



MARINA
Stores

CATALOGUE



2024

www.marinastores.gr



Sales Alert

Explore MARINA Stores Sales Alert and find out our special offers.

Stay always tuned in order to seize every opportunity, buying our products in discount, both online at www.marinastores.gr and through our retail stores network.



PROMOTION

What could be better than welcoming each month with a new offer?

At MARINA Stores through the Products' Promotion in the beginning of each month, we inform you about the products that have the most advantageous prices depending on the season.

All you have to do is to follow our updates on social media and newsletters. Don't also forget to visit our official website www.marinastores.gr.



OUTLET

Is it possible to find products with a discount up to -96%?

In our Outlet category, yes it is! These are products with limited stock & at fantastic prices.

New products are being added as Outlet, on a regular basis, and you can find them online and in store.

*Outlet products are not combined with other offers and prices are valid as long as there is available stock.

MARINA
Stores

www.marinastores.gr

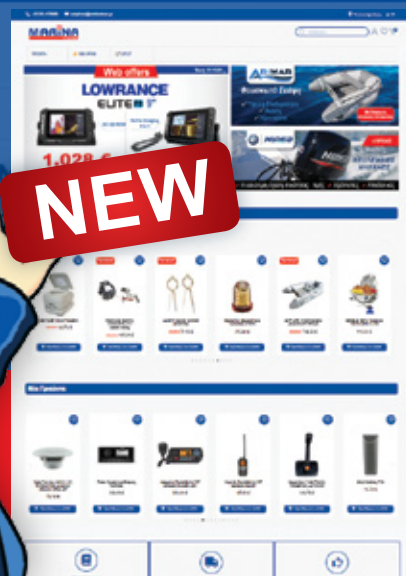
Visit the NEW website
of MARINA Stores
& make the best out of it!



Get -10% discount
on your first order!

*The discount is applied directly on your cart

**Products on sale are excluded





WHAT MAKES US UNIQUE

Wide range of available codes



Products from leading manufacturers



Immediate stock availability
in our central warehouse

Perfect customer service from
our experienced and highly
knowledgeable staff



Exclusive offers
on a monthly basis

PROMOTION



Complete support

Stores

• GREECE • CROATIA • MONTENEGRO • CYPRUS

Webshop

www.marinastores.gr

new

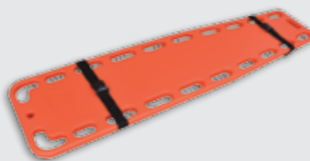


Foam Folding Lifejacket Compact, SOLAS/MED
Page 18



Antipiros Fireman's Suit Set, SOLAS/MED
Page 50

LALIZAS



Spine Board, Plastic
Page 66

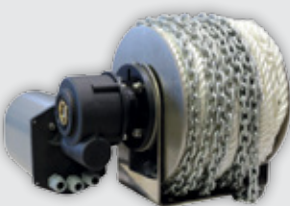


Wetsuit Full Length Neoprene, Child
Page 377



GECKO - Stern Windlass
Page 76

Lofrans
WINDLASSES



Drum Winch
Page 79



HH Remote Controls LFR400 & LRF200 for Windlass
Page 82

MAX POWER



ECO PROPORTIONAL
Page 95

ARIMAR



Rescue Boat
Page 125

HIPED



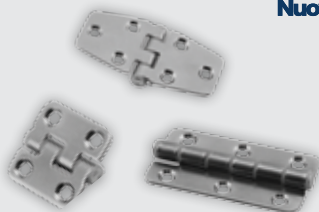
Outboard Engine 115 HP
Page 139

ocean SIGNAL



Emergency Position Indicating Radio Beacon EPIRB3
Page 62

Nuova Rade



Silent Hinges
Page 217



CASCATA Faucet
Page 289

CLIN AZUR



Cleaning Products
Page 406

new

New Product



Two Colours



One Colour



Best Quality



Taped Seams



Easy mounting



Water Proof 100%



Unisex



Suitable for OFFSHORE



Suitable for COASTAL



Suitable for RACING



Guarantee



CE Approved



Pre-wired



Batteries Operated



Child



Suitable for FISHING



Suitable for SKI and JET SKI



Suitable for CANOE / KAYAK

Contents

LALIZAS

Lofrans
WINDLASSES

MAX
POWER

Nuova Rade

OCEAN

ARIMAR

WOW

HIPER

PYROTECH
MARINE DISTRESS SIGNALS

RITCHIE

Imray

EPIFANES

MAGMA

NAVIONICS

GLOMEX
The best in marine maintenance

SPRINGFIELD

IOSSO

gebo

HEMPEL
Keep Sailing

FORMA

BARDAHL

HUMMINBIRD

Sika

CLIN AZUR

EXIDE

LOWRANCE

ocean SIGNAL



Safety_____4-67



Anchoring, Docking & Mooring__68-122



Boats, Engines & Accessories_123-179



Deck Equipment_____180-240



Sailing Hardware_____241-255



Electronics & Navigation_____256-277



Plumbing & Ventilation_____278-321



Electrical Equipment_____322-356



Interior Equipment & Galley____357-366



Watersports & Fishing_____367-384



Clothing & Accessories_____385-396



Cleaning & Maintenance_____397-408

Index_____409-412

Safety



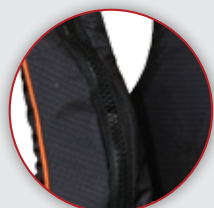
Inflatable Lifejackets	5-12	Liferafts	37-45
Inflatable Lifejackets Accessories	12-15	Liferaft Equipment	45-48
Foam Lifejackets	16-20	Breathing Apparatus	48-49
Watersports Buoyancy Aids	20-22	Safety Flashlights	49-50
Pet Buoyancy Aids	22-23	Fire Fighting Equipmnet	50-56
Lifesaving Lights	23-25	Marine Distress Signals & Pyrotechnics	56-61
MOB Systems	25-35	Smoke Detectors	61
Sea Anchors-Drogues	35-36	Emergency Equipment Devices	61-64
Retroreflective Tapes	36	Medical Equipmnet	65-66
Immersion Suits	36-37	IMO Signs	67

The main priority in every trip at sea is to ensure the safety of all persons on board.

Every boat must have the necessary safety equipment in order to meet the requirements of the Authorities as well as to ensure the maximum possible safety of the passengers.

At MARINA Stores you will find approved inflatable lifejackets, buoyancy aids as well as MOB systems with the signature of the leading manufacturer of lifesaving equipment, LALIZAS.

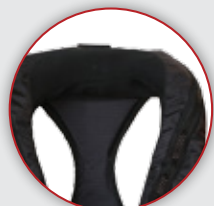
Equip your boat by choosing what you need from a wide range of liferafts by LALIZAS, which guarantees comfort, stable cruising, and also space saving on board.



Quick burst zipper & automatic activation of inflator



Indicator window for easy check of the inflator status



Soft neoprene fabric at neck and chest areas



Quick adjusting & easy fit



Soft D-Ring & Safety knife pocket



Twin crotch-straps and lifting loops



Kappa Inflatable Lifejacket, Auto, 180N, with Double Crotch Strap & Harness, ISO

- Certified per ISO 12402-3 & ISO 12401
- Ergonomic design, providing the advantage of unrestricted motion when on board
- Made of Nylon rip stop with PU coating and soft neoprene fabric for neck and chest areas
- Indicator window for easy check of the inflator status

Code	72194	72195
Adult	✓	✓
Automatic Inflator	LALIZAS JS1	HAMMAR MA1

Kappa



Ergonomic design
High quality

LALIZAS

CE

Theta Inflatable Lifejacket, Auto, 290N, with Sprayhood, Double Crotch Strap & Harness, ISO

- Certified per ISO 12402-2 & ISO 12401
- A complete and reliable solution for all seafarers looking for ultimate safety and style on board
- Ergonomic design offering unrestricted motion and comfort even when worn with heavy-duty clothing
- Made of Nylon rip stop with PU coating and soft neoprene fabric for neck and chest area

Code	72196	72197
Adult	✓	✓
Automatic Inflator	LALIZAS JS1	HAMMAR MA1

Theta



Sigma Inflatable Lifejacket, 170N, ISO

- Certified per ISO 12402-3
- Auto & manual version
- Comfortable to wear & user-friendly due to its ultra-lightweight design and webbing system
- Transparent area allows the user to check the function of the operating head (this applies to certain codes)
- Ultra reliable auto-firing mechanism which is specially designed not to be unintentionally activated due to heavy weather
- Commercial heavy-duty protective outer cover
- Easy re-packing

Safety



Combine with
LALIZAS Lifejacket
LED flashing light
page 23









CE



**DESIGNED FOR
EXTRA ERGONOMIC COMFORT**



Code	71094	71096	71097	720811	72081	72154
Colour						
Adult	✓	✓	✓	✓	✓	✓
Automatic Inflator	✓	✓		✓	✓	✓
Manual Inflator			✓			
D-ring / Harness	✓			✓	✓	
Clip Crotch Strap				✓	✓	
LALIZAS JS1	✓	✓			✓	✓
Hammar MA1				✓		
Work Vest						✓



Zeta Inflatable Lifejacket, Auto, 290N, ISO

- Certified per ISO 12402-2
- Ergonomic lifejacket that is comfortable to wear & user-friendly due to its webbing system

Code	72399	72400
Colour	●	●
Adult	✓	✓
Automatic Inflator (LALIZAS JS1)	✓	✓
D-ring / Harness	✓	
Clip crotch strap	✓	
Durable PVC fabric cover		✓
Work Vest		✓

Zeta^{290N}
1700001



Work Vest



Combine with
LALIZAS Lifejacket
LED flashing light
page 23



Alpha Inflatable Lifejacket, 170N, ISO

- Certified per ISO 12402-3
- Certified per ISO 12401 on all integral black harnesses
- Auto & manual version
- Compact design, low weight and high-quality construction
- Ideal for the coastal and inshore yachtsmen
- Ultra reliable firing mechanism
- Commercial heavy-duty protective outer cover
- Easy re-packing

Code	71098	71100	71101	71102
Adult	✓	✓	✓	
Child				✓
Automatic Inflator (LALIZAS JS1)	✓	✓		✓
Manual Inflator			✓	
D-ring / Harness	✓			✓

Alpha^{LALIZAS}
170N



Combine with
Harness & Lifejacket
Crotch Strap
page 15

Omega Inflatable Lifejacket, Auto, 290N, ISO

- Certified per ISO 12402-2
- Certified per ISO 12401 on all integral black harnesses
- Slim fit, lightweight, with rugged construction
- Coming in two codes, one with harness and one without harness
- Ultra reliable firing mechanism
- Commercial heavy-duty protective outer cover
- Easy re-packing

Code	71103	71105
Adult	✓	✓
Automatic Inflator (LALIZAS JS1)	✓	✓
D-ring / Harness	✓	



Combine with
Harness & Lifejacket
Crotch Strap
page 15

Vita Inflatable Lifejacket, Manual, 120N, ISO

- Certified per ISO 12402-4 & 12402-6 for ultimate safety while on board
- Designed to cover marine market's need for an ultra-lightweight lifejacket
- Reflective tapes and oral inflation tube with non-return valve (20610, certified per ISO 12402-7)
- Plastic buckle for quick closure & release
- Ideal for civil transport vessels and tourist boats
- Provided in transparent vacuummed pack

Code	72326
Newton	120
Manual Inflator	✓



Vacuum packed
Easy-to-store
Saves valuable stowage space



Combine with
LALIZAS Lifejacket
LED flashing light
page 23



If package is without damage and stored appropriately, then it should be serviced every 10 years from manufacturing date.



Delta Inflatable Lifejacket Belt-Pack, 150N, ISO

- Certified per ISO 12402-3 for ultimate safety while on board
- Auto & manual version
- User-friendly, providing the maximum safety, thanks to its fast inflation ability, even at very low temperatures
- Ideal for all ships, especially the small ones where storage space is limited



Code	71109	71201
Adult	✓	✓
Manual Inflator	✓	
Automatic Inflator (LALIZAS JS1)		✓



Delta
CE 150N
ISO 12402-3
LALIZAS
www.lalizas.com



Combine with
LALIZAS Lifejacket
LED flashing light
page 23



Code | 73582



Kappa Inflatable Lifejacket, Auto, 180N, with Double Crotch Strap & Harness, ISO, Adult, with Ocean Signal MOB1, Set



Code | 73583



Theta Inflatable Lifejacket, Auto, 290N, with Sprayhood, Double Crotch Strap & Harness, ISO, Adult, with Ocean Signal MOB1, Set



For more information

Ocean Signal
Man Over Board
Locator Beacon
MOB1

page 62



Code | 75251

Sigma Inflatable Lifejacket, Auto, 170N, ISO, Adult, Red, with Ocean Signal MOB1, Set



Code | 75252

Sigma Inflatable Lifejacket, Auto, 170N, with Harness, ISO, Adult, Red, with Ocean Signal MOB1, Set



Code | 73650

Sigma Work Vest, Auto, 170N, ISO, Adult, Orange Durable PVC Fabric Cover, with Ocean Signal MOB1, Set

LALIZAS Inflatable Lifejackets Lamda, Auto, 150N, 275N, 330N, SOLAS/ MED

- Certified according to MED 2014/90/EU and SOLAS requirements for ultimate safety while on board
- Twin chambers as per SOLAS requirements
- Available in 150N, 275N & 330N versions
- Ideal for use on commercial vessels, offshore platforms and mega yachts (based on the product code you will choose)
- Available in one adult size, which can be easily adjusted to passengers with chest size up to 175cm or more, with the use of the LALIZAS Waist Belt Extender (71161)
- It is the only SOLAS lifejacket in its category with two stainless steel buckles, on the center and side of the waist harness, in order to be easily removed even inflated, when needed (72114 & 72115)
- It features a crotch strap (72114 & 72115)
- Certified according to the specifications of the HSE Compatibility Test Protocol for Lifejackets and Immersion suits on Offshore installations (72114 & 72115 - when combined with LALIZAS Immersion suit with rubber gloves)
- Available with plastic zipper (711071 & 712162) on the lifejacket cover, covered with soft protective tape throughout its length to prevent injuries during activation
- Exceptional wearer comfort through ergonomic pre-shaped shoulder area and soft neoprene material (codes with zipper)
- With two automatic inflators with round puller (codes with zipper)



Code	71107	711071	71216	712162	72114	72115
Newton	150		275		330	
Adult	✓	✓	✓	✓	✓	✓
Automatic Inflator	✓	✓	✓	✓	✓	✓
Round Puller		✓		✓		
Zipper		✓		✓		
Crotch Strap					✓	✓
Sprayhood						✓



Front



Back



72114



72115

LALIZAS Sprayhood for SOLAS Inflatable Lifejackets
Code 72113



Combine with
LALIZAS Lifejacket
LED flashing light
page 23



**For more
information**

Ocean Signal
Man Over Board Locator
Beacon MOB1
page 62



Code | 73629

**LALIZAS Inflatable Lifejacket Lamda,
Auto, 150N, SOLAS/MED, Adult, with
Ocean Signal MOB1, Set**



Code | 73584

**LALIZAS Inflatable Lifejacket Lamda,
Auto, 275N, SOLAS/MED, Adult, with
Ocean Signal MOB1, Set**



**LALIZAS Inflatable Lifejacket Belt-Pack Delta,
Auto, 150N, SOLAS/MED, Adult**

- Certified per SOLAS, for ultimate safety while on board
- Twin chambers as per SOLAS requirements
- Provides the maximum safety thanks to its fast inflation ability, even at very low temperatures
- Extra user-friendly lifejacket, ideal for saving valuable space on board
- Available in one adult size, which can be easily adjusted to passengers with chest size up to 175cm or more, with the use of the LALIZAS waist belt extender (71161)

Code | 71108

**Delta
150N
SOLAS
LALIZAS**
www.lalizas.com



Vacuum Packed

with LALIZAS
Lifejacket Light

**LALIZAS Inflatable Lifejacket Vacuum
Packed, Delta, Auto 150N, SOLAS/MED,
Adult, with LALIZAS Lifejacket Light,
SOLAS/MED**

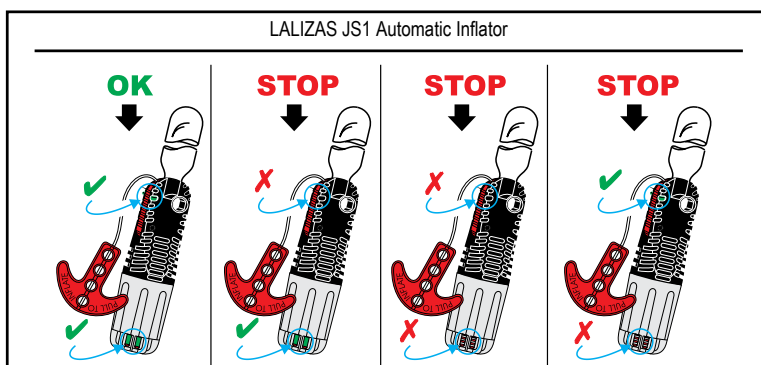
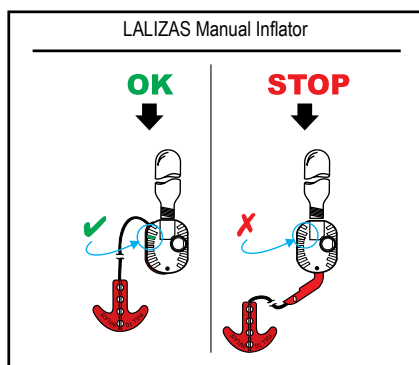
- Ideal for passenger vessels
- Twin chambers as per SOLAS requirements
- Pre-installed LALIZAS Lifejacket LED Flashing Light "Safelite IV"
- Vacuum packed
- Increased lifespan
- Easy storage

Code | 711081



Kappa - Theta - Omega - Alpha - Sigma - Delta - Lamda - Vita

Safety



Code | 73676

LALIZAS Auto Re-arm Kit for JS1 Adult Lifejacket, 60gr



Code | 20190

LALIZAS Auto Re-arm Kit for JS1 Adult Lifejacket, 33gr



Code | 20200

LALIZAS Auto Re-arm Kit for JS1 Child Lifejacket, 24gr



Code | 71323

LALIZAS Manual Re-arm Kit for Adult Lifejacket, 33gr



Code | 71324

LALIZAS Auto Re-arm Bobines, for Adult & Child Lifejacket, Set of 4



LALIZAS Auto Re-arm Mechanism HAMMAR MA1 & Cylinder 33gr

Code | 71741



CO₂ Cylinder

Code	00349	00348	02597	02197
Size (gr)	24	33	38	60

Suitable for LALIZAS Lamda & Delta inflatable lifejackets



LALIZAS Sprayhood for SOLAS Inflatable Lifejackets

- Suitable for SOLAS inflatable lifejackets
- Designed to fit over the head and cover the inflated chamber
- Equipped with small holes to facilitate breathing
- It is not deployed automatically, so it is important to practice using it in advance
- It comes as standard with LALIZAS Infl. Lifejacket Adv. Lamda, Auto, 330N, w/sprayhood & crotch strap, SOLAS/MED (product code: 72115)

Code | 72113



LALIZAS Sprayhood for ISO Inflatable Lifejackets

- Suitable for every adult inflatable lifejacket of 150N
- Very easy to use, it is designed to fit over the head
- Equipped with ventilation holes for easy breathing
- Provided along with donning and storage instructions & sprayhood folding instructions
- Meets the requirements of ISO 12402-8



Code | 72325

Suitable for
Sigma, Alpha, Kappa & Delta
inflatable lifejackets



CE

Safety Harness, ISO

Available in both adult and child sizes, it features a heavy-duty stainless steel interlocking buckle, a D-ring and a fully adjustable black polyester waist webbing.
Approved per the European standards ISO 12401.

Code	71145	71146
Type	Adult	Child
Chest Size (cm)	70 to 150	60 to 90
Weight (kg)	>50	20-50



CE

Safety Harness

- Stainless steel interlocking buckle
- D-ring
- Fully adjustable black polyester waist webbing (width 50mm)

Double Safety Line (L 185cm):

- Stainless steel double insured hooks
- Single handed operation with only 2 movements

Stainless steel
double insured hooks

Safety Harness ISO, with Double Safety Line ISO, Set

This safety harness comes as set with the LifeLink Double Safety Line of 185 cm in length for extra safety on board. Available in adult & child sizes. The safety harness as well as the safety line are ISO approved.

Code	74570	74571
Type	Adult	Child
Chest Size (cm)	70 to 150	60 to 90
Safety Line Length (cm)	185	
Weight (kg)	>50	20-50

LifeLink Safety Lines, ISO

The LifeLink Safety Lines are available in single, double, double elastic and triple hook configurations and are all approved per ISO 12401. Their double action hook design prevents accidental opening whilst still offering superb single handed operation.



CE

Code | 71147

**Single,
Length 150 cm**

Code | 71148

**Double,
Length 185 cm**

Code | 71149

**Triple,
Length 200 cm**

Code | 71150

**Double, Elastic,
Length 100-180 cm**

Code | 71151

**LifeLink Hook,
ISO**



Flameproof

LALIZAS Inflatable Lifejacket Protective Work Cover

- Provides shielding against heat, sparks, flame, soft chemicals
- Easy fit / Simple-to-use design
- Lightweight fabric
- Does not affect the operation, behaviour & water performance of the protected lifejacket

Code | 71211



Front



Back



Suitable for:

Sigma Lifejackets:

71096, 71097, 72154, 72560, 72561, 72081 & 720811

Zeta Lifejackets:

72399 & 72400

Lamda Lifejackets:

71107, 711071, 71216, 712162, 72114 & 72115

Sea Dye Marker

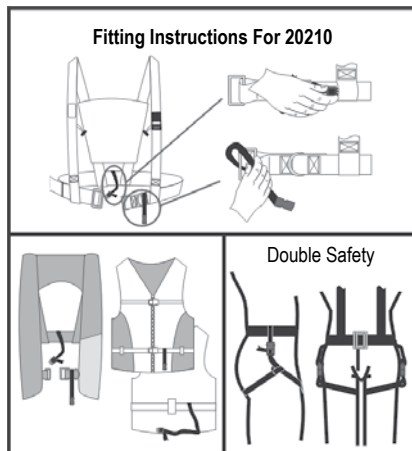
- Lifesaving device used for sea rescue, usually requested by Army/Navy
- Contains a fluorescent green dye that spreads over the surface of the water so as to increase visibility for a rescue pilot to see
- Can be easily placed in a life vest pocket or liferaft safety kits or else
- The bright green pattern on the water can be seen for about a mile or 2km and lasts vividly for about 60 minutes
- To use, just tear in the area indicating the marking on the PVC bag



Main materials

- PVC bag
- Fluorescent dye, Uranine U, 90gr

Code | 70464



Harness & Lifejacket Crotch Strap

The crotch strap can be used with all LALIZAS lifejackets / buoyancy aids and harnesses.

Code | 20210



LALIZAS Waist Belt Extender for SOLAS Inflatable Lifejackets

Code	71161
Length	50 cm



Side Release Buckle for 40mm Webbing, Plastic

Code | 72116

Maintenance of Inflatable Lifejackets

Maintenance-Storage Instructions: Store the lifejacket in a dry place away from direct sunlight. Don't expose the lifejacket to excessive heat. Do not use as a cushion. Check if the CO₂ cylinder is perforated or damaged. In this case you should replace it. Check the state of the lifejacket (inflatable chamber, buckles, whistles, webbings and harnesses). In case of a severe drop or signs of deterioration contact your local approved service station. LALIZAS spare parts need to be replaced after each use, or 3 years after the manufacturing date. Always check the manufacturing date.

Servicing Instructions: Your lifejacket shall be serviced at least every year (and more frequently in case of intensive use)

Lifetime of the lifejacket: 10 years of the manufacturing date.

How to wear an Inflatable Lifejacket



How to manually activate an Inflatable Lifejacket



Chico Lifejacket 100N, ISO

- Approved to the European standards for 100 Newton lifejackets, ISO 12402-4
- All of its raw materials are tested per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability
- Lifejacket's foam distribution helps the child to face upwards, out of the water, providing quick turn in case it is unconscious
- A large flotation collar supports the child's head
- All codes feature a crotch strap for higher safety
- It includes one webbing fastener, LALIZAS Whistle (70010), plastic zip and SOLAS Retroreflective Tapes (70180)
- An end rope with plastic button is fixed at the end of each lifejacket for adjustable wearing
- Improved fit and maximum safety
- The baby (72069) and the child (72070 & 71073) lifejackets feature fabric diaper
- Available in 4 sizes



Code	Type	Weight (kg)	Chest Size (cm)
72069	Baby	3-10	50-60
72070	Child	10-20	60-75
71073		15-30	60-70
71074		30-40	70-80

Chico Lifejacket 150N, ISO

- Approved to the European standards for 150 Newton lifejackets, ISO 12402-3
- All of its raw materials are tested per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability
- Lifejacket's foam distribution helps the child to face upwards, out of the water, providing quick turn in case it is unconscious
- A large flotation collar supports the child's head
- All codes feature a crotch strap for higher safety
- It includes one webbing fastener, LALIZAS Whistle (70010), plastic zip and SOLAS Retroreflective Tapes (70180)
- An end rope with plastic button is fixed at the end of each lifejacket for adjustable wearing
- Improved fit and maximum safety
- The code 71075 features fabric diaper
- Available in 2 sizes

Code	Type	Weight (kg)	Chest Size (cm)
71075	Child	15-30	60-70
71076		30-40	70-80



LALIZAS Lifejacket 100N, ISO

- Approved to the European standards for 100N Lifejackets and ISO 12402-4
- All of its raw materials are tested per ISO 12402-7 and ISO 12402 -8 for higher strength, quality and durability
- Specifically designed to turn the unconscious user on a face-up position on time and to offer support for the head
- A large flotation collar supports the user's head keeping it out of water
- It has a crotch strap for keeping the vest securely when in the water
- It has one webbing fastener, LALIZAS Whistle (70010), plastic zip and SOLAS Retroreflective Tapes (70180)
- An end rope with plastic button is fixed at the end of the lifejacket for adjustable wearing
- Provided with a lifting loop for rescue
- Three main options, suitable for infants, children and adults
- The baby (72067) and the child (72068 & 71077) lifejackets feature also fabric diapers
- Available in 8 sizes, in fluorescent orange colour



Code	Type	Weight (kg)	Chest Size (cm)
72067	Baby	3-10	50-60
72068	Child	10-20	60-75
71077		15-30	60-70
71078		30-40	70-80
71079	Adult	40-50	80-90
71080		50-70	90-100
71081		70-90	100-120
71082		>90	120-130



LALIZAS Lifejacket 150N, ISO

- Approved to the European standards for 150N lifejackets, ISO 12402-3
- All of its raw materials are tested per ISO 12402-7 and ISO 12402-8, for higher strength, quality and durability
- Its design provides the user's turn on time
- A large flotation collar supports the user's head for keeping the head out of water
- It has a crotch strap for keeping the vest securely when in the water
- It has one webbing fastener, LALIZAS Whistle (70010), plastic zip and SOLAS Retroreflective Tapes (70180)
- An end rope with plastic button is fixed at the end of the lifejacket for adjustable wearing
- Provided with a lifting loop for rescue
- Suitable for children and adults
- The child lifejacket 71083 features fabric diapers
- Available in 6 sizes, in fluorescent orange colour

Code	Type	Weight (kg)	Chest Size (cm)
71083	Child	15-30	60-70
71084		30-40	70-80
71085	Adult	40-50	80-90
71086		50-70	90-100
71087		70-90	100-120
71088		>90	120-130



71083



71084-71088



Combine with
LALIZAS Lifejacket
LED flashing light
page 23

Safety

LALIZAS Lifebelt 100N, ISO

- Certified per EN ISO 12402-4, EN ISO 12402-7 and EN ISO 12402-9 testing standards according to directive 2016/425/EEC for recreational boats
- Designed for people who may have to wait for rescue, but are likely to do so in sheltered water
- Equipped with a 30mm width waist webbing, 100cm² SOLAS Retroreflective Tapes (70180) and LALIZAS Whistle (70010)

	Child	Adult
Code	70992	70991
Body Weight (Kg)	15-40	>40
Chest Size (cm)	50-80	80-125



Child



LALIZAS Lifebelt 150N, ISO

- Certified per EN ISO 12402-3, EN ISO 12402-7 and EN ISO 12402-9 testing standards according to directive 2016/425/EEC for recreational boats
- Designed for general application or for use with foul weather clothing
- Capable to turn an unconscious person into a safe position
- Requires no subsequent action by the user to maintain this position
- Equipped with a 30mm width waist webbing, 300cm² SOLAS Retroreflective Tapes (70180) and LALIZAS Whistle (70010)

	Child	Adult
Code	70994	70993
Body Weight (kg)	15-40	>40
Chest Size (cm)	50/80	80/125



Child



Lifejackets Dry Bag

- Simple and easy-to-use dry bag for lifejackets
- The most "intelligent" and waterproof storage solution for all the necessary safety equipment of your boat
- Made of durable transparent material, without any unnecessary seams
- It meets the minimum space consumption requirements
- It offers the ability of immediate use in case of an emergency or a boat inspection
- Specially designed for storing foam lifejackets of 100N & 150N
- Can safely store all hand and smoke signals required by regulations, in the available space between the lifejackets' neck grooves

Lifejackets Dry Bag with 4 or 6 pcs 70991 (100N), Set

Code	Included	Dimensions (cm)
71223	4 pcs 70991 (100N)	60x36x28
71224	6 pcs 70991 (100N)	60x36x45

Code	Size	Dimensions (cm)	Suitable for LALIZAS lifejackets		
			70991 (100N)	70993 (150N)	70159 (Solas '74)
71220*	1	93x57x36	4	3	5
71221*	2	93x68x36	6	4	7
71222*	3	93x93x36	9	6	10

*Lifejackets not included



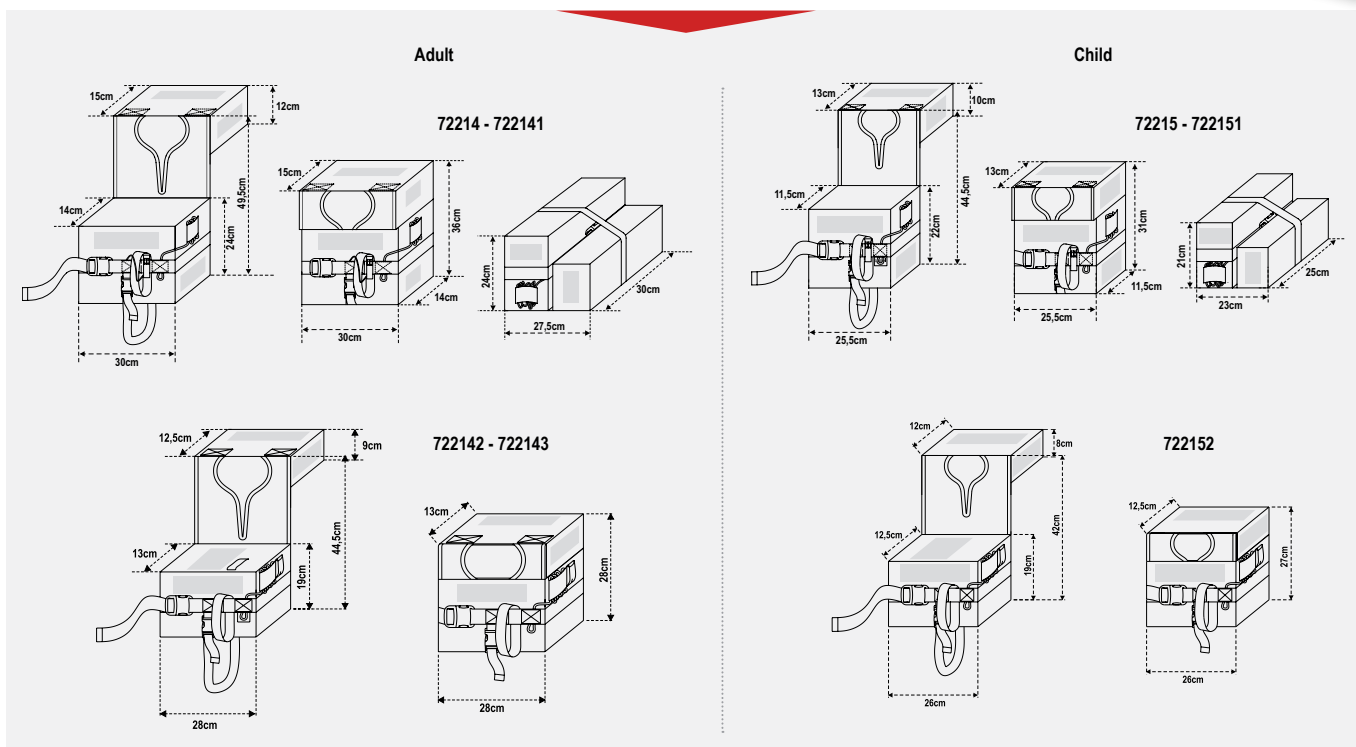
LALIZAS Foam Folding Lifejacket Compact, SOLAS/MED

The series of Compact Folding Lifejackets SOLAS fully complies with the new regulations [IMO Resolutions, L.S.A. Code as amended by 207(81), 218(82); and MSC 81(70), MSC.200(80), MSC. 226(82), MSC. 323(89), MSC. 368(93) & MSC. 378(93)], which are mandatory for all lifejackets used on board EU flagged vessels.

Driven by regulation changes for lifejacket accessibility on cruise ships, and customer demand for reduced bulk and improved storage options, LALIZAS has designed the lifejacket "Compact" to best service these needs.



Folding Options



LALIZAS Foam Folding Lifejacket Compact, SOLAS/MED

Code	72214	721141	72215	721151
Type	Adult		Child	
Colour	Orange	Yellow*	Orange	Yellow**
Buoyancy (N)	146		88	
Weight (kg)	43-140		15-43	

* For the crew (722141)

** Available upon request for special cases (722151)

new

LALIZAS Foam Folding Lifejacket Compact Mini, SOLAS/MED

Code	722142	722143	722152
Type	Adult		Child
Colour	Orange	Yellow*	Orange
Buoyancy (N)	94		81
Weight (kg)	43-140		15-43

LALIZAS Foam Lifejacket Advanced, SOLAS/MED

The series of SOLAS Foam Lifejackets Advanced fully complies with the new regulations [IMO Resolutions (MSC.201(81), MSC.207(81), MSC.200(80), MSC.226(82), MSC.218(82), MSC.216(82), MSC.81(70), MSC.323(89), MSC.368(93) & MSC.378(93)], which are mandatory for all lifejackets used on board EU flagged vessels.



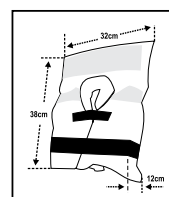
LALIZAS Foam Lifejacket Advanced, SOLAS/MED

- Manufactured to equip all commercial vessels under SOLAS/MED
- Features lifting loop and orange buddy line for easy rescue
- Recommended to combine the lifejacket with the compatible LALIZAS Lifejacket LED Flashing Light
- Required on board EU flagged vessels as per regulations

Code	70176
Type	Infant
Weight (kg)	0-15



Combine with
LALIZAS Lifejacket
LED flashing light
page 23



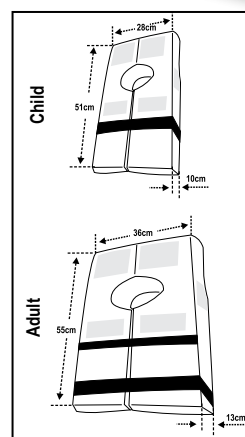
LALIZAS Foam Lifejacket Advanced, SOLAS/MED

- Manufactured to equip all commercial vessels under SOLAS/MED
- Provided with lifting loop and orange buddy line for easier rescue
- Supplied in adult and child sizes
- The adult lifejacket is appropriate for passengers with chest size up to 175cm and overweight passengers
- Recommended to combine the lifejacket with the compatible LALIZAS Lifejacket LED Flashing Light
- Required on board all EU flagged vessels as per regulations

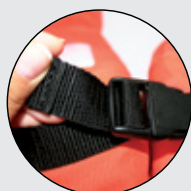
Code	70177	70178
Type	Child	Adult
Weight (kg)	15-43	>43



Child



Features:



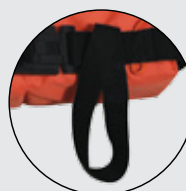
Adjustable strap
(70176 & 70178)



Comfortable fit around
the neck



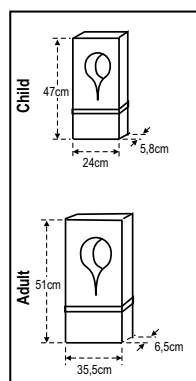
Whistle



Lifting loop



Orange buddy line



LALIZAS Foam Lifejacket SOLAS '74

- Manufactured in accordance with SOLAS '74 requirements
- Commercial grade lifejacket
- Available in adult and child sizes

Code	70157	70159
Type	Child	Adult
Weight (kg)	0-55	>55



Child

Foam Lifejackets

LALIZAS

Safety



CE

LALIZAS Work Vest 50N, ISO

- Approved to the European standards for 50N buoyancy aids, ISO 12402-5
- All of its raw materials are tested per ISO 12402-7 and ISO 12402-8 for higher strength, quality and durability
- Specifically designed and manufactured for use in the work environment
- It is open on the side areas, being lightweight when wearing it
- Made of special polyester anti-fire fabric
- Its two waist webbings are adjusted by the stainless steel D-rings and hooks
- It comes with SOLAS Retroreflective Tapes (70180)
- It has a fabric pocket for placing tools or other light equipment
- It is available in one adult size and in orange colour

Code	Type	Weight (kg)	Chest Size (cm)
71144	Adult	>40	80-130

Accessories for the Work Vest



Code	Description
71153	Buckle for 71144, Inox 304, 34x26,5x3mm
71154	D-Ring for 71144, Inox 316, 25x20mm
71155	J Hook for 71144, Nickel plated steel

Watersports Buoyancy Aids

LALIZAS

CE



Easy Rider Buoyancy Aid 50N, ISO

- Ideal for ski & jet ski
- It covers the waist and back, while it remains comfortable
- It includes one fixed and one adjustable webbing fastener and SOLAS Retroreflective Tapes (70180)
- Approved to the European standards for 50N buoyancy aids, ISO 12402-5
- All of its raw materials are tested per ISO 12402-7 and ISO 12402-8, for higher strength, quality and durability
- Available in 2 sizes, in orange & yellow colour combination

Code	Type	Weight (kg)	Chest Size (cm)
71089	Child	25-40	65-80
71090	Adult	>40	80-130

Easy Rider

CE



Fit & Float Buoyancy Aid 50N, ISO

- Ideal for ski & jet ski
- It covers the waist and back, while it remains comfortable
- It includes one webbing fastener and plastic zip
- End and top ropes are fixed on the lifejacket for adjustable wearing
- All of its raw materials are tested per ISO 12402-7 and ISO 12402-8 for higher strength, quality and durability

Code	Type	Weight (kg)	Chest Size (cm)
72155	Child	30-50	60-80
72156	Adult	50-70	80-100
72157		70-90	100-130
72158		>90	130-160

FIT & FLOAT



Performance Buoyancy Aid 50N, ISO

- Ideal for canoe kayak, ski, jet ski & sailing
- Ergonomic design that provides better fit and storage
- It offers a new level of comfort and buoyancy
- Features one waist webbing fastener for total safety, plastic zip and SOLAS Retroreflective Tapes (70180)
- Its reflective silver edging and advanced back neck area complete its design characteristics
- Approved to the European standards for 50N buoyancy aids, ISO 12402-5
- All of its raw materials are tested per ISO 12402-7 and ISO 12402 -8, for higher strength, quality and durability
- Available in 4 sizes, in blue & white colour combination
- Code 71288 comes with crotch strap

Code	Type	Weight (kg)	Chest Size (cm)
71091	Child	25-40	65-80
71092	Adult	40-70	80-100
71093		>70	100-130
71288		>90	130-160



Safety

Action Buoyancy Aid 50N, ISO

- Ideal for sailing
- Improved design, providing tighter and convenient fit on the wearer
- Dual webbing fasteners for total safety (steady and movable), plastic zip and SOLAS Retroreflective Tapes (70180)
- It offers a new level of comfort and buoyancy
- Its reflective silver edging and advanced back neck area complete its design characteristics
- Approved to the European standards for 50N buoyancy aids, ISO 12402-5
- All of its raw materials are tested per ISO 12402-7 and ISO 12402 -8 for higher strength, quality and durability
- Available in 4 sizes, in orange & black colour combination



Code	Type	Weight (kg)	Chest Size (cm)
71060	Child	25-40	65-80
71061	Adult	40-70	80-100
71062		70-90	100-110
71063		>90	110-125



Slalom Buoyancy Aid 50N, ISO

- Ideal for ski & jet ski
- Tighter and convenient fitting on the wearer due to its improved design
- It offers a new level of comfort and buoyancy
- Dual webbing fasteners and one top waist webbing fastener for total safety, plastic loop for keys, net holes for removing water and SOLAS Retroreflective Tapes (70180)
- Approved to the European standards for 50N buoyancy aids, ISO 12402-5
- All of its raw materials are tested per ISO 12402-7 and ISO 12402-8, for higher strength, quality and durability
- Available in 4 sizes, in blue & black colour combination



Code	Type	Weight (kg)	Chest Size (cm)
71064	Child	25-40	65-80
71065	Adult	40-70	80-100
71066		70-90	100-110
71067		>90	110-125



Watersports Buoyancy Aids

LALIZAS

Neo Buoyancy Aid 50N, ISO

- Ideal for ski & jet ski
- New design, made of neoprene fabric for tighter and stylish fit
- It offers a new level of comfort and buoyancy
- Two webbing moving fasteners for total safety, neoprene outer shell, plastic zip, net holes for removing water and SOLAS Retroreflective Tapes (70180)
- Approved to the European standards for 50N buoyancy aids, ISO 12402-5
- All of its raw materials are tested per ISO 12402-7 and ISO 12402-8 for higher strength, quality and durability
- Available in 5 sizes, in white, red & black colour combination

NEO

Code	Type	Weight (kg)	Chest Size (cm)
71068	Child	25-40	65-80
71069	Adult	40-50	80-90
71070		50-70	90-110
71071		70-90	110-120
71072		>90	120-130

Pro Race Buoyancy Aid 50N, ISO, Adult

- Ideal for ski, jet ski, canoe kayak & sailing
- Designed as the ultimate high performance jacket
- Compact design, ideally suited for dinghy sailors, sport canoeists and windsurfers
- It features high-density soft PVC foam buoyancy, double sided velcro waist straps, side entry zip, a mesh front pocket and SOLAS Retroreflective Tapes (70180)
- The unique double velcro waist strap makes it fully adjustable to a variety of chest size users
- The elastic band shoulders make it to fit younger users
- Approved to the European standards for 50N buoyancy aids, ISO 12402-5
- All of its raw materials are tested per ISO 12402-7 & ISO 12402-8, for higher strength, quality and durability
- Available in 3 sizes in red and orange colour

Pro Race

● Code	71443	71444	71445
● Code	71446	71447	71448
Type	Child	Adult	
Weight (kg)	25-40	40-70	>70
Chest size (cm)	65-80	80-100	100-130



Our unique double velcro waist strap makes the Pro Race series fully adjustable to a variety of chest size users



Pro race buoyancy aid has elastic band shoulders, designed to fit younger users



CE

Pet Buoyancy Aids

LALIZAS

LALIZAS Pet Retriever Buoyancy Aid

- Foam construction buoyancy aid
- Features strong lifting loop to enable you to retrieve your pet
- Suitable for both dogs and cats
- Available in four sizes from extra small to large



Code	20020	20021	20022	20023
Weight (kg)	< 8	8-15	15-40	> 40
Chest circumference min-max (cm)	25-48	30-60	43-84	46-95



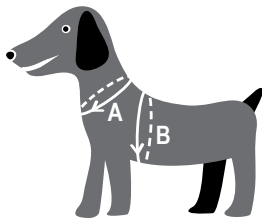


Safety



Comfy Pet Buoyancy Aid

- Ideal for all water-related activities, offering the extra buoyancy your pet needs
- Lightweight and easily adjustable
- Durable grab handle for secure retrieval aboard
- Storage pocket for multiple uses
- Reflective edging for enhanced visibility
- Available in five sizes, from XS to XL, ensuring that there is one that fits your pet perfectly, being safe and comfortable at the same time



Code	73573	73574	73575	73576	73577
Size	XS	S	M	L	XL
Weight (kg)	up to 5	5-10	10-20	20-40	40-80
A Neckline (cm)	22-34	33-43	40-49	47-60	57-76
B Chest (cm)	25-45	43-63	61-80	77-103	91-113

Lifesaving Lights



LALIZAS Lifejacket LED Flashing Light "Safelite IV" ON-OFF Water-activated, SOLAS/MED/USCG

- Water-activated LED flashlight technology
- Extra powerful LED light: Offers lower consumption, longer life and operates automatically when it comes in contact with water
- ON-OFF button operation: To turn it ON-OFF when out of water
- Durable plastic body: 100% Waterproof via ultrasound welding for extra safety
- Universal size clamp: Fits & locks easily in two moves with every 20 - 40 mm lifejacket belt, providing security & stability against sudden moves of panic
- Easy-to-read marking for instant inspection
- Lithium battery: Ensures 5 year lifetime and more than 8 hours of continuous operation. Better performance in extreme weather temperatures



Original Size



Code | 72349



Blister

LALIZAS Lifejacket LED Flashing Light "Safelite IV" ON-OFF Water-activated, SOLAS/MED/USCG

Code | 723491



Hole Puncher for 72348-49 Lights

Code | 71215



Base for Lifejacket Flashing Light 72349

Code | 71214



Base for Lifejacket Flashing Light 72348

Code | 72543



- Water-activated LED flashlight technology
- Extra powerful LED light: Offers lower consumption, longer life and operates automatically when it comes in contact with water
- ON-OFF button operation: To turn it ON-OFF when out of water
- Durable plastic body: 100% Waterproof via ultrasound welding & epoxy resin for extra safety
- Universal size clamp: Fits & locks easily in two moves with every 20 - 50 mm lifejacket belt, providing security & stability against sudden moves of panic
- Easy-to-read marking for instant inspection
- Alkaline battery: Ensures 5 year lifetime and more than 8 hours of continuous operation. Smoother and easier waste batteries management

Technical drawing of the LITOLUX A LED light strip. The dimensions are indicated as 50,5mm (length), 26mm (width), and 15,5mm (height). A wheel symbol is shown in the top right corner.

Code	72348
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LALIZAS STELLA Lifebuoy LED Light is a floating light that provides optimum visibility at sea.

- SOLAS/MED approved
- Floating lifebuoy light with high-visibility LED light
- Very compact lifebuoy light, low power consumption
- LED-type flashlight, operates with one R20 alkaline battery. 360° arc of visibility
- Dimensions: 160 x 80 x 80 mm
- Weight: 90 gr (without battery)
- Light intensity: 2 cd
- Duration: Approx. 8 hours at 60 flash/minute
- Battery: 1 x R20 battery / D type (not included)
- 3m rope included

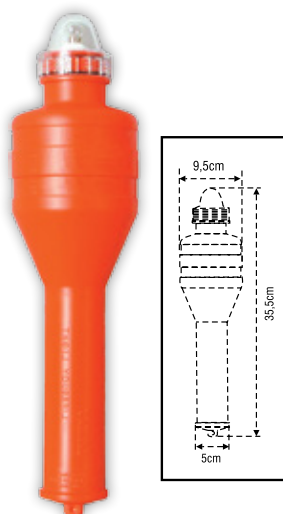
Code	196482
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Code | 45184

Clip Holder for STELLA Lifebuoy Light

- Fits any tube or rail, horizontal or vertical, with \varnothing 20 - 30 mm
- Screws are not included in the package
- Holder free inner \varnothing 38 mm (can fit equipment with \varnothing up to 45 mm)
- LALIZAS Lifebuoy Lights 196482 (STELLA) & 70030 can be fitted



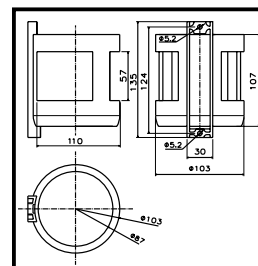
LALIZAS offers you optimum visibility at sea with its classic marine product, the Lifebuoy Light M.O.B.

- SOLAS/MED/USCG approved
- Not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (in white colour)
- 4 D-Cell 1.5V alkaline batteries are required (not included in the package).

Always use batteries marked with Best If Used By (BIUB) date (or Best Before date) and indicating lifespan of 7 to 10 years. It is essential to mark the Date of Battery.

Replacement to the special space provided on product in compliance with new MED Directive requirements.

Code	70030
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Code	70000
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LALIZAS Lifebuoy Light Holder

High-quality black polycarbonate lifebuoy light holder. Designed to hold the light vertically in the 'off' position and to provide easy removal in emergencies.



Code | 20581

Rail Mount for Lifebuoy Light

- Fits any tube or rail, horizontal or vertical, with \varnothing 19 - 25 mm
- Screws are included in the package
- Holder free inner \varnothing 42.5 mm (can fit equipment with \varnothing up to 47 mm)
- LALIZAS Lifebuoy Lights 196482 (STELLA) & 70030 can be fitted



Code	50530
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Spring Clip

- For flat surface mounting
- Screws are not included in the package
- Holder free inner Ø 38 mm (can fit equipment with Ø up to 47 mm)
- LALIZAS Lifebuoy Lights 196482 (STELLA) & 70030 can be fitted



LALIZAS Lifebuoy Light SOLAS/MED/USCG

LALIZAS Lifebuoy Light uses flashing light with LED technology and is designed to withstand the toughest rigours of the commercial and offshore sectors. It is completely watertight with a compact structure and designed to be tamper proof, corrosion resistant and to deliver, as a minimum standard, an omnidirectional over 2cd output for at least 2 hours.

Specifications

- SOLAS/MED/USCG approved
- Five-year lifetime
- No maintenance or replacement batteries are required
- Supplied complete with bracket & 1m Lifebuoy Lanyard
- Compact size
- Mounting bracket with easy fitting in all locations
- Advanced LED technology for low consumption and enhanced reliability



Code | 71325



Safety

LALIZAS Lifebuoy Light SOLAS/MED/USCG - ATEX/IECEx

LALIZAS Lifebuoy Light uses flashing light with LED technology and is designed to withstand the toughest rigours of the commercial and offshore sectors. It is completely watertight with a compact structure and designed to be tamper proof, corrosion resistant and to deliver, as a minimum standard, an omnidirectional over 2cd output for at least 2 hours. It is specifically designed to be highly resistant to accidental damage on board. Meeting full SOLAS and EC MED approvals, it is also approved to both ATEX and IECEx standards making it the only choice for hazardous installations such as offshore oil rigs, gas and oil tankers (for use in hazardous zones 0,1 and 2).

Specifications

- SOLAS/MED/USCG approved
- ATEX & IECEx Intrinsically Safe Approvals
- Intrinsically safe, for use in all potentially explosive zones
- Five-year lifetime
- No maintenance or replacement batteries are required
- Supplied complete with bracket & 1 m lifebuoy lanyard
- Compact size
- Mounting bracket with easy fitting in all locations

- Advanced LED technology for low consumption and enhanced reliability
- Also tested according to UL913, Standard for Safety, Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations.

Code | 71326



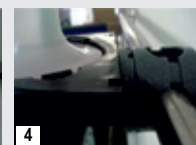
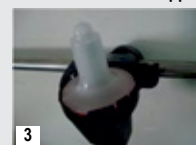
CE 1026

The holding base of 71325 & 71326 can be self-mounted or combined with the support bases of the "Store-All" cases



Rail Support Base for "Store-All" Cases - Graphite

Fixed Mount Support Base for "Store-All" Cases - Graphite



MOB Systems

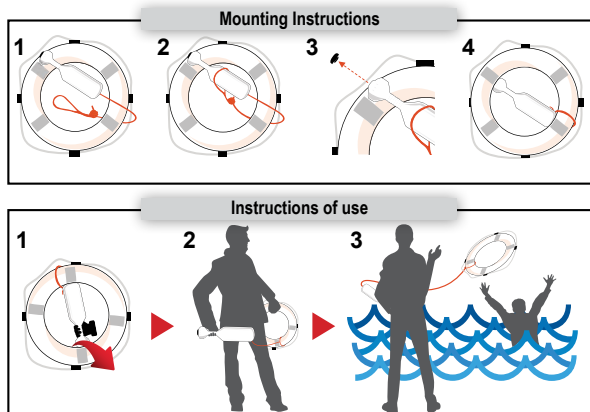


LALIZAS Encapsulated Lifebuoy Rescue Line, 30 m

- 30 m lifeline in plastic tube, which fits in LALIZAS lifebuoys
- Material: UV resistant polyethylene
- Dimensions: L 480 x W 130 x H 80 mm
- Weight: 950 gr
- Rope: Ø 8 mm, length 30 m
- Lifeline Breaking Load: 500 kg
- Compliance with SOLAS requirements



Code | 72190





LALIZAS Lifebuoy Ring, with SOLAS Retroreflective Tape

Designed for pleasure and commercial usage, features an orange, hard, cross - linked polyethylene outer shell that will not deteriorate and is unaffected by extreme weather conditions.

Code	70090	70110
Approval	SOLAS/MED	
Weight (kg)	2.5	4
Drop Height (m)	80	



Code	700901	701101
Approval	USCG SOLAS	
Weight (kg)	2.5	4
Drop Height (m)	80	

Plastic Holder for Lifebuoy Ring, Set of 3pcs

Code 01107


GIOVE

LALIZAS Lifebuoy Ring GIOVE, SOLAS/MED

- With 4 Retroreflective Tapes SOLAS (70180) & 3 m grabline
- Polyethylene outer structure, filled with polyurethane foam
- Stowage height: Anywhere up to 30 m above the waterline



Code	Ø ext. (cm)	Ø int. (cm)	Height (cm)	Weight (kg)	Buoyancy (N)
38158	63	41	12	2.5	144

SATURNO Lifebuoy Ring, Non-SOLAS

- Polyethylene structure
- Fitted with a 3m grabline


SATURNO

Code	Description	Ø ext. (cm)	Ø int. (cm)	Height (cm)	Weight (kg)	Buoyancy (N)
44666	Filled with polyurethane foam	57	35	9	1,3	88
12010	No foam-filling	57	35	9	0,9	91

Holder for Lifebuoy Ring & Light

- Glass-reinforced plastic
- Fits easily on any rail Ø 18-25 mm



Code 45185



Clip-on Lifebuoy Support, for Rail Ø25-28mm, White

Code | 197763



Safety

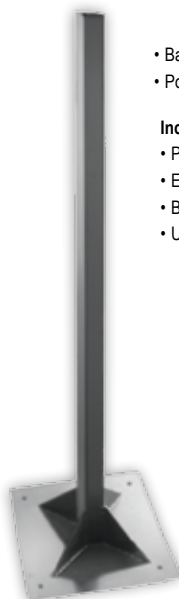


Height: 85cm
Width: 85cm
Depth: 20cm

LALIZAS Lifebuoy Ring Case with Ring (70090) & 30 m Floating Rope

Code | 71285

LALIZAS Deck Pole Base for Lifebuoy Ring Case



- Base Dimensions: 30x30cm
- Pole Height: 150cm

Includes:

- Pole base (1 pc)
- Expand bolts (4 pcs)
- Bolt & nut (1 pc)
- U bolts & nuts (2 pcs)

Code | 71286



Mounting Kit Included

LALIZAS Lifebuoy Ring SOLAS 75cm, Lifebuoy Light 71325, 30m Rope, Grey Case, Set

The Set includes:

- 1 Lifebuoy Ring (code 70090)
- 1 Lifebuoy Light (code 71325)
- 30m Floating Rope, Ø 8mm
- 1 case, made of durable PVC (code 72345)

- Can be mounted on handrails

**Lifebuoy Light 70030 (not included) can also fit into the case*

Code | 72077

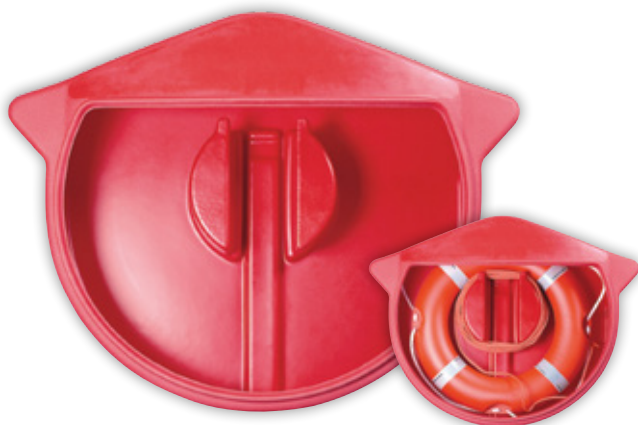


Case for Set Lifebuoy Ring SOLAS 75cm, Lifebuoy Light 71325, 30m Rope Grey

Code | 72345

Lifebuoy Ring Container Standard

Dimensions: 84 x 108 x 31 cm (H x W x Depth)



Code | 40212

Please note that the container is supplied empty. A lifebuoy ring must be ordered separately.

Container with Door for Lifebuoy Ring Ø 60 or 75 cm

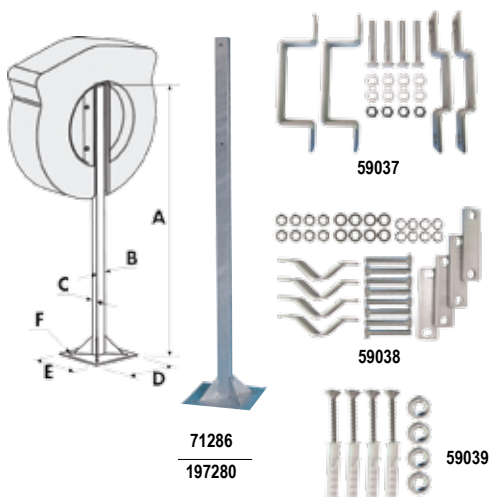
It features a transparent round opening to check the presence of the lifebuoy.
Dimensions: 90 x 90 x 22 cm (H x W x Depth)



Code | 196992

Please note that the container is supplied empty. A lifebuoy ring must be ordered separately.

Accessories for mounting



Description	Pole Kit for lifebuoy container		Mounting kit for rail	Wall mounting kit (bolts + screws)
	Pole	Mounting Kit For Pole		
For standard container model	71286		59038	59039
For container with door	197280	59037		

Code	Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (base hole diameter)
71286	Standard container	150	5,8	3,8	30	30	Ø 1,5 cm
197280	Container with door	200	10	5	30	30	2,5 x 1,4 cm (oblong hole)



Mooring Ring with 30m Rope Ø4mm

Designed for the retrieval of MOB, the ring is moulded in PVC, weighing only 250gr and it is tied to a 30m floating rope.

Ext. Diam.: 166 mm
Int. Diam.: 110 mm

Code | 20693

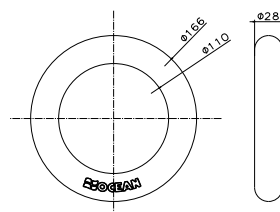


Lifebuoy Ring, No 45 with Rope

- Int.Diam. 210mm
- Ext.Diam. 420mm

Code | 63219

Mooring Ring, Ø166



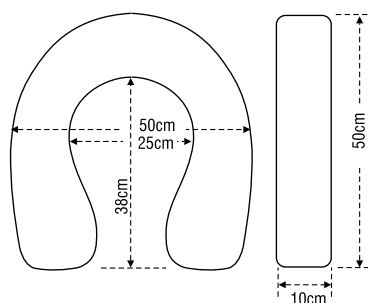
Code | 72449



Horseshoe Lifebuoy "Basic I", 140N

- Offers personal floatation to seafarers in case of man overboard emergency
- Essential equipment for all boats, both yachts and motorboats
- Made of polyethylene foam in reinforced PVC case with flexible zipper and plastic fastening clip
- Simple to use
- Three different colours: white, yellow and orange

Code	20530	20540	20550
Colour	Orange	White	Yellow



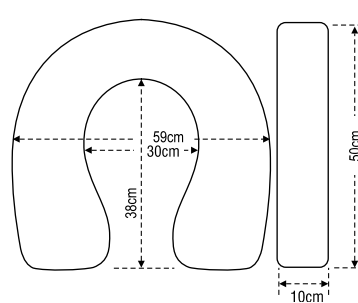
Horseshoe Lifebuoy "Quick RD", 142N

- Made of polyester with PVC backing
- Waterproof, its fabric doesn't fade
- Highly resistant to UV radiation
- Features a flexible zipper cover and plastic hook fastening

For storing this lifebuoy:

You can use the Horseshoe Bracket (20580), where the Lifebuoy Light M.O.B (70030) can be also mounted, while the "Quick Fit" Horseshoe Cases (70018 & 70019) are ideal for its storage.

Code	70162	70164	70165
Colour	Yellow	Orange	White



Horseshoe Lifebuoy Case with "Quick RD" Orange (70164), Lifebuoy Light (71325) & 30 m Rope, Grey

The set includes:

- 1 Horseshoe Lifebuoy "Quick RD" (code 70164)
- 1 Lifebuoy Light (code 71325)
- 30 m floating rope, Ø 8 mm, orange
- 1 case, made of durable PVC (code 72330)

- Can be mounted on handrails

*Lifebuoy Light 70030 (not included) can also fit into the case

Code | 72078



Horseshoe Case for "Quick RD", Grey

Code | 72330



Safety

Horseshoe Case "Quick Fit" for "Basic I"

- Suitable for storing the "Basic I" Horseshoe Lifebuoy
- Made of polyester fabric, with PVC backing
- Waterproof, protecting the lifebuoy from any weather conditions
- Features a quick velcro open – close system and straps for mounting the case on your boat's rails
- Its design allows you to store the lifebuoy light as well
- Available in white & yellow colour

Code	70018	70019
Colour	White	Yellow



Horseshoe Bracket, Inox

- Can be easily installed on any kind of vessel
- Its fixing system allows horseshoe and lifebuoy light to be easily removed in case of emergency



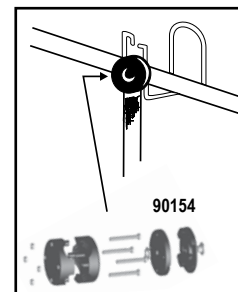
Code | 20580



Holder for Ring or Horseshoe Lifebuoy



Code | 20707



* The set of connector & rail mounts 90154 is not included



Code | 95733

Holder for Lifebuoy Ring/Horseshoe & Lifebuoy Light

- Ideal for placing and storing your lifebuoy ring or horseshoe
- It comes with a plastic holder, which makes it really easy to mount it on your boat's rails
- Made of stainless steel
- Comes with a small elastic stretch cord for keeping the ring or lifebuoy steady on the holder
- You can also store the lifebuoy light, since it features plastic clips on the base of the holder



Code | 20581

Rail Mount for Lifebuoy Light

- Fits any tube or rail, horizontal or vertical, with \varnothing 19 - 25 mm
- Screws are included in the package
- Holder free inner \varnothing 42.5 mm (can fit equipment with \varnothing up to 47 mm)
- LALIZAS Lifebuoy Lights 196482 (STELLA) & 70030 can be fitted



Connector, Parallel, for Fender Baskets, 2 pcs

Code | 90163



Connector & Rail Support for Fender Baskets, Set

Code | 90154



CABO Floating Line, Orange

Material: Polyethylene

Code	Diameter (mm)	Length (m)	Strength (kg)
94801	6	30	320
70260	8	30	400



CABO Floating Rope, Orange

Material: Polyethylene

Code	Diameter (mm)	Length (m)	Strength (kg)
98991*	6	200	320
98992*	8	200	400
98993*	10	200	600

* Sold by linear meter



new

Bracket for 72cm Lifebuoy Ring, Y- shaped, Inox 316

Ideal for all lifebuoys rings with a diameter of 72 cm.

Specifications:

- Type: Y-style
- Material: Inox 316
- Weight (kg): 2,3
- Dimensions (mm): W: 675 x L: 593 x H: 127
- Thickness (mm): 3
- Hole Diameter (mm): 5 x 12,5 & on the center 3 x 4,5

It is suitable for:

- LALIZAS Lifebuoy Ring SOLAS (70090, 700901, 70110, 701101)
- LALIZAS Lifebuoy Ring SOLAS (70090, 700901, 70110, 701101), the LALIZAS Lifebuoy Light USCG/SOLAS/MED-ATEX/IECEx (71325 & 71326) with the Fixed Mount Support Base for "Store-All" Cases (99826)
- LALIZAS Lifebuoy Ring SOLAS (70090, 700901, 70110, 701101), the LALIZAS Rail Mount for lifebuoy light (20581) with the Fixed Mount Support Base for "Store-All" Cases (99826) and the LALIZAS Lifebuoy Light M.O.B. SOLAS/MED, USCG (70030)
- LALIZAS Lifebuoy Ring SOLAS (70090, 700901, 70110, 701101), the Clip Holder for STELLA Lifebuoy Light (45184) and the LALIZAS Lifebuoy LED Light STELLA, SOLAS/MED (196482)



Code | 74873

LifeLink Rescue Sling

- Used for MOB retrieval
- Designed to be permanently mounted onto the pushpit in its own soft, easy-to-clean PVC bag
- The kit contains 36 m of floating line attached to a sturdy buoyant PVC life-sling and a personal retaining clip for added safety
- Deployment is achieved by removing the LifeLink, attaching the floating line to a secure point and throwing it towards the man overboard
- Once in the water, the boat should circle the casualty allowing the LifeLink to be towed to their aid
- Rescue is completed when the casualty is safely clipped into the LifeLink winched to the boat and hauled on board
- Available in white and yellow colour



Contents:

- Rail mounted PVC stowage bag
- 36m floating line
- LifeLink with webbing strap

Features:

- Breaking strain of line > 200 kg
- Breaking strain of flotation belt > 700 kg

Code	20440	73670
Colour	Yellow	White

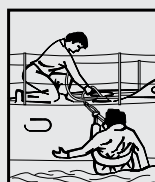
Meets ISAF regulation



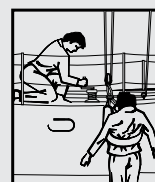
1. Deploy M.O.B. system astern circle casualty until contact is made.



2. Confirm casualty is secured in M.O.B. before rescue is attempted.



3. Winch casualty slowly to the boat.



4. Haul casualty on board.

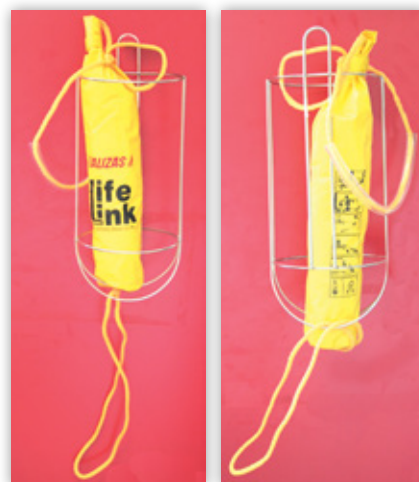
LifeLink Throwing Line, with 23m Rope

- Ideal for sailing, boating, canoeing, rafting and getting a line ashore
- Can be used either in hand or attached onto the rail for MOB retrieval
- Comes in a high visibility yellow bag with 23 m of floating line
- The smallest of the LifeLink MOB appliances offers maximum flexibility for storage
- Quick and easy to deploy
- Featuring a hand loop on top & an attachment loop at ends, it enables both the rescuer and casualty to be connected
- User instructions are printed on the reverse side of the bag
- The deployment loop has a PVC cover which aids grip and allows easy and quick rescue if required
- Can be used as a standard throwing sock or attached to the rail deployed and towed behind the vessel whilst circling the casualty

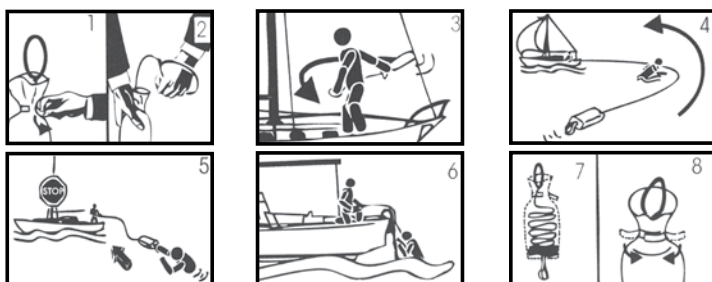


Code | 71682

Meets ISAF regulation

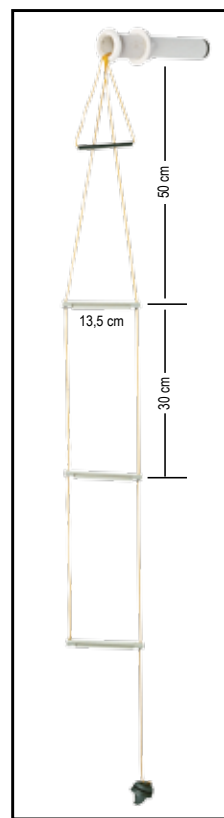
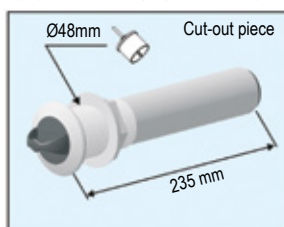


*Attention, the product is provided without the stainless steel bracket.



Flushmount Safety Ladder

- It helps any crewmember get back easily on board without external help
- Suitable for frequent use (during your vacations) or in case of Man Over Board
- It consists of 3 polypropylene steps and 1 stainless steel handle assembled by a highly resistant line (bright yellow polyester of Ø 3mm)
- It is stored in a polyamide tube with a grey polypropylene cap, for optimum protection and waterproofness
- The Man Over Board removes the cap, pulls the ladder down and climb on board
- Lightweight
- Easily flushmounted (like a thru-hull fitting)
- Transom or skirt mount (sail and power boats), just above waterline



Code | 51558

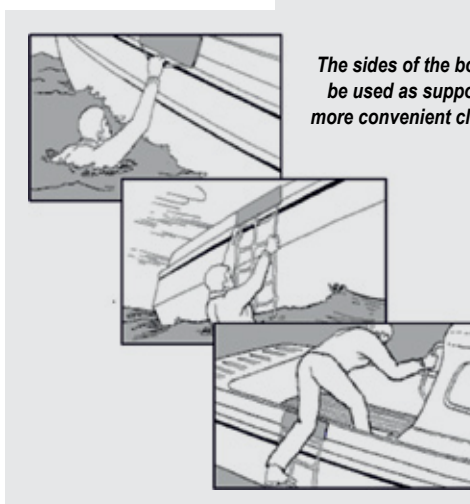
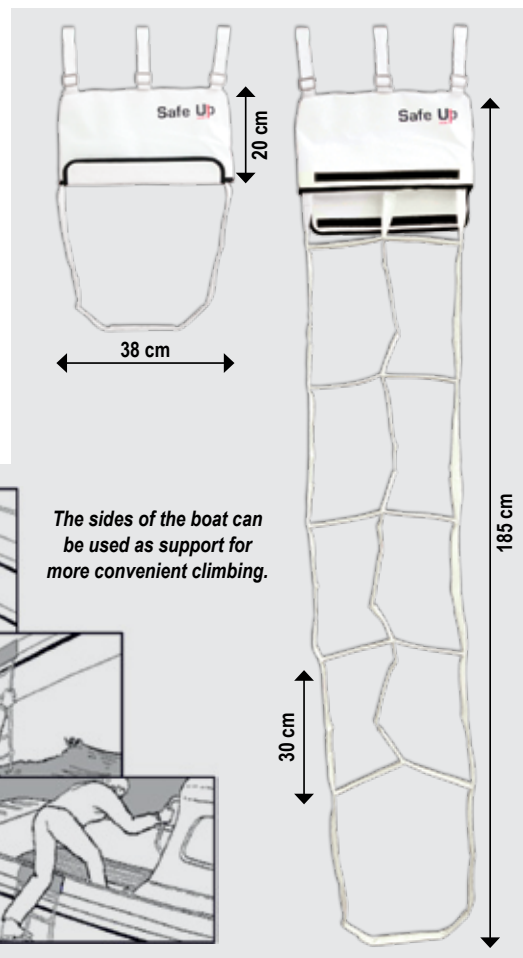




Safety Ladder "Safe Up", M.O.B, 5 steps

- A must-have MOB safety equipment for your boat
- Provides instant aid to an overboard crewmember in getting back on board
- The overboard crewmember only needs to grab & pull the handle in order to unfold instantly the fabric ladder and climb back on board safely
- It features 3 loops that can be fastened firmly on the rail of a boat and can be placed overboard
- When unfolded, it provides 5 steps with a steady foothold for the user to climb on board easily
- Lightweight
- Waterproof
- Made of durable fabric in order to withstand sunlight and harsh sea environment
- It can be repacked easily

- Dimensions when folded: Width 38 cm - Height 20 cm
- Dimensions when unfolded: Width 38 cm - Height 185 cm
- Case Fabric: 500D PVC & Polyester
- Webbing: Strong Polyester
- Weight limit: 507lbs (230kg)



Safety

LifeLink MOB Danbuoy & Horseshoe, Grey

- The MOB items are automatically inflated after release & coming into contact with water
- Saving valuable stowage space
- Easy-to-fit MOB
- Rapid deployment in case of emergency
- Material HDPE with UV protection
- All metal components are stainless steel
- Created via rotomolding
- Distance between horizontal rails: 300 – 310 mm

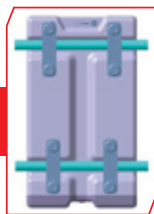
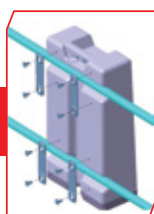
Includes:

- An HDPE durable case
- High visible inflatable Danbuoy assembled with LALIZAS Lifejacket LED Flashing Light water-activated "Safelite IV" SOLAS/MED/USCG
- High visible inflatable Horseshoe with LALIZAS Whistle (70010)
- Droogie
- The stainless steel parts for its placement onto boat rails

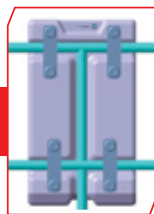
Code | 73669

Conforms to the ISAF Offshore
Special Regulations

Mounting
on the rails



2 horizontal rails



Intersection of 2
horizontal rails with a
vertical one



Made in EU



Safety

LALIZAS



CE

Certified EN361

Code | 71152

Vestype Safety Harness, with D-ring



LifeLink Safety Jacklines, Set (2 pcs)

- Provides you safety while on board without hindering your freedom of movement to a great extent
- Made of 25mm durable, UV-resistant polyester strap
- Features two loops to attach it to the boat
- Available in white colour and five sizes from 6m to 10m

Code	20702	20703	20704	20705	20706
Length (m)	6	7	8	9	10
Width (mm)	25				
Colour	White				

new

Rescue Tube, yellow



- Suitable for lifesaving use
- Can be used for emergencies or as an auxiliary equipment while swimming
- Lightweight, easy to use & carry
- High visibility yellow colour
- Buoyancy: >100N
- Dimensions: 96 x 16 x 8cm
- Weight: 0,8 kg

Code | 74368

Lifeguard Rescue Can, with Polyurethane Foam, Orange



- Used for rescue at sea
- Made of high-density polyethylene (HDPE)
- Internally filled with polyurethane foam, for greater buoyancy
- With cotton strap and polyethylene rope
- Buoyancy: >150N
- Dimensions (L x W x H): 68 x 24,5 x 14cm
- Maximum load: 150kg

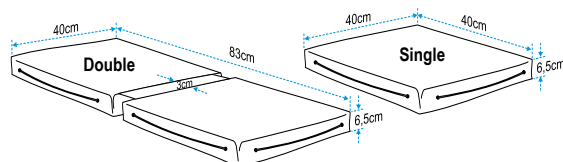
Code | 74371



Buoyant Deck Cushions

- Equipped with waterproof outer material and filled with polyethylene foam
- Can provide efficient buoyancy to the casualty in case of MOB situation
- With integral straps around the cushions for easy & quick carry
- Can lock on your boat with the nylon hook at their back
- Available in white, red and blue colour, single or double
- White cushions are made of PVC
- Red and blue cushions are made of polyester with PVC overlay
- It is recommended to spot clean the cushions with cold fresh water

Code	Deck Cushion	Colour	Material	Buoyancy (N)	Weight (kg)
11511	Single	White	PVC	100	0,5
11512	Double			200	1
11513	Single	Red	Polyester	90	0,5
11514	Double			190	1
11515	Single	Blue		90	0,5
11516	Double			190	1

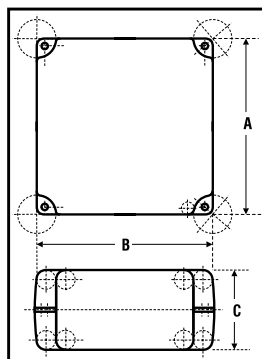




Lifesaving Apparatus

- For use on sail or motor boats
- Outer cover made of high strength polyethylene with an inner polystyrene filling
- Complete with all-round rope lifeline
- Available in 4, 8 and 12 person models
- High visibility orange
- Approved to EEP. Approval number: 4232/46/00

Code	70131	70133	70135
Persons	4	8	12
Volume (lit.)	80	151	252
Weight (kg)	5	11	18
A (cm)	55	76	100
B (cm)	55	76	100
C (cm)	25	25	25

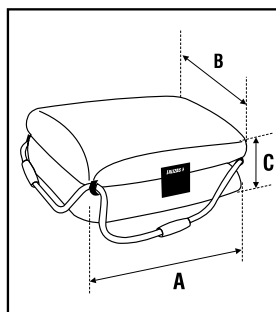


Safety

Lifesaving Apparatus "Cushion Type"

- For use on sail or motor boats
- Made of a durable nylon outer shell and inner layers of polyethylene
- Complete with all round rope (lifeline)
- Lightweight
- Can be used as a seat cushion
- Available in 3, 4 and 6 person models
- High visibility orange
- Approved to EEP. Approval number: 4232/24/01

Code	70270	70271	70272
Persons	3	4	6
A (cm)	40	52	46
B (cm)	50	47	70
C (cm)	29	25	36



DELFINO Life float Foam filled with Retroreflective Tape

- It provides efficient buoyancy in case of shipwreck or Man Overboard, allowing the casualties to gather for easier survival and rescue
- Made of indestructible plastic material
- High density polyethylene, filled with polyurethane foam for buoyancy
- Fitted with retroreflective tape for added visibility
- Braided rope is reeved through reinforced eyelets at regular intervals (2, 3 or 4 eyelets on each side) to account for a larger number of persons grasping the rope

Code	Persons	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
195392	4	900	900	280	16
195393	8	900	900	280	16
195394	12	980	980	300	23

Approved by
the Italian Merchant Marine

Made in Italy

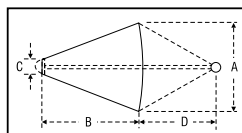


Sea Anchors-Drogues



Sea Anchor (Drogue)

- Designed to reduce the speed of the ship, slow down the drift, stabilize the hull, reduce the swing frequency, and effectively reduce the water drift effect of the hull
- Suitable for power boats, sail boats, inflatable boat, jet skis, kayaks as sea brake or sea anchor
- Ideal for fishing
- PVC strong coated with continuous inside webbing for added strength and durability
- Easy to deploy and to retrieve, without tangling and spinning
- With portable and compact design, it dries quickly and stores compactly
- Weighted bottom and automatic opening
- Available in 5 sizes
- Packed with harness buoy



ATTENTION: This is a very general guide and there may be variations based on the weight & keel of the boat, or even on the intended use of the sea anchor etc. Your choice should not be based only on the guide.



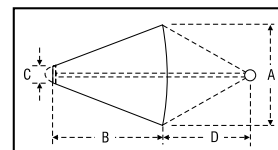
Code	Boat Length	A(cm)	B(cm)	C(cm)	D(cm)
10071	4,5m (15ft)	50	55	8	64
10072	6m (20ft)	65	75	10	70
10073	7,5m (25ft)	125	125	17	125
10074	9m (30ft)	135	142	20	125
10075	13,5m (45ft)	190	145	20	130



Professional Sea Anchor (Drogue)

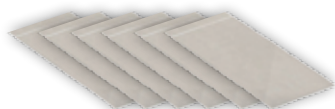
- Especially designed for use on large boats and under harsh conditions
- The fabric is 200D polyester coated on both sides with 0,45 mm PVC
- It is immensely strong using 40mm, UV-resistant webbing terminating on a 6 mm x 60 mm Inox connecting ring
- All drogues are supplied in a hardy and durable yellow safety storage bag
- Available in different sizes

Code	Boat Length	A (cm)	B (cm)	C (cm)	D (cm)
10240	15m (49ft)	200	165	20	160
10241	18m (59ft)	250	210	25	200
10242	21m (69ft)	300	250	30	240



ATTENTION: This is a very general guide and there may be variations based on the weight & keel of the boat, or even on the intended use of the sea anchor etc. Your choice should not be based only on the guide.

Retroreflective Tapes



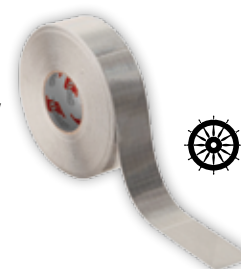
Retroreflective Tapes ORALITE , SOLAS, 5 x 10cm, Set (6pcs)

Retroreflective tape retail pack to SOLAS (L.S.A Code). Six 10cmx5cm self-adhesive strips per pack. May be sewn.

Code | 70190

Retroreflective Tape ORALITE, SOLAS & USCG, 40m Roll

- High performance micro prismatic tape
- Permanently marked with ships wheel logo for immediate compliance identification
- Single layer construction for durability, abrasion resistance and flexibility
- No risk of water penetration
- Complies with SOLAS and the IMO LSA Code
- Tested in accordance with IMO Resolution A.658 (16) for Type I applications
- Approved by the US Coast Guard and Bureau Veritas
- Vinyl construction designed for inflatable devices and use in harsh maritime environments
- Length 40 m, width 50mm



Code | 70180

Immersion Suits



LALIZAS Immersion Suit "Neptune", Insulated, SOLAS/MED

- Exceeds the latest SOLAS specifications for hypothermia protection
- Ideal for use on board ferries, offshore drilling rigs, rescue boats, man-overboard boats and for general commercial use
- Protects you in situations where the danger of hypothermia is great, increasing your chances of survival
- Made of reinforced neoprene material (5mm thickness)
- Ergonomic design
- Thermally insulated
- Diesel, oil & flame resistant
- Successfully submitted to water ingress, jump & leak tests
- Easy & quick donning
- Should be worn in conjunction with an approved lifejacket

- Features:**
- A face seal and flap
 - 3-finger gloves
 - Front waterproof zipper ankle cuffs
 - Neoprene pocket
 - SOLAS Retroreflective Tapes (70180)



* With rubber gloves

LALIZAS Immersion Suit "Neptune", Insulated, with Rubber Gloves, SOLAS/MED*

Code	72746	70457	72747
Size	Small	Universal Size	XLarge
Height Range (cm)	140-160	160-190	190-210
Weight Range (kg)	40-80	55-95	85-130

LALIZAS Immersion Suit "Neptune", Insulated, with Neoprene Gloves, SOLAS/MED

Code	72745	70454	70455
Size	Small	Universal Size	XLarge
Height Range (cm)	140-160	160-190	190-210
Weight Range (kg)	40-80	55-95	85-130



LALIZAS Inspection Device for Immersion Suit

The aluminium kit contains a set of Servicing Equipment:

- Face fixture (2 pcs)
- Pressure gauge (0-6kPa)
- Foot pump (with multi-valve adaptor)
- Glue and applicator (2 pcs)
- Neoprene patches

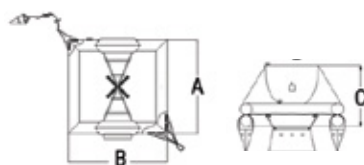
Code | 70168

MSC /Circ./1047, MSC /Circ. 1114



Safety

Liferafts



LALIZAS ISO ATLANTIC C Liferaft >24h

LALIZAS ISO ATLANTIC C Liferaft >24h is designed for survival for more than 24 hours. Ideal for offshore sailing with complete survival equipment. Certified according to ISO 9650-1 A testing standard. ISO 9650-1 defines liferafts designed for long voyages or cruises when gusts of wind can be expected, together with exceptional wave height (excluding abnormal conditions such as hurricanes). Each liferaft contains thermal floor, internal & external light, pop-up tent and 4 stabilising pockets.

Available in 4 to 12 person versions, packed either in a canister or in a waterproof valise. Designed to inflate in an outdoor temperature of -15°C to +65°C. The inspection interval depends on the flag. Please also be advised by your local LALIZAS Service Station.

With fully transferable 12-year warranty on fabric and seams (starting from the day of manufacture). The warranty is valid if the product has been properly stored & has undergone all its services by a LALIZAS authorised Service Station, in the proper service intervals, required by the flag administration & the manufacturer.

Equipment:

1. Sea anchor with rope (1 piece)
2. Life ring with rope (1 piece)
3. Floating paddles (2 pieces)
4. Immediate action (1 piece)
5. Floating knife (1 piece)
6. Canopy support (2 pieces)
7. Bailer (1 piece)
8. Sponge (2 pieces)
9. Whistle (1 piece)
10. Repair kit (1 piece)
11. Manual pump (1 piece)
12. User internal manual (1 piece)
13. Seasickness bag (12 pieces)
14. Torch kit (2 pieces)
15. Red hand flares (6 pieces)
16. Red parachute flares (2 pieces)
17. Signaling mirror (1 piece)
18. Drinking water (1,5 L per person)
19. Food per person (10.000 Kcal per person)
20. Anti-seasickness pills (6 per person)
21. First aid kit (1 piece – ISO)
22. Thermal protective aids (2 pieces)



Canister



Valise

Model	Dimensions (mm)		
	A	B	C
LALIZAS ISO ATLANTIC C 4	1940	2040	1240
LALIZAS ISO ATLANTIC C 6	1940	2040	1240
LALIZAS ISO ATLANTIC C 8	1940	3110	1240
LALIZAS ISO ATLANTIC C 10	1990	3760	1340
LALIZAS ISO ATLANTIC C 12	1990	3760	1340

Code		501538	501543	501548	501552	501555	501519	501524	501530	501534
Code		501470	501472	501477	501468	501469	501471	501473	501475	501467
Persons		4	6	8	10	12	4	6	8	10
Packaging		Canister					Valise			
Total Weight (kg)		47	51	61	79	82	44	48	57	72
Length (mm)		720	720	730	850	850	680	680	710	770
Width (mm)		460	460	470	600	600	340	340	330	440
Height (mm)		320	320	330	330	330	420	420	450	470

*Please note that all liferafts' dimensions and weight may slightly vary (± 3 cm for dimensions, ±5% for weight)

LALIZAS ISO ATLANTIC PG Liferaft >24H, Grab Bag

LALIZAS ISO ATLANTIC PG Liferaft >24 Grab Bag is supplied with an approved grab bag to reduce weight and dimensions, designed for survival more than 24 hours. Certified according to ISO 9650-1 A testing standard. ISO 9650-1 defines liferafts designed for long voyages or cruises when gusts of wind can be expected, together with exceptional wave height (excluding abnormal conditions such as hurricanes).

It is available in 4 to 12 person versions, packed either in a canister or in a waterproof valise. Each life raft contains thermal floor, internal and external light, pop-up tent and 4 stabilizing pockets. Designed to inflate in an outdoor temperature of -15°C to +65°C. Regarding the inspection interval, please be advised by your local LALIZAS Service Station.

With fully transferable 12-year warranty on fabric and seams (starting from the day of manufacture). The warranty is valid if the product has been properly stored & has undergone all its services by a LALIZAS authorised Service Station, in the proper service intervals, required by the flag administration & the manufacturer.

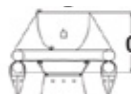
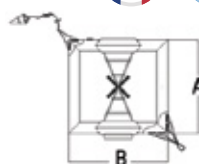
Equipment:

1. Sea anchor with rope (1 piece)
2. Life ring with rope (1 piece)
3. Floating paddles (2 pieces)
4. Immediate action (1 piece)
5. Floating knife (1 piece)
6. Canopy support (2 pieces)
7. Bailer (1 piece)
8. Sponge (2 pieces)
9. Whistle (1 piece)
10. Repair kit (1 piece)
11. Manual pump (1 piece)
12. User internal manual (1 piece)
13. Torch kit (2 pieces)
14. Red hand flares (3 pieces)
15. Red parachute flares (1 piece)
16. Signaling mirror (1 piece)
17. Drinking water (0,5 L per person)
18. Anti-seasickness pills (6 per person)

Grab bag Equipment:

1. Seasickness bag (8 pieces)
2. Red hand flares (3 pieces)
3. Red parachute flares (1 piece)
4. Drinking water (1 L per person)
5. Food (10.000 Kcal per person)
6. First aid kit (1 piece)
7. Thermal protective aids (2 pieces)

Made in Italy



Canister

Valise

Model	Dimensions (mm)		
	A	B	C
LALIZAS ISO ATLANTIC PG 4	1940	2040	1240
LALIZAS ISO ATLANTIC PG 6	1940	2040	1240
LALIZAS ISO ATLANTIC PG 8	1940	3110	1240
LALIZAS ISO ATLANTIC PG 10	1990	3760	1340
LALIZAS ISO ATLANTIC PG 12	1990	3760	1340

Code			501541	501546	501551	501556	501559	501522	501528	501533	501536
Persons			4	6	8	10	12	4	6	8	10
Packaging			Canister					Valise			
Total Weight (kg)			37	38	45	60	61	34	35	42	53
Length (mm)			660	660	720	850	850	640	640	650	760
Width (mm)			420	420	460	600	600	270	270	320	360
Height (mm)			280	280	320	290	290	400	400	390	450

LALIZAS ISO ATLANTIC P Liferaft <24

LALIZAS ISO ATLANTIC P Liferaft <24h is ideal for offshore sailing characterised by a complete "PLUS" survival kit. Certified according to ISO 9650-1 A testing standard. ISO 9650-1 defines life rafts designed for long voyages or cruises when gusts of wind can be expected, together with exceptional wave height (excluding abnormal conditions such as hurricanes).

It is available in 4 to 12 person versions, packed either in a canister or in a waterproof valise. Each liferaft contains thermal floor, internal and external light, pop-up tent and 4 stabilizing pockets. Designed to inflate in an outdoor temperature of -15°C to +65°C. Regarding the inspection interval, please be advised by your local LALIZAS Service Station.

With fully transferable 12-year warranty on fabric and seams (starting from the day of manufacture). The warranty is valid if the product has been properly stored & has undergone all its services by a LALIZAS authorised Service Station, in the proper service intervals, required by the flag administration & the manufacturer.

Equipment

1. Sea anchor with rope (1 piece)
2. Life ring with rope (1 piece)
3. Floating paddles (2 pieces)
4. Immediate action (1 piece)
5. Floating knife (1 piece)
6. Canopy support (2 pieces)
7. Bailer (1 piece)
8. Sponge (2 pieces)
9. Whistle (1 piece)
10. Repair kit (1 piece)
11. Manual pump (1 piece)
12. User internal manual (1 piece)
13. Seasickness bag (12 pieces)
14. Torch kit (2 pieces)
15. Red hand flares (3 pieces)
16. Red parachute flares (2 pieces)
17. Signaling mirror (1 piece)
18. Drinking water (0,5 L per person)
19. Anti-seasickness pills (6 per person)

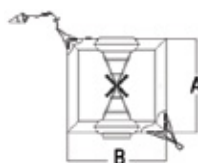


Valise



Canister

Made in Italy



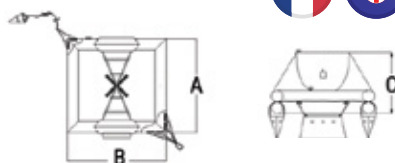
Model	Dimensions (mm)		
	A	B	C
LALIZAS ISO ATLANTIC P 4	1940	2040	1240
LALIZAS ISO ATLANTIC P 6	1940	2040	1240
LALIZAS ISO ATLANTIC P 8	1940	3110	1240
LALIZAS ISO ATLANTIC P 10	1990	3760	1340
LALIZAS ISO ATLANTIC P 12	1990	3760	1340

Code			501540	501545	501550	501553	501557	501521	501527	501532	501535
Persons			4	6	8	10	12	4	6	8	10
Packaging			Canister					Valise			
Total Weight (kg)			37	38	45	60	61	34	35	42	53
Length (mm)			660	660	720	850	850	640	640	650	760
Width (mm)			420	420	460	600	600	270	270	320	360
Height (mm)			280	280	320	290	290	400	400	390	450

*Please note that all liferaft dimensions and weight may slightly vary (±3 cm for dimensions, ±5% for weight)



Made in Italy



Model	Dimensions (mm)		
	A	B	C
LALIZAS ISO ATLANTIC L 4	1940	2040	1240
LALIZAS ISO ATLANTIC L 6	1940	2040	1240
LALIZAS ISO ATLANTIC L 8	1940	3110	1240
LALIZAS ISO ATLANTIC L 10	1990	3760	1340
LALIZAS ISO ATLANTIC L 12	1990	3760	1340

LALIZAS ISO ATLANTIC L Liferaft <24

LALIZAS ISO ATLANTIC L Liferaft <24h is ideal for offshore sailing with limited survival equipment. Certified according to ISO 9650-1 A testing standard. ISO 9650-1 defines liferafts designed for long voyages or cruises when gusts of wind can be expected, together with exceptional wave height (excluding abnormal conditions such as hurricanes). Each liferaft contains thermal floor, internal & external light, pop-up tent and 4 stabilising pockets.

Available in 4 to 12 person versions, packed either in a canister or in a waterproof valise. Designed to inflate in an outdoor temperature of -15°C to +65°C. The inspection interval depends on the flag. Please also be advised by your local LALIZAS Service Station.

With fully transferable 12-year warranty on fabric and seams (starting from the day of manufacture). The warranty is valid if the product has been properly stored & has undergone all its services by a LALIZAS authorised Service Station, in the proper service intervals, required by the flag administration & the manufacturer.

Equipment

1. Sea anchor with rope (1 piece)
2. Life ring with rope (1 piece)
3. Floating paddles (2 pieces)
4. Immediate action (1 piece)
5. Floating knife (1 piece)
6. Canopy support (2 pieces)
7. Bailer (1 piece)
8. Sponge (2 pieces)
9. Whistle (1 piece)
10. Repair kit (1 piece)
11. Manual pump (1 piece)
12. User internal manual (1 piece)
13. Seasickness bag (12 pieces)
14. Torch kit (1 piece)
15. Red hand flares (3 pieces)
16. Red parachute flares (2 pieces)
17. Signaling mirror (1 piece)
18. Anti-seasickness pills (6 per person)



Canister



Valise

Code	501539	501544	501549	501554	501558	501520	501526	501531	501560
Code	501481	501483	501484	501479	501480	501482	501478	501474	501476
Persons	4	6	8	10	12	4	6	8	10
Packaging	Canister					Valise			
Total Weight (kg)	35	35	41	55	55	32	32	38	48
Length (mm)	660	660	720	850	850	640	640	650	760
Width (mm)	420	420	460	600	600	270	270	320	360
Height (mm)	280	280	320	290	290	400	400	390	450

LALIZAS SEAWORLD Liferaft PB GR

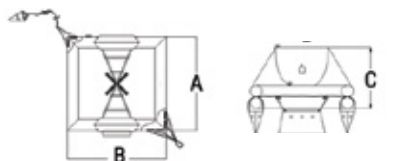
LALIZAS SEAWORLD Liferaft PB GR is extremely light and compact, ideal for yachts and small ships. It is manufactured according to the standards in Greece and it is equipped with a First Aid Kit approved by the Greek Ministry. It is available in 4 to 12 person versions, packed either in a canister or in a waterproof valise. Designed to inflate in an outdoor temperature of 0°C to +65°C. Regarding the inspection interval please be advised by your local LALIZAS Service Station.

Equipment

1. Sea anchor with rope (1 piece)
2. Life ring with rope (1 piece)
3. Floating paddles (2 pieces)
4. Immediate action (1 piece)
5. Knife (1 piece)
6. Canopy support (2 pieces)
7. Bailer (1 piece)
8. Sponge (2 pieces)
9. Whistle (1 piece)
10. Repair kit (1 piece)
11. Manual pump (1 piece)
12. User internal manual (1 piece)
13. Seasickness bag (12 pieces)
14. Torch kit (1 piece)
15. Red hand flares (4 pieces)
16. Red parachute flares (2 pieces)
17. Drinking water (0,3 L per person)
18. First aid kit (1 piece)
19. Signaling table (1 piece)



Made in Italy



Model	Dimensions (mm)		
	A	B	C
LALIZAS SEAWORLD PB 4	1940	2040	1240
LALIZAS SEAWORLD PB 6	1940	2040	1240
LALIZAS SEAWORLD PB 8	1940	3110	1240
LALIZAS SEAWORLD PB 10	1990	3760	1340
LALIZAS SEAWORLD PB 12	1990	3760	1340



Canister



Valise

Code	501491	501493	501495	501497	501499	501501	501502	501504	501506	501508
Persons	4	6	8	10	12	4	6	8	10	12
Packaging	Canister					Valise				
Total Weight (kg)	34	35	39	50	51,5	25	25,5	29	48	49
Length (mm)	680	680	720	730	730	660	660	660	720	720
Width (mm)	420	420	460	470	470	280	280	330	360	360
Height (mm)	280	280	320	330	330	350	350	400	400	400

*Please note that all liferaft dimensions and weight may slightly vary (±3 cm for dimensions, ±5% for weight)

LALIZAS ISO RACING Liferaft, <24h

LALIZAS ISO RACING high-quality standard liferaft is ultra-light, having a compact size which provides easy storage. Due to the lightweight material, it is ideal for racing sailboats that need to save space and weight. Its manufacturing technology and materials are inspired by the aviation industry to ensure maximum performance. Available in sizes for 4 - 12 persons, packed either in a canister or in a waterproof valise.

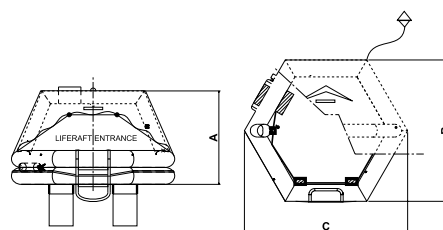
It is automatically inflated by a 12-metre painter line and its inflation system provides enough gas to inflate all the buoyancy chambers. Each chamber is capable of fully supporting the raft with its maximum number of occupants. LALIZAS ISO RACING is manufactured and certified according to ISO 9650-1 standards for Safety and offers highly visible, stable and sheltered conditions for the occupants.

With fully transferable 12-year warranty on fabric and seams (starting from the day of manufacture). The warranty is valid if the product has been properly stored & has undergone all its services by a LALIZAS authorised Service Station, in the proper service intervals, required by the flag administration & the manufacturer.



Ultra Lightweight

Approved by BV & MMF
Made in EU



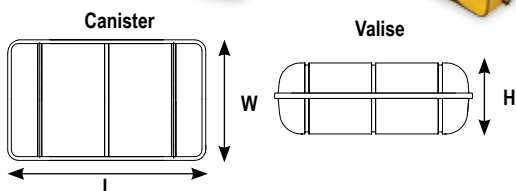
Model	Dimensions (mm)		
	A	B	C
ISO RACING 4	1170	1770	2044
ISO RACING 6	1200	2090	2413
ISO RACING 8	1250	2385	2755
ISO RACING 10	1300	2615	3020
ISO RACING 12	1350	2850	3291

*723711, 723721, 723731, 723741, 723751, 723771, 723781 & 723791

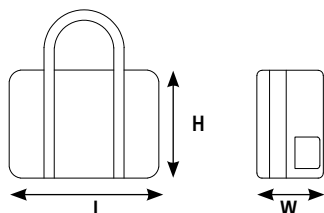
Approved by Bureau Veritas for Recreational Crafts under the French Flag.

** 723712, 723722, 723732, 723742, 723752, 723762, 723772, 723782 & 723792

Only for UK Anti-seasickness pills /per person (6pcs) are not included.



Code	72371	72372	72373	72374	72375
Code	723711	723721	723731	723741	723751
Code	723712	723722	723732	723742	723752
Persons	4	6	8	10	12
Packaging	Canister				
Total Weight (kg)	29	32	36	42	45
L (mm)	680	695	695	841	841
W (mm)	480	495	495	551	551
H (mm)	240	252	252	302	302



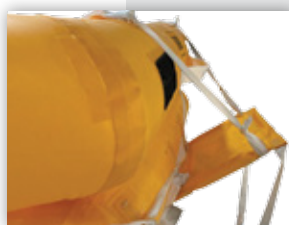
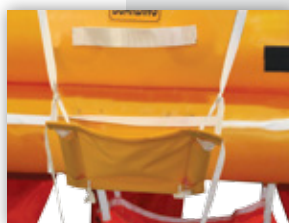
Code	72376	72377	72378	72379
Code	723761	723771	723781	723791
Code	723762	723772	723782	723792
Persons	4	6	8	10
Packaging	Valise			
Total Weight (kg)	27	30	34	38
L (mm)	630	630	680	740
W (mm)	250	250	300	340
H (mm)	420	420	430	470

Features & Specifications

1. Thermally insulated floor
2. International orange, self-erecting canopy with retro-reflective tapes
3. Twin independent buoyancy tubes containing safety valves
4. Rain water collection gutter
5. Ventilation and observation port
6. Fully closeable entrance flap. The 10 to 12 person versions also include an additional entrance.
7. External, internal lifelines and righting device suitable for handling even by one person
8. Comprehensive international service centers
9. Operating temperature -15° C to + 65° C
10. Stowage max height: 6m above sea level

Standard Equipment

1. Portable buoyant bailer (1pc)
2. Sponge (2pcs)
3. Pair of buoyant paddles (1pc)
4. Whistle (1pc)
5. Waterproof torch /bulb (2pcs)
6. Signalling mirror (1pc)
7. Anti-seasickness pills/per person (6pcs)
8. Seasickness bag/per person (1pc)
9. Red hand flare (in accordance with SOLAS LSA Code Chapter III, 3.2) (3pcs)
10. Red parachute flares (in accordance with SOLAS LSA Code Chapter III, 3.1) (2pcs)
11. Repair kit (1pc)
12. Bellow (1pc)
13. Operational Manual (1pc)
14. Table of the life-saving signals (1pc)
15. Log Book + Immediate actions Card (1pc)
16. Mooring Ring with 30m rope (1pc)
17. Safety knife connected to the liferaft, buoyant, fixed blade, rounded tips (1pc)
18. Floating anchor with 30m rope (1pc)



*Please note that all liferaft dimensions and weight may slightly vary (±3 cm for dimensions, ±5% for weight)



Made in Italy



Canister



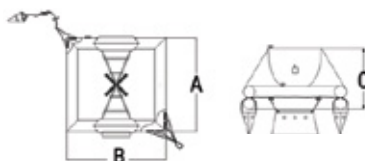
Valise

LALIZAS SEAWORLD Liferaft PB

LALIZAS SEAWORLD Liferaft PB is ideal for coastal navigation in countries where there is no specific legislation. It is available in 4 to 12 person versions, packed either in a canister or in a waterproof valise. It comes with equipment of complete version. Designed to inflate in an outdoor temperature of 0°C to +65°C. Regarding the inspection interval, please be advised by your local LALIZAS Service Station.

Equipment

1. Sea anchor with rope (1 piece)
2. Life ring with rope (1 piece)
3. Floating paddles (2 pieces)
4. Immediate action (1 piece)
5. Floating knife (1 piece)
6. Canopy support (2 pieces)
7. Bailer (1 piece)
8. Sponge (2 pieces)
9. Whistle (1 piece)
10. Repair kit (1 piece)
11. Manual pump (1 piece)
12. User internal manual (1 piece)
13. Seasickness bag (12 pieces)
14. Torch kit (1 piece)
15. Red hand flares (3 pieces)
16. Drinking water (0,5 L per person)
17. Anti-seasickness pills (6 per person)
18. First aid kit (1 piece – Leisure)



Model	Dimensions (mm)		
	A	B	C
LALIZAS SEAWORLD PB 4	1940	2040	1240
LALIZAS SEAWORLD PB 6	1940	2040	1240
LALIZAS SEAWORLD PB 8	1940	3110	1240
LALIZAS SEAWORLD PB 10	1990	3760	1340
LALIZAS SEAWORLD PB 12	1990	3760	1340

Code	501575	501576	501577	501578	501579	501571	501572	501573	501574
Persons	4	6	8	10	12	4	6	8	10
Packaging	Canister					Valise			
Total Weight (kg)	29	30	35	50	51,5	27	28	32	48
Length (mm)	660	660	660	740	740	660	660	640	690
Width (mm)	420	420	420	470	470	280	280	270	370
Height (mm)	280	280	280	330	330	350	350	400	420

LALIZAS SEAWORLD Liferaft LB

LALIZAS SEAWORLD Liferaft LB is ideal for coastal navigation in countries where there is no specific legislation. It is available in 4 to 12 person versions, packed either in a canister or in a waterproof valise, and comes with equipment of lightened version. Designed to inflate in an outdoor temperature of 0°C to +65°C. Regarding the inspection interval, please be advised by your local LALIZAS Service Station.

Equipment

1. Sea anchor with rope (1 piece)
2. Life ring with rope (1 piece)
3. Floating paddles (2 pieces)
4. Immediate action (1 piece)
5. Knife (1 piece)
6. Bailer (1 piece)
7. Sponge (2 pieces)
8. Whistle (1 piece)
9. Repair kit (1 piece)
10. Manual pump (1 piece)
11. User internal manual (1 piece)
12. Seasickness bag (12 pieces)
13. Torch kit (1 piece)



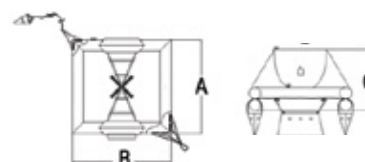
Made in Italy



Canister



Valise



Model	Dimensions (mm)		
	A	B	C
LALIZAS SEAWORLD LB 4	1940	2040	1240
LALIZAS SEAWORLD LB 6	1940	2040	1240
LALIZAS SEAWORLD LB 8	1940	3110	1240
LALIZAS SEAWORLD LB 10	1990	3760	1340
LALIZAS SEAWORLD LB 12	1990	3760	1340

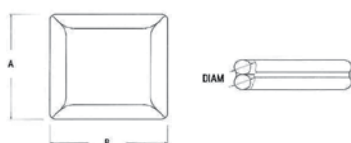
Code	501566	501567	501568	501569	501570	501561	501562	501563	501564	501565
Persons	4	6	8	10	12	4	6	8	10	12
Packaging	Canister					Valise				
Total Weight (kg)	29	29	30	51,5	51,5	26	26	27	40	40
Length (mm)	660	660	660	750	750	660	660	660	660	660
Width (mm)	420	420	420	480	480	280	280	280	330	330
Height (mm)	280	280	280	330	330	350	350	350	400	400

*Please note that all liferaft dimensions and weight may slightly vary (±3 cm for dimensions, ±5% for weight)





Made in Italy



Model	Dimensions (mm)		
	A	B	DIAM
LALIZAS EUROPE II INSHORE 4	1440	1440	220
LALIZAS EUROPE II INSHORE 6	1700	1700	240
LALIZAS EUROPE II INSHORE P 8	1940	1940	260

LALIZAS EUROPE II INSHORE Liferaft

LALIZAS EUROPE II INSHORE Liferaft can be used on recreational boats. Certified according to ISO 9650-2 testing standard. ISO 9650-2 defines liferafts designed for sailing in areas where moderate conditions are expected, such as coastal waters, bays, estuaries, rivers and lakes. Available in 4 to 8 person versions, packed either in a canister or in a waterproof valise. Designed to inflate in an outdoor temperature of 0°C to +65°C. The inspection interval depends on the flag. Please also be advised by your local LALIZAS Service Station.

Equipment

1. Sea anchor with rope (1 piece)
2. Life ring with rope (1 piece)
3. Floating paddles (2 pieces)
4. Immediate action (1 piece)
5. Floating knife (1 piece)
6. Canopy support (2 pieces)
7. Bailer (1 piece)
8. Sponge (2 pieces)
9. Whistle (1 piece)
10. Repair kit (1 piece)
11. Manual pump (1 piece)
12. User internal manual (1 piece)
13. Seasickness bag (12 pieces)
14. Torch kit (1 piece)
15. Red hand flares (3 pieces)
16. Red parachute flares (2 pieces)
17. Signaling mirror (1 piece)
18. Anti-seasickness pills (6 per person)

Canister

Valise

Code			501537	501542	501547	501518	501523	501529
Code			501485	501486	501487	501488	501489	501490
Persons			4	6	8	4	6	8
Packaging			Canister			Valise		
Total Weight (kg)			30	34	36	28	30	33
Length (mm)			660	660	660	700	700	700
Width (mm)			420	420	420	300	300	320
Height (mm)			280	280	280	320	320	350

LALIZAS LEISURE-RAFT Liferaft

Ideal for in-shore boating, the LALIZAS high quality standard Leisure-Raft is perfect for those that don't need a full feature liferaft. It is the smallest, lightest and most inexpensive liferaft in the market. The LALIZAS Leisure-Raft with its light weight allows for easy deployment, and the compact size makes storage easy in the smallest spaces.

- TPED approved CO₂ cylinder for easy transport
- Thermobonding technique that ensures extreme durability and reliability
- SOLAS approved water-activated compact LED light

Standard Equipment

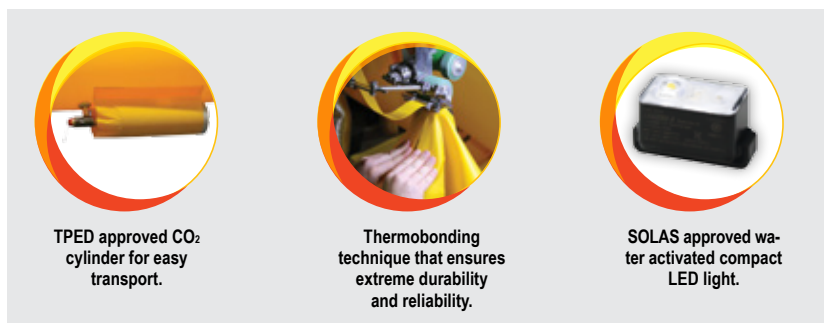
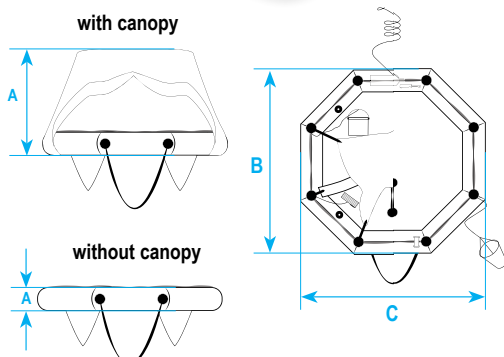
- 20 ft. (6m) Painter line
- Hand pump - Sea anchor (1 piece)
- Raft knife (1 piece)
- Pressure relief valve (1 piece)
- CO₂ Inflation system
- Water-activated locator light
- Ballast bags (2 pieces)
- Case (1 piece)

Valise

LEISURE-RAFT

Made in EU

Code	Persons	Description	Liferaft Dimensions (mm)			Valise Dimensions (mm)			Weight (kg)
			A	B	C	Length	Width	Height	
72201	4	without canopy	225	2004	2443	410	320	140	8,20
72203	6	without canopy	308	2004	2443	500	340	180	11,50
72200	4	with canopy	1170	2004	2443	410	330	150	9,10
72202	6	with canopy	1200	2004	2443	500	350	190	12,50



*Please note that all life rafts' dimensions and weight may slightly vary (±3 cm for dimensions, ±5% for weight)



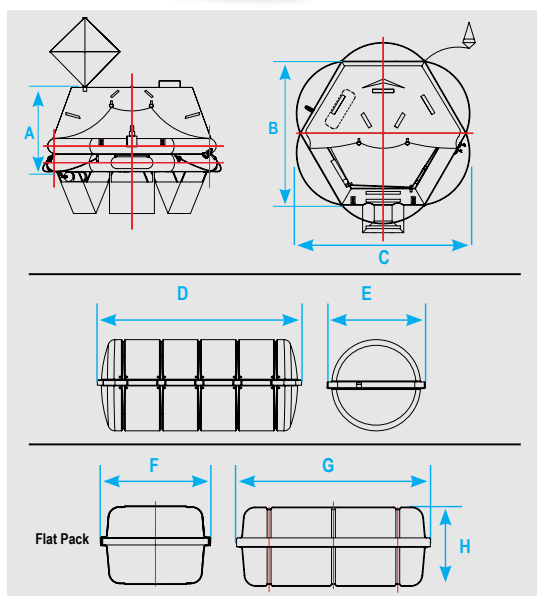
LALIZAS Liferaft SOLAS OCEANO, Throw-overboard Type

Ideal for use onboard commercial vessels engaged on international voyages.

- 6, 8, 10, 12, 16, 20, 25, 30 & 35 person - Pack A & Pack B - Throw overboard

- Deck cradle included in the box

- Stowage Height up to 36m (painter line up to 46m)



Code	Persons	Weight (kg)*	Pack	Dimensions (mm)							
				A	B	C	D	E	F	G	H
79867	6	76	A	1200	2104	2104	1090	615	-	-	-
79903		66	B				1045	545	-	-	-
79868	8	85	A	1250	2390	2390	1090	615	-	-	-
79880		85	Flat - A				-	-	564	994	405
79904		73	B				1045	545	-	-	-
79869	10	98	A	1400	2694	2694	1230	630	-	-	-
79905		82	B				1090	615	-	-	-
79870	12	108	A	1500	2924	2924	1230	630	-	-	-
79882		108	Flat - A				-	-	664	1044	405
79906		92	B				1090	615	-	-	-
79872	16	127	A	1600	3330	3330	1285	670	-	-	-
79908		100	B				1230	645	-	-	-
79873	20	149	A	1600	4304	2974	1335	696	-	-	-
79909		120	B				1285	670	-	-	-
79874	25	178	A	1650	4894	3194	1490	757	-	-	-
79910		135	B				1335	696	-	-	-
79875	30	205	A	1700	5384	3414	1700	765	-	-	-
79911		140	B				1490	757	-	-	-
79876	35	223	A	1750	5899	3568	1700	765	-	-	-
79912		148	B				1490	757	-	-	-

*Total weight of each liferaft including its canister, without the deck cradle & the wooden box.



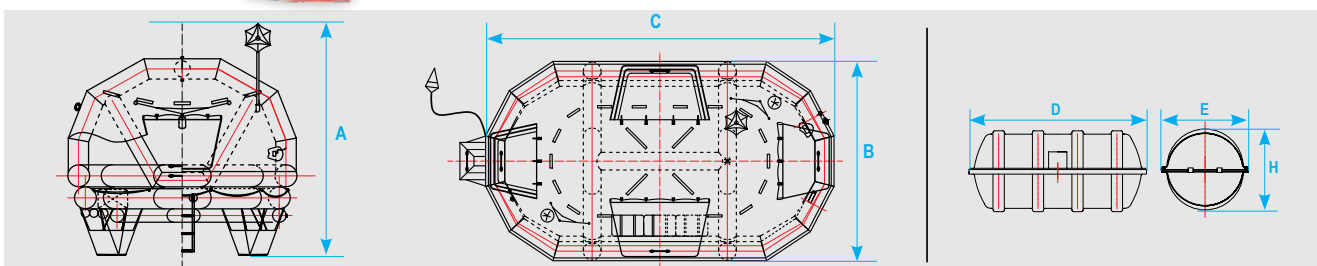
LALIZAS Liferaft SOLAS OCEANO, Throw-overboard Self-righting Type

For use on all types of passenger vessels.



Code	Persons	Weight (kg)*	Pack	Dimensions (mm)					
				A	B	C	D	E	H
72549	25	235	A	2250	3130	5350	1700	765	680
72552		175	B				1490	757	678
72550	50	395	A	2900	4275	7470	2095	895	877
72553		280	B				1800	810	700
72551	100	830	A	3400	5380	11090	2400	1050	1050
72554		600	B				2095	895	995

*Total weight of each liferaft including its canister, without the deck cradle & the wooden box.

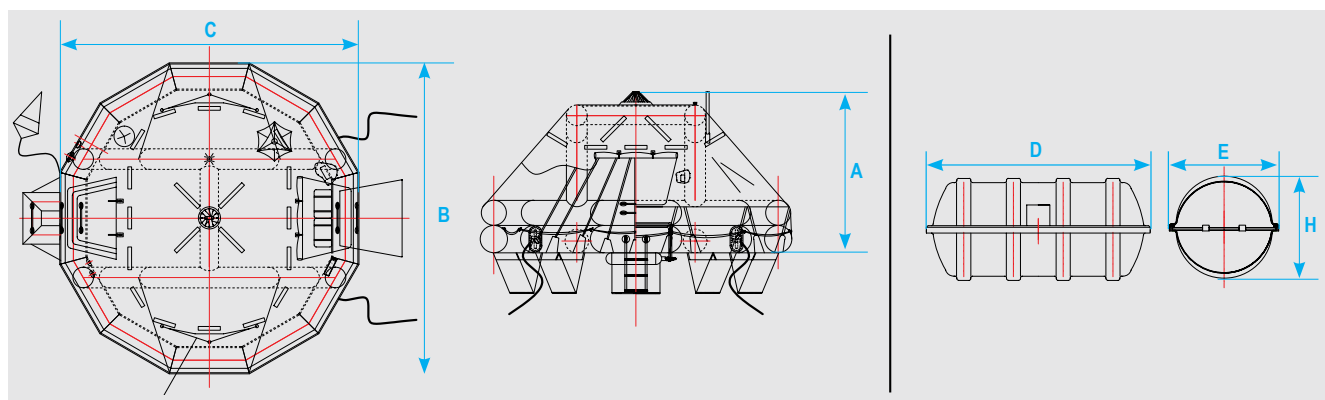


LALIZAS Liferaft SOLAS OCEANO, Davit-launched Type

Can be used at all kinds of vessels, providing safe evacuation from the vessel's deck.

Code	Persons	Weight (kg)*	Pack	Dimensions (mm)					
				A	B	C	D	E	H
75187	12	148	A	1600	2983	2903	1286	670	670
73134	16	160	A	1800	3392	3302	1350	700	700
73135		125	B				1285	670	670
79885	20	208	A	1850	3815	3715	1470	750	710
79888		165	B				1350	700	660
79886	25	240	A	2000	4225	4065	1680	770	710
79889		185	B				1470	750	710

*Total weight of each liferaft including its canister, without the deck cradle & the wooden box.

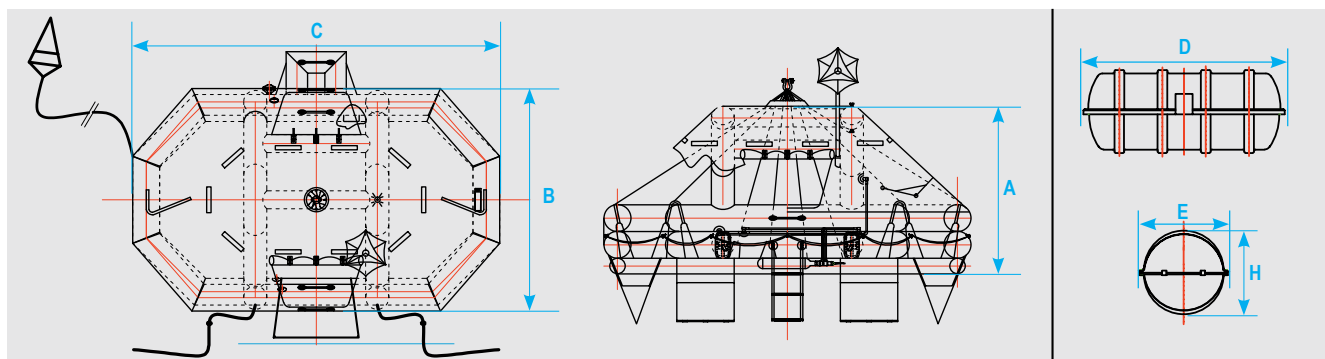


LALIZAS Liferaft SOLAS OCEANO, Davit-launched Self-righting Type

Can be used at all types of passenger vessels, providing safe evacuation from the vessel's deck.

Code	Persons	Weight (kg)*	Pack	Dimensions (mm)					
				A	B	C	D	E	H
73138	16	180	A	1950	2950	4270	1470	750	710
73142		150	B				1350	700	660
73139	20	215	A	2200	2860	4700	1680	770	710
73143		170	B				1470	750	710
73140	25	265	A	2380	3240	5255	1660	820	715
73144		205	B				1470	750	710
73141	37	370	A	2600	3780	6280	1875	850	835
73145		272	B				1660	820	715

*Total weight of each liferaft including its canister, without the deck cradle & the wooden box.





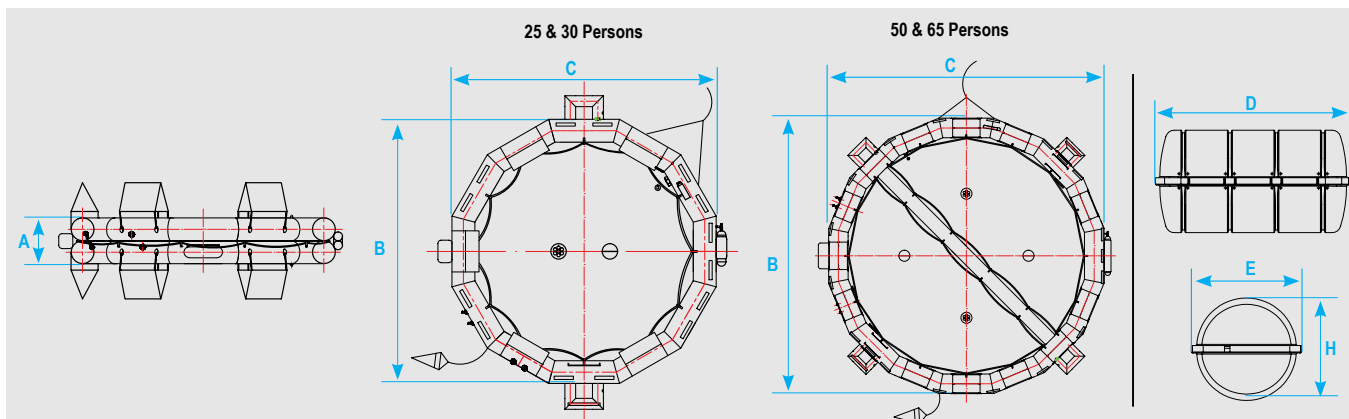
LALIZAS Liferaft SOLAS OCEANO, Open Reversible Type

Ideal for passenger ships operating in inland or coastal waters.



Code	Persons	Weight (kg)*	Pack	Dimensions (mm)					
				A	B	C	D	E	H
79898	25	92	HSC	712	4114	4114	1090	615	530
79899	30	109		746	4474	4474	1230	630	550
79900	50	168	HSC	854	5680	5680	1490	757	678
79901	65	215		914	6434	6434	1700	755	680

*Total weight of each liferaft including its canister, without the deck cradle & the wooden box.



Liferaft Equipment



LALIZAS Hydrostatic Release Unit for Liferafts, SOLAS/MED/USCG

LALIZAS HRU mechanism is the outcome of a long-term experience in liferafts' manufacturing, designed and produced in the EU (in Greece), in accordance with SOLAS/MED/USCG regulations. It can easily be installed on board, attached to the liferaft according to instructions. The mechanism is being automatically activated, in the event of sinking, in a depth of between 1.5 and 4m, allowing the liferaft to be inflated and detached from the sinking vessel. It can be installed to all liferafts of 4-150 persons.

- No maintenance required
- Requires replacement 2 years after installation on board or 4 years after manufacture (whichever occurs first)
- Tested & approved by Force Certification A/S
- SOLAS/MED/USCG approved



Made in Greece

Code | 73595

LALIZAS LRL External & Internal Liferaft Light, SOLAS/MED/USCG

LALIZAS External & Internal Liferaft Light is included in the basic equipment of the liferaft, having a compact size and structure. Its features make the installation to the life raft easy and safe while it is fully sealed and watertight. The external flashing light is designed to produce a minimum of 4.3 cd and the internal steady light a minimum of 0.5 cd. LALIZAS External & Internal Liferaft Light has a minimum duration of 12 hours and both lamps can be controlled individually. It has lithium battery and LED light and the storage lifetime is 5 years. LALIZAS LRL comes with 70 cm lead length, but this can be varied, subject to the liferaft size and specs.

- Storage & operating temperature: -30° C to +65° C.
- SOLAS/MED/USCG approved.



Code	Description
72352	LALIZAS LRL Power Unit with Internal Liferaft Light, SOLAS/MED/USCG
72351	LALIZAS LRL External Liferaft Light, with 1m lead, for PU & Rubber surface, SOLAS/MED/USCG
73675	LALIZAS LRL External Liferaft Light, with 1,80m lead, for PVC surface, SOLAS/MED/USCG



Liferaft LED Flashlight

AA Alkaline 1,5V x 2pcs
(batteries are not included)

Code | 71217



Mooring Ring with 30m Rope Ø4mm

Designed for the retrieval of MOB, the ring is moulded in PVC, weighing only 250gr and it is tied to a 30m floating rope.

Ext. Diam.: 166 mm
Int. Diam.: 110 mm

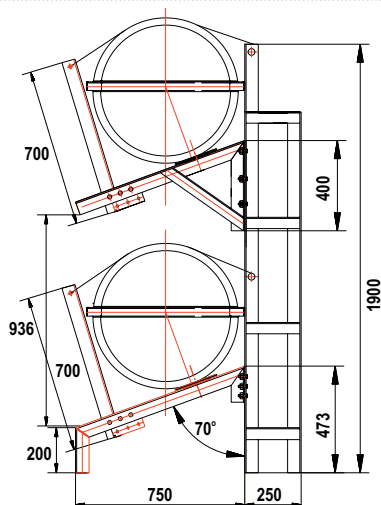
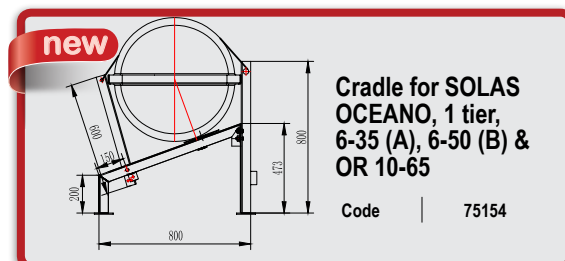
Code | 20693

LALIZAS Lashing with Hook

Suitable for:

- All Hydrostatic Release Units
- LALIZAS OCEANO Liferaft (all types)

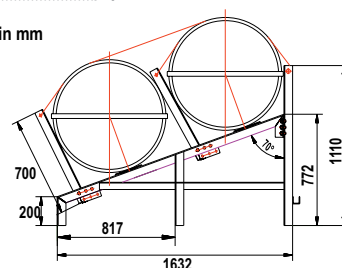
Code	71892	72748
For life rafts	6-35 prs	> 50 prs



Vertical Cradle for SOLAS OCEANO, 2-tier, 6-25(A), 6-35(B)

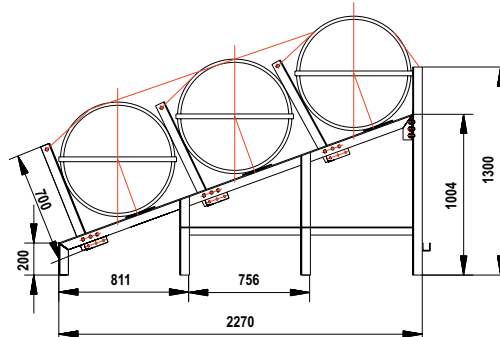
Code | 72119

Dimensions are in mm



Cradle for SOLAS OCEANO, 2-tier, 30-35(A)

Code | 72136



Cradle for SOLAS OCEANO, 3-tier, 6-25(A), 6-35(B)

Code | 72120



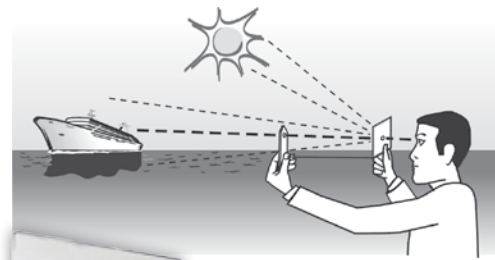
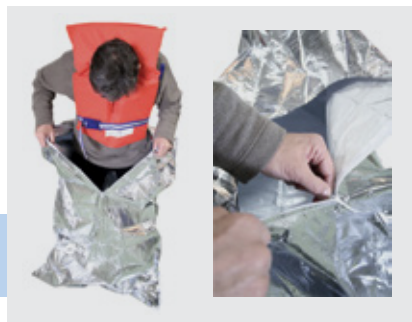
LALIZAS Thermal Protective Aid Alusafe-T, LSA Code

- Meets the LSA code requirements
- Protects the wearer from hypothermia, which may be caused by prolonged exposure in liferaft and rescue boats
- Offers survivor's protection from wind and cold
- Made of aluminium film coated fabric
- The low thermal conductivity of aluminium reduces both the convective and evaporative heat loss from the wearer's body and preserves stable temperature
- Covers the fully clad body, wearing even a lifejacket
- Available in one size, in silver colour



Code | 70461

Height range : 1,45 - 2,00 m
Weight range: 40-150 Kg



Signalling Mirror 7x7cm



Code | 56570

Instructions of use:

1. Hold the foresight in your left hand with arm fully extended
2. Hold the signalling mirror in right hand toward the sunlight, facing the back of the mirror
3. Align the holes of the foresight and the mirror on the target
4. Move the mirror until the reflection of the sun from the mirror can be seen on the foresight and a shadow point appears in its hole
5. The ray is now directed at the target

Thermal Blanket, 2,1 x 1,6m



- First Aid Application
- In case of severe cold or shock wrap the blanket around the body
- Keeps the body's temperature under very low or very high temperatures
- Prevents post - accident shock
- Waterproof
- Its reflective surface provides high visibility
- Dimensions: 2,1 x 1,6m

Code | 70976

Thermal Blanket, Advanced, 2,1 x 1,6m



Application: The thermal blanket helps you keep the body's temperature by protecting you from the sunrays and the very low temperatures. It is suitable for use in cases of accident, but also for protection against wind, rain or heat.

Instructions: When you need to avoid hypothermia, use the thermal blanket with the golden side facing upwards. In case you need protection from the heat, use the thermal blanket with the silver side facing upwards.

Code | 70975

First Aid Kit SOLAS 74, for Lifeboats - Liferafts



Certified by the Ministry of Merchant Marine/Merchant Ships Directorate according to (a) the International Convention on the Safety of Life at Sea 1974 (SOLAS 74) and the 1983 amendments, (b) the Royal Decree 36/1967 and (c) the Presidential Decree 277/1997.

Contents:

Anti-Angina Preparations, Anti-Hemorrhagics Including Uterotonics, Anti-Acid Mucous Dressings, Anti-Emetics, Anti-Diarroreals, Analgesic-Antipyretics, Analgesic-Anti-Inflammatory Preparation, Antiseptic Mercurochrom, Antiseptic Eau Oxygenee, Burn Preparation, Cannula for Mouth to Mouth Resuscitation, Adhesive Elastic Bandage, Sterile Gauze Compresses, Cotton Wool, Disposable Polyethylene Gloves, Adhesive Dressings, Sterile Compression Bandages, Adhesive Sutures, Sterile Gauze with Fatty Water and Vegetable Oils for Burns, Adhesive Tape, Scissors, Thermometer, Disposable Syringes 2.5ml - 5ml

Code | 71245

First Aid Kit-Non SOLAS



Contents:

- Anti-Angina Preparations
- Anti-Emetics
- Analgesics - Antipyretics
- Analgesics - Anti-Inflammatory Preparation
- Antiseptic Hydro Peroxide

- Burn Preparation
- Cannula for mouth to mouth Resuscitation
- Adhesive elastic bandage
- Sterile Gauze Compresses
- Cotton
- Adhesive Dressings

- Sterile Pressure Bandages
- Adhesive Sutures
- Adhesive Tape
- Sterile Gauze with water & vegetable oils for burns
- Scissors

Code | 56880

Liferaft Equipment



Safety

LALIZAS Emergency Liferaft Drinking Water 4x125ml

Code | 56700



LALIZAS Emergency Liferaft Food Ration 0,5 kg

Code | 57070

LALIZAS



Liferaft Support Base, Inox

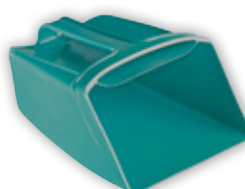
min 810x415x225 mm
max 930x415x225 mm

Code | 70620



Liferaft Support Base

Code | 44838



Bailer Flexible, Floating, Petrol Blue

190 x 135 mm (L x W)

Code | 16207

Buoyant Paddle for Liferafts, Black



Code	Length (cm)	Diameter (mm)
71851	51,5-76,5	25

Nuova Rade

Breathing Apparatus



Code	70321
Volume	14300cm ³
Weight	6150gr
Height	22cm
Width	13cm
Length	50cm



- Ozone resistant
- Non irritant neck seal
- Wide visor
- Non irritant
- Antimisting design for the visor



- Automatic activating valve - regulator
- Valve features G 5/8" F standard charging connector
- Pull valve safety lock



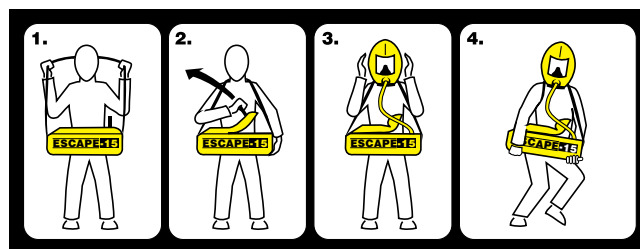
- Shock proof - antiblast pressure gauge
- Coloured so as to have easy readings for duration
- Overpressure - internal pressure of the cylinder

LALIZAS Emergency Evacuation Breathing Device / EEBD "ESCAPE-15", SOLAS/MED

LALIZAS Emergency Escape Breathing Device (EEBD) ESCAPE-15 complies with the amended SOLAS ch.II-2 and the IMO MSC/Circ.849. All ships on international routes must carry EEBDs on board.

Characteristics:

- Full-face hood universal size, suitable for every face shape
- 15 min. steady air-flow with sufficient air-delivery rate
- Flame resistant
- Activated with a single move
- Easy visual access on the pressure gauge
- Durable & reliable construction with low maintenance
- Silver colour to reflect heat and be highly visible
- Easy to refill cylinder (no adaptor required)
- Working temperature range: -10°C to 65°C



Accessories



Wall Bracket for EEBD

Code | 01623



Plastic Cover for EEBD

Code | 01622



Spare Compressed Air Cylinder & Valve 300bar Assembly with Air



Code	Cylinder Volume (L)
02302	6
02303	9

LALIZAS Self Contained Breathing Apparatus / SCBA, SOLAS/MED

LALIZAS Self Contained Breathing Apparatus (SCBA) is a high-performance breathing apparatus, designed to offer maximum respiratory protection to the user during entrance or escape from a hazardous environment.

This SOLAS/MED approved SCBA offers reliability and comfort and its key features are:

- Open circuit on demand positive pressure Self Contained Breathing Apparatus
- Anatomic carbon fibers composite material back frame with harness for perfect and easy donning
- Both back frame and harness are flame retardant, waterproof and antistatic
- With manometer and whistle (>90Db) warning the user that the air is dropping down below 50bar

It is available in two versions:

- With a 6L cylinder (steel) - code 71327
- With a 9L cylinder (carbon composite) - code 71328

Both versions contain the following parts:

- Breathing apparatus carrier with harness
- Pressure regulator with manometer & whistle
- Pressure & air flow regulator
- Breathing apparatus facemask
- Compressed air cylinder with an EU standard cylinder valve with G5/8" thread

The SCBA is also available without cylinder - code 713271.

All the above products are supplied packed in a heavy-duty plastic carrying case.



Safety

Code	Cylinder Volume (L)	Cylinder Material	Working Pressure (Bar)	Warning Pressure (Bar)	Weight (kg)	Packing Dimensions (cm)	Approval
71327	6	Steel	300	50-60	≤15	270x490x755	SOLAS/MED
new 713271	Will accept wide range of 300 bar cylinders. The air cylinders shall be designed in accordance with national regulations, bearing an EU standard cylinder valve with G5/8" thread. Please refer to user instructions for further information.				N/A	270x490x755	
71328	9	Carbon Composite	300	50-60	≤12	280x445x735	

Safety Flashlights

new

Safety Hand Lamp LED, EX-4DCL, ATEX



Code | 74954

- Explosion proof: Zone 1
- Temperature classification (gases/dusts): T4/135°C
- Enclosure: Impact resistant, thermoplastic, fire-retardant
- Ambient temperature: -20°C to +40°C
- Beam type: Spot
- Beam distance: 50 metres
- Output: 45 lumens (effective lumens)
- Light duration: Up to 20 hours
- Light source type: LED bulb (HL-250 only)
- Light source life: 25.000 hours
- Power: 6V, 1W
- Power source: 4 x LR20 (D) alkaline cells (not included)
- Protection rating: IP66
- Product weight: 850 g (without battery and shoulder strap)
- Dimensions: 134 x 140 x 188 mm

Head Light LED, EX-2980, ATEX



Code | 74956

- Explosion proof: Zone 0
- Temperature classification (gases/dusts): T4/135°C
- Ambient temperature: -20°C to +40°C
- Beam type: Spot/flood
- Beam distance: 58 metres
- Output mode: High / low / flood / strobe light
- Output: 130 lumens (high) / 40 lumens (low) / 82 lumens (flood) / 130 lumens (strobe light) (all of the above are the effective lumens)
- Light duration: 5,3 hours (high) / 16 hours (low) / 11,5 hours (flood) / 7,5 hours (strobe light)
- Light source type: High power LED bulb
- Power: 4,5V, 1,8W
- Power source: 3 X LR03 (AAA) alkaline batteries (not included)
- Protection rating: IP67
- Impact resistant: 2 metres
- Production weight: 116 g (without batteries)
- Dimensions: 87 x 61 x 49 mm

Safety Rescue Torch Right Angle LED, EX-2280, ATEX



Code | 74955

- Explosion proof: Zone 1
- Temperature classification (gases/dusts): T4/130°C
- Ambient temperature: -20°C to +40°C
- Beam type: Spot
- Distance: 120 metres
- Output mode: High / medium / low / strobe light / S.O.S
- Output: 120 lumens (high) / 72 lumens (medium) / 30 lumens (low) / 120 lumens (Strobe light & S.O.S) (all of the above are the effective lumens)
- Light duration: 5,5 hours (high) / 9 hours (medium) / 22 hours (low) / 16 hours (strobe light) / 14 hours (S.O.S)
- Light source type: High power LED bulb
- Power: 6V, 3W
- Power source: 4 x LR6 (AA) alkaline batteries (not included)
- Protection rating: IP66
- Impact resistant: 1,8 metres
- Product weight: 230 g (without batteries)
- Dimensions: 60 x 103 x 180 mm

Safety Flashlights

new

Safety Flashlight LED, EX-6180, ATEX



Code | 74957

- Explosion proof: Zone 0
- Temperature classification (gases/dusts): T4/135°C
- Enclosure: Impact resistant, thermoplastic, fire-retardant
- Ambient temperature: -20°C to +40°C
- Beam type: Spot
- Beam distance: 80 metres
- Output: 120 lumens (effective lumens)
- Light duration: Up to 15 hours
- Light source type: High power LED bulb
- Power: 3V, 1,7W
- Power source: 2 x LR20 (D) primary alkaline cells (not included)
- Protection rating: IP67
- Impact resistant: 2,5 metres
- Product weight: 176 g (without batteries)
- Dimensions: Ø 65, L: 200 mm

Safety Wand for Flashlight EX-6180, B-60



Code | 74958

- Combined with the Safety Flashlight LED, EX-6180, ATEX - code: 74957 (sold separately)
- Durable, shockproof, with high impact resistance
- Can be used for various applications, such as marine signaling, aircraft safety, car safety, directing traffic, crowd control, and construction zones
- Material: PP (Polypropylene)
- Dimensions: 166,7 x 48 mm

Fire Fighting Equipment

LALIZAS

new

LALIZAS Antipiros Fireman's Suit Set, SOLAS/MED, EN469:2020

The complete set includes SOLAS/MED approved:

- Jacket & trousers
- Helmet (1 pc)
- Boots (1 pair)
- Gloves (1 pair)

All the above are provided in a Carrying Bag

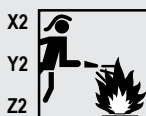


Code	Size
75180	L
75181	XL

LALIZAS Antipiros Fireman's Jacket & Trousers, Blue, SOLAS/MED, EN469:2020



- LEVEL 2 according to new testing standard EN469:2020
- Provides the highest protection levels in thermal performance (contact heat – heat transfer), water penetration and water vapor resistance.
- Made of three different layers* for excellent thermal protection & endurance.
- Navy blue colour with reflective trim.
- Stand up collar, with overlapping closure, to protect effectively the neck from fire burning.
- Adjustable chest & waist braces with hook and loop straps fixed on trousers for better fit. No metal compartments.
- Fastens at the front using flame retardant zipper, which locks when completely closed, and hook and loop tape.
- Flame retardant reflective tapes are arranged at the circumference of the jacket, hem, sleeve cuff and bottom of trousers to ensure visibility and work safety of fire fighter.
- All pockets are specially designed in accordance with shape features and usage habit of fire fighter. External pockets can extend over 10mm and can be fastened shut. Radio pockets included.
- Drain hole in the bottom of the pockets to reduce damage to equipment caused by water during fire fighter duties.
- Extra layers and abrasion resistant design in neck, elbows and knees.
- Cuff with rib thumb hole.
- DRD Lifesaving Drag belt included.



X2
Y2
Z2

*Layers:

- 1st Layer, Outer fabric: Ripstop Nomex Kevlar Material, 210gsm
- 2nd Layer, Moisture barrier fabric: Aramid and PTFE Material, 160gsm
- 3rd Layer Thermal lining fabric: Nomex and FR Viscose, 180gsm

Code	75182	75183
Size	L	XL
Height (cm)	185	195
Chest Girth (cm)	136	144
Tolerance Range (cm)	±1.5	±2.0

Specified Testing Standards:

EN ISO 13688:2013, EN 469:2020,
SOLAS 74 Reg. II-2/10, SOLAS 74 Reg. X/3,
IMO Res. MSC.98(73) - (FSS Code) 3,
SOLAS 74 Reg. II-2/10,
IMO Res. MSC.36(63) - (1994 HSC Code) 7,
IMO Res. MSC.97(73) - (2000 HSC Code) 7,
IMO Res. MSC.98(73) - (FSS Code)

new

LALIZAS Antipiros Fireman's Gloves, SOLAS/MED

- Four different layers for extra protection provide thermal, chemical, penetration and cut protection
- Ergonomic design facilitates firefighting works execution
- Reflective stripes for visibility



Code	Size
74301	L-XL

Specified Testing Standards: EN659 & A1



Fireman Fire Hood, Fireproof, Category III, EN 13911, EN 1149, CE

Code	Size
74883	

Fireman's Helmet, SOLAS/MED

Provides high level of protection, simple in use and extremely lightweight.

- Interior padding easily replaceable and washable
- Integrated adjustment system (52–64 cm)
- "Push to release" button
- Anti-scratch and anti-fog coated external visor
- Reflective tape
- Neck protector (aluminised fibre)
- 3-point chinstrap
- Electrical insulation capacity E2
- Chemical resistance
- Extreme temperature resistance (up to 1.000°C in a 10 second flash over flames)
- Long-term temperature resistance (radiant heat test 14 kW/m²)
- High resistance to mechanical impacts
- Low-temperature classification –30°C



Code	Size
72249	

Specified Testing Standards: EN 443 & EN14458



Fireman's Boots, SOLAS/MED

Recommended for structural fire fighting, general fire rescue & bush fire fighting. Made of Vulcanized Rubber (upper part and sole) and woven cotton canvas for extra comfort.

Sole/Heel

- Flame-retardant rubber outsole
- Fuel oil resistant
- Slip-resistant
- Excellent abrasion resistance
- Catered to enter high temperature
- Cold insulation
- Steel midsole

Upper construction

- Flame-retardant upper part with heat insulation
- Waterproof
- High visibility with black and yellow contrast
- Acids and alkalis resistant
- Metal toecap



Specified Testing Standards: EN 15090 & EN ISO 20345

Other Approvals: AS/NZS 4821 & CSA Z195-09 / ASTM F 2413-11

Code	Size
73667	43-44
74297	45-46



LALIZAS Fireman Axe with Long Wooden Handle 2,8kg

This long fireman's axe is the ideal tool for demolition work.

It features:

- High carbon steel blade
- 12cm cutting edge
- Overall length: 90cm
- Weight: 2.8kg
- Pick spike for piercing and prying
- Wooden ash handle
- Rubber protective blade cover

Code	Size
71685	



LALIZAS Fireman Axe with Short Anti Slip Handle 1,2kg

This short fireman's axe provides heavy duty chopping power to gain access to locked doors and hollow walls during an emergency.

It features:

- High carbon steel blade
- 9cm cutting edge
- Overall length: 34cm
- Weight: 1.2kg
- Pick spike for piercing and prying
- Anti slip handle
- Rubber protective blade cover

Code	Size
71686	

LALIZAS Holster for Fireman Axe

Synthetic leather cover for carrying a fireman axe safely on the belt.

- No restriction on movements
- Made out of one piece of leather, which reduces seams
- Solid metal rivets placed to hold the holster together
- Metal snap for easy on/off action
- Fits perfectly the LALIZAS Fireman Axe with Short Anti Slip Handle 1,2kg (code 71686)
- Can be attached to Fireman Belt, with Restraint Lanyard, M-XL (85-120cm), EN358, CE (code 74583) or Fireman Belt, Heavy Duty, with Safety Line L0,9m, CE (code 74582)

Code	Size
74584	



Code	Size
72707	

Lifeline, Fireproof with Hook, 5mmx30m, SOLAS/MED

new

Fireman Belt, Heavy Duty, with Safety Line L0,9m

The fire brigade belt is a supplement equipment preventing falls from height and is used to protect during work.

Designed for a user, including holding tools and equipment, with a weight up to 150 kg.

- Heat resistant strap
- Leather reinforcement on strap
- Side attachment D-ring
- Connector AZ900
- Detachable safety line
- Safety line leather sleeve protection
- Belt regulating/ connecting buckle
- Connector-snap hook
- Identification label
- Weight: 860 g
- Width: 85mm
- Size: M-XL / Waistline circumference: 86-106 cm



Code | 74582



Fireman Belt with Restraint Lanyard

Fireman work positioning belt suitable for a user, including holding tools and equipment, with a weight up to 140kg.

The belt is intended to prevent the user from a free fall, by connecting the user to an anchor point or to a structure, with the lanyard encircled, and thus supporting the user in tension.

Code | 74583

- Ergonomic padding
- Automatic connecting buckles
- Side attachment restraint lanyard
- Restraint lanyard connector
- Lateral work positioning attachment D-rings (EN 358)
- Tool D-rings for hand tool weights up to 2kg
- Identification label
- Size: M-XL / Waistline circumference: 85-120 cm



Specified Testing Standards: EN 358



LALIZAS Fire Hose with coupling



Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved
71698	1,5" / 38	Storz 38 Brass	15	Yes
71699			20	
72499			25	
71705	2" / 52	Storz 50 Brass	15	Yes
71706			20	
71707			25	
74460	2" / 52	Storz 50 Aluminium	30	Yes
75118			15	
75119			20	
75120	2,5" / 64	Storz 65 Brass	25	N/A
71711			30	
71712			15	
71713	1,5" / 38	Nakajima 38 Brass	20	Yes
74461			25	
72500			30	
72501	2" / 52	Nakajima 50 Brass	15	Yes
72502			20	
72503			25	
72504	2" / 52	Nakajima 50 Aluminium	30	Yes
72505			15	
74462			20	
75122	2" / 52	Nakajima 50 Aluminium	25	Yes
75196			30	
75197			15	
75198			20	

Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved
72506	2,5" / 64	Nakajima 65 Brass	15	N/A
72507			20	
72508			25	
74463	1,5" / 38	Barcelona 45 Aluminium	30	Yes
74464			15	
74465			20	
74466	1 3/4" / 45	Barcelona 45 Aluminium	25	Yes
74467			30	
74468			15	
74469	2" / 52	Barcelona 70 Aluminium	20	Yes
74470			25	
74471			30	
74472	2,5" / 64	Barcelona 70 Aluminium	15	N/A
74473			20	
74474			25	
74475	1 3/4" / 45	UNI 45 Brass	30	Yes
74476			15	
74477			20	
74478	2,5" / 64	Barcelona 70 Aluminium	25	N/A
74479			30	
74480			15	
74481	1 3/4" / 45	UNI 45 Brass	20	Yes
74482			25	
			30	

EPDM Lining

LALIZAS Fire Hose



Code	Inner Diam (inch/mm)	Length (m)	SOLAS/MED approved
74485	1 3/4" / 45	15	Yes
74486	1 3/4" / 45	20	Yes
74487	1 3/4" / 45	25	Yes
74488	1 3/4" / 45	30	Yes
72509	1,5" / 38	15	Yes
72510	1,5" / 38	20	Yes
72511	1,5" / 38	25	Yes
72512	2" / 52	15	Yes
72513	2" / 52	20	Yes
72514	2" / 52	25	Yes
74484	2" / 52	60	Yes
72515	2,5" / 64	15	Not applicable
72516	2,5" / 64	20	Not applicable
72517	2,5" / 64	25	Not applicable
74483	2,5" / 64	60	Not applicable

PVC Lining

Code	Inner Diam (inch/mm)	Length (m)	SOLAS/MED approved
75306	1 3/4" / 45	15	Yes
75307	1 3/4" / 45	20	Yes
75308	1 3/4" / 45	25	Yes
75309	1 3/4" / 45	30	Yes
75310	1,5" / 38	15	Yes
75311	1,5" / 38	20	Yes
75312	1,5" / 38	25	Yes
75313	2" / 52	15	Yes
75314	2" / 52	20	Yes
75315	2" / 52	25	Yes
75316	2" / 52	60	Yes
75317	2,5" / 64	15	Not applicable
75318	2,5" / 64	20	Not applicable
75319	2,5" / 64	25	Not applicable
75320	2,5" / 64	60	Not applicable



LALIZAS Fire Hose Couplings



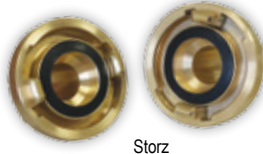
Code	Coupling
75116	Storz 50 Aluminium



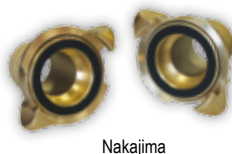
Code	Coupling
75117	Nakajima 50 Aluminium



Code	Coupling
74490	Barcelona 45 tail 1 3/4" Aluminium
74491	Barcelona 45 tail 1 1/2" Aluminium
74492	Barcelona 70 tail 1 1/2" Aluminium



Code	Coupling
72518	Storz 38 brass
72520	Storz 50 brass
72522	Storz 65 brass



Code	Coupling
72519	Nakajima 38 brass
72521	Nakajima 50 brass
72523	Nakajima 65 brass



Code	Coupling
74489	UNI 45 Brass



LALIZAS Fog Nozzle 3 position

Code	Fog Nozzle
72524	Storz 38 brass
72526	Storz 50 brass
72528	Storz 65 brass
72525	Nakajima 38 brass
72527	Nakajima 50 brass
72529	Nakajima 65 brass
74511	Barcelona 45 Aluminium
74512	Barcelona 70 Aluminium
74513	UNI 45 Brass



Blank Cap & Chain

Code	Blank Cap
74502	Storz 1 1/2" Brass
74503	Storz 2" Brass
74504	Storz 2 1/2" brass
74505	Nakajima 1 1/2" Brass
74506	Nakajima 2" Brass
74507	Nakajima 2 1/2" brass
74508	Barcelona 45 Aluminium
74509	Barcelona 70 Aluminium
74510	UNI 45 Brass

new

Jet/ Spray Nozzle 3 position, with Adapter, MED, Set



Code	Diameter (mm)	Adapter
75073	12	Storz 38 Brass
75074	16	
75075	19	
75077	12	Storz 50 Brass
75078	16	
75079	19	
75109	12	Storz 50 Aluminium
75110	16	
75111	19	
75081	12	Storz 65 Brass
75082	16	
75083	19	



Code	Diameter (mm)	Adapter
75085	12	Nakajima 38 Brass
75086	16	
75087	19	
75089	12	Nakajima 50 Brass
75090	16	
75091	19	
75113	12	Nakajima 50 Aluminium
75114	16	
75115	19	
75093	12	Nakajima 65 Brass
75094	16	
75095	19	



Code	Diameter (mm)	Adapter
75097	12	Barcelona 45 Aluminium
75098	16	
75099	19	
75101	12	Barcelona 70 Aluminium
75102	16	
75103	19	

With Adapter UNI

Code	Diameter (mm)	Adapter
75105	12	UNI 45 Brass
75106	16	
75107	19	

Jet/ Spray Nozzle 3 position, with Male Inlet BSP 2", SOLAS/MED



Code	Diameter (mm)
75069	12
75070	16
75071	19

new

LALIZAS Adapter Fire Hose Coupling, with Female Thread 2" BSP



Storz



Nakajima



Barcelona



UNI

Code	Coupling
75072	Storz 38 brass
75076	Storz 50 brass
75080	Storz 65 brass

Code	Coupling
75108	Storz 50 Aluminium

Code	Coupling
75084	Nakajima 38 brass
75088	Nakajima 50 brass
75092	Nakajima 65 brass

Code	Coupling
75112	Nakajima 50 Aluminium

Code	Coupling
75096	Barcelona 45 Aluminium
75100	Barcelona 70 Aluminium

Code	Coupling
75104	UNI 45 Brass

LALIZAS Fire Extinguishers

LALIZAS range of portable Fire Extinguishers, specially designed for the marine sector, provides additional protection from environmental induce, high fire protection effectiveness due to reinforced extinguishing ability and simplicity in application.

Other features:

- Large diameter of the safety pin ensures an easy grip even with work gloves
- Shock-proof pressure gauge facilitates accurate indication of pressure status
- Seamless cylinder production technology facilitates avoidance of weakening points, enhances tightness and pressure resistance
- Easy to use



Code / Language Label	EN, IT, GR	704431	704441	704451	704461	400691	474621	-	499521
	EN, ES, HR	704432	704442	704452	704462	400692	474622	-	499522
	EN, FR, DE	704433	704443	704453	704463	400693	474623	-	499523
	EN	-	-	-	-	-	-	45493	-
	Capacity	1 kg	2 kg	3 kg	6 kg	9 kg	9L	2 kg	5 kg
	Extinguishing agent	Dry Powder					Foam	CO ₂	
	Body	Aluminium alloy		Steel			Aluminium alloy	Steel	
	Fire Ratings	5A 34B C	13A 89B C	13A 89B C	34A 233B C	43A 233B C	27A 233B	34B	89B
	Dimensions (mm)	82X295	108X378	130X385	160X520	190X545	180X615	104X570	136X743
	Weight (kg)	1,26	2,55	4,60	8,60	12,50	11,50	6,34	13,90
	Special Features	Corrosion resistant shock-proof pressure gauge			Corrosion resistant reinforced rubber hose	Corrosion resistant shock-proof pressure gauge	Corrosion resistant	Corrosion resistant brass valve with bursting disk	
	Base	Plastic bracket for vehicle & marine use		Stainless steel wire bracket, mounting in horizontal or vertical position	Wall bracket for vertical mounting			Polypropylene front horn	Wall bracket for vertical mounting
	Nozzle				Hose & nozzle	Rubber hose, nozzle	Spray nozzle		Rubber hose & polyamide horn



Ordinary Solid Combustibles

Flammable liquids and gases

Flammable gases, Energized electrical equipment

Fire Extinguisher Type	Type of Fire				
	Solids (wood, paper, cloth, etc.)	Flammable Liquids	Flammable Gases	Electrical Equipment	Oil & Fats
Dry Powder	✓	✓	✓	✓	✓
Foam	✓	✓	✗	✗	✓
CO ₂	✗	✓	✗	✓	✓



Marine Brackets for LALIZAS Fire Extinguishers

With unique design which facilitates the fire extinguisher to stay steady even in harsh sea conditions.

- Heavy duty (made of metal components)
- Suitable for vertical mounting
- Easy to install
- Includes adjustable stainless steel belt for extra security & quick release

Code	For LALIZAS Fire Extinguishers	Cylinder Diameter (mm)
73646	Dry Powder 6kg	16
73647	Dry Powder 9kg	190
73648	Foam 9lt	180
73649	CO ₂ 5kg	136



Safety

new

Wheeled

Code / Language Label	EN	45490	45491	45492
Capacity		25 KG	50 KG	50 L
Extinguishing agent		Dry Powder		Foam
Body		Steel		
Fire Ratings		up to A-IVB-C	up to A-IVB-C	up to A-IVB
Dimensions (mm)		1020 x 430 x 535	1050 x 450 x 550	1140 x 450 x 550
Weight (kg)		55	80	80
Special Features		Brass valve & gauge. Powder w/anti caking silicon additives		Brass valve & gauge
Accessories		Welded frame		
Base				
Nozzle		Flexible EPDM rubber 5m hose & ergonomic pistol		Flexible EPDM rubber 5m hose & ergonomic nozzle

LALIZAS Fire Blanket in a PVC case

The fire blankets are essential in high-risk areas, such as the kitchen. The offered models are 100x100cm and 120x180cm and supplied in a rigid case, with instructions printed on the top. In accordance to EN 1869.

Code	70448	71298
Dimensions (cm)	100x100	120x180

* silicone coated



new

Mabo Automatic Fire Extinguisher, 580ml



- Easy to place
- Reliable automatic activation
- Easy & economical to maintain
- Safe to use
- Great extinguishing power and wide scope of operation
- No collateral damages
- Eco-friend product
- For indoor use only

Code | 40193

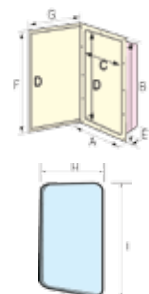
Classes of fire:	Protected Area:	Operating Temp.:	Storage Temp.:	Volume:	Material:
A, B, C	up to 16 m ³ enclosed space per unit depending of fire protection demands	-20 °C to 70 °C	-20 °C to 70 °C	580 ml active solution	glass (ampoule), tin (holder)

Fire Fighting Equipment



Storage Case for Fire Extinguisher

Allows safe and protected storage of a fire extinguisher in the cockpit or dashboard. This product is impervious to harsh weather, watertight and offers easy and safe access during emergency situations. A well-made product that offers very precise lid/door closure. Made of UV-resistant white ASA. The elimination of metal reduces the chance of personal injuries. No sharp corners. No glass to shatter.



Code	Fire Extinguisher Capacity (kg)	Door	Colour
196461	1	Yes	White
196666		Transparent	
50006		No	
196465	2	Yes	
196675		Transparent	
50010		No	



Fire Extinguisher (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
1	174	424	120	370	105	434	196	124	374
2	204	474	150	415	120	484	226	154	424

new

Fire Port, Plastic, Ø80,5mm

It is used to discharge a fire extinguisher into an enclosed area when a fire has broken out, preventing the entrance of oxygen and minimising the risk of human injury. It can also be used to access the engine box with an extinguisher without opening the box.

- Made of white PA
- Hole closed with a PVC flap
- Can be easily installed, by using 4 countersunk recessed head screws
- External Ø: 80,5mm
- Internal Ø: 48mm

Code 198237



Marine Distress Signals & Pyrotechnics

Available only in certain countries



LALIZAS Parachute Rocket ASTROS, SOLAS/MED/USCG, Red



Emergency signal for position marking during rescue operations in day & night.

- SOLAS/MED/USCG approved
- Certified according to Directive 2013/29/EU (CE)
- Flare is ejected at least 300 m for a long viewing range
- Compact design for easy stowage in liferafts

Code	74787
Colour of Light	Red
Burning Time	>40 s
Light Intensity	>30000 cd
Ignition	Percussion cap trigger system
Weight	350 ± 5 g
NEC	Max. 120 g

LALIZAS Hand Flare ASTROS, SOLAS/MED/USCG, Red



Emergency signal for position marking during rescue operations in day & night.

- SOLAS/MED/USCG approved
- Certified according to Directive 2013/29/EU (CE)
- Compact design for easy stowage in liferafts

Code	74788
Colour of Light	Red
Burning Time	>60 s
Light Intensity	>15000 cd
Ignition	Percussion cap pull system igniter from cold side
Weight	182 ± 3 g
NEC	60 g



Available only in certain countries



Safety



LALIZAS Buoyant Smoke Signal ASTROS SOLAS/MED/USCG, Orange

Emergency signal for position marking during rescue operations in daytime.

- SOLAS/MED/USCG approved
- Certified according to Directive 2013/29/EU (CE)
- Can be used for indication of wind direction
- Compact design for easy stowage in liferafts

Code	74789
Colour of Light	Dense orange smoke
Burning Time	>3 min.
Ignition	Pull-wire with 2 seconds delay
Weight	429 ± 5 g
NEC	Max. 260 g



PYROTECH Hand Flare, SOLAS/MED/USCG, Red



Code | 70230

PYROTECH Parachute Rocket, SOLAS/MED/USCG, Red



Code | 70220

PYROTECH Hand-Held Flare (SOLAS 74'), Red



Code | 70200

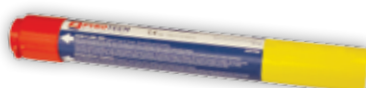


PYROTECH Buoyant Smoke Signal, SOLAS/MED/USCG, Orange



Code | 74694

PYROTECH Hand-Held Flare, CE, Red



Code | 702001

PYROTECH Day & Night Distress Signal, CE



Code | 74861

PYROTECH Parachute Rocket, CE, White



Code | 74871

PYROTECH Man Overboard with bracket (1 piece), SOLAS/MED



Code | 70420

IKAROS Line Throwing Device (Body & Line), SOLAS/MED/USCG



IKAROS
Swedish safety at sea since 1888

Code | 74687

PYROTECH Hand Flare, CE, White



Code | 74872

Available only in certain countries



Safety



Manoverboard & Brackets

Code | 9990204



Linethrower 250 Body & Line

* without rocket

Code | 9990206



Floating Smoke Signal



Code | 9990203



Parachute Rocket, Red



Code | 9990202



Handflare, Red



Code | 9990201



Linethrower 250 Rocket

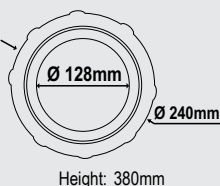


Code | 9990105

new



Code | 198265



LALIZAS Storage Bottle for Distress Signals/Pyrotechnics 12L, Yellow

- The best solution for safely storing pyrotechnics, such as hand flares, parachute rockets & buoyant smoke signals
- With red waterproof screw top and silicone gasket for optimum water resistance
- Featuring a carrying rope, in yellow colour
- Made of polyethylene
- Capacity: 12 L
- In bright yellow colour
- Made in Italy



LALIZAS Dry Bag for Distress Signals/Pyrotechnics

- Dimensions: Ø16 x 48 cm
- Material: Transparent PVC

* Distress Signals not included

Code | 74636



Storage Bottles

Ideal for storing safety equipment or personal belongings. Silicone gasket for optimum water resistance. You can also use a carrying rope.



Code	39642	39643	39644	39645
Capacity (lt)	6	8	12	15
Diameter (mm)	240			
Height (mm)	195	260	380	440



Safety



Signal Horn 380 ml, Set
Acoustic range approximately 1500 m.

Instructions

1. To install the horn, you need to screw it on the pressurised container
 2. For operation, press down the horn
 3. The signal horn must always be used in upright position
- Do not store the pressurised container in direct sunlight. Do not expose to sunlight for very long hours or to temperatures exceeding 40 °C. Do not pierce or burn after use.

Code | 10033



Refill Horn Canister, 380ml

Code | 10032



Fog Horn Head Only

Code | 10031



Signal Horn ECO 300 ml, Set

- Non-flammable Gas
- 99,5% Lower GWP

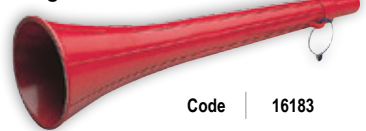
Code | 72327



Refill Canister 300ml for Signal Horn ECO 72327

Code | 72903

Fog Horn, Red



Code | 16183

- Floating Fog Horn in red colour
- Material: High-density polyethylene
- Max Sound Level: 105 dB
- Length: 300 mm
- Diameter: Ø 80 mm



Megaphone with Siren

- Diameter: 200mm
- Length: 330mm
- Power: 20W
- Sound Coverage: 400m approx.
- Function: Talk/Siren (or Music)
- Batteries: 6x1,5V (size C)
- ABS Housing

Code | 90168

Mega Horn

Whether you use Mega Horn in an emergency or for pleasure you certainly will be heard. Sound measures at 105 D.B. Available in red colour, it comes complete with counter merchandising display box.

- Floating, non-corrosive
- Friendly to the environment
- Available in showcases of 12pcs

Code | 10040



Nautical Whistle

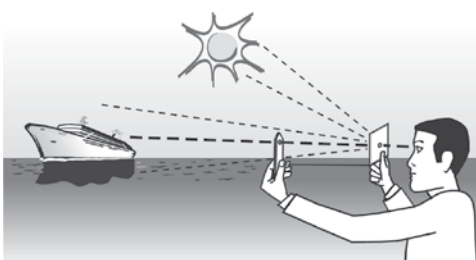
- Commercial grade, non-corrosive, pea-less marine whistle
- Accepted by USCG/SOLAS/MED/ISO for lifejackets and immersion suits
- Manufactured in accordance with SOLAS and USCG requirements
- Certified per ISO 12402-7 & 8

Code	70010	70020
Colour	Blue	Orange

new

Available code with lanyard, USCG/SOLAS

Code	28104
Colour	Orange



Signalling Mirror 7x7cm

Instructions of use:

1. Hold the foresight in your left hand with arm fully extended
2. Hold the signalling mirror in right hand toward the sunlight, facing the back of the mirror
3. Align the holes of the foresight and the mirror on the target
4. Move the mirror until the reflection of the sun from the mirror can be seen on the foresight and a shadow point appears in its hole
5. The ray is now directed at the target



Code | 56570



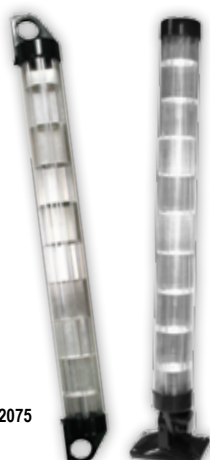
Radar Reflector, Tube Type

- Enhances your boat's signal on the area's radars
- Useful, not only on emergency cases but also on situations when visibility is low and other nearby vessels cannot see you
- Reflects energy from the radars and thus enhances the signal of the vessel
- Eyes on both sides allow the unit to be secured to the shroud
- Made of aluminium elements crossed at several 90° angles in a plastic casing, very high reflecting rate
- Lightweight and compact design
- Practical and noiseless

Code	Description	Length (cm)	Diameter Ø (cm)
72075	For sailboat	59	5
72076	For powerboat	57	

72075

72076



Signalling Mirror with Red Dot

One of the most reliable, effective signalling devices. It features an aiming spot to assist you in flashing in the intended direction. Ø 86 mm.

Code | 27177

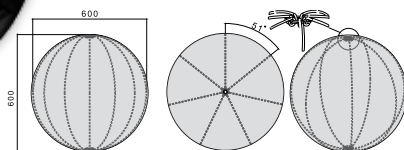


Day Signals

- Required on board by the International Regulation COLREG, as amended
- Mast head signals visually indicating the status of a vessel to other vessels on navigable waters during daylight hours
- Made of heavy-duty fabric with foldable inner framing with webbing, which is fully collapsible and offers quick and easy storage
- Both ball and diamond shapes are in black colour

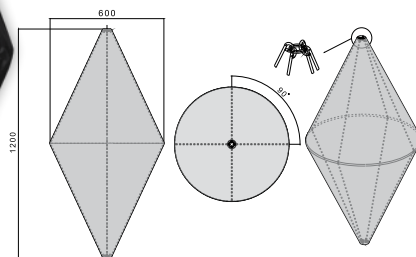
Day Signal, Ball, Ø 600mm

Code | 72731



Day Signal, Diamond, 1200x600mm

Code | 72732



Black Ball (Anchor Signal)

- Internationally recognised daytime signal, used by boats when at anchor
- Made of highly resistant plastic
- Folds easily for storage

Code	Diameter (mm)
16185	300
39553	350



Black Cone

This signal must be displayed on sailing boats, when travelling under power.

Code	Dimensions (mm)
16206	350x340
39552	470x330





new

Pole Portable For Radar Reflector 500249



Code | 500027



Code | 500249

LALIZAS Radar Reflector SOLAS/MED

- For use on liferafts and rescue boats
- Enhances the liferaft/rescue boat signal on the area's radars
- To be used at a height of at least 1,5 m above the water surface
- SOLAS/MED approved

Material:

- Balloon: PVC
- Corner reflector: Aluminised polyester sheet on the external side of the balloon

Dimensions:

- Inflated: Diameter: 565 mm \pm 5 mm
Height: 410 mm \pm 5 mm
- Packed: 380 x 250 mm (Diameter x Height)

Weight Radar Reflector: 600 g \pm 20 g

Can be easily inflated orally.

Safety

Smoke Detectors



Gas Detector, Gas Alarm EN 50194



Approved to EN50194

- Hot wire type sensor
- Ideal for all kitchens
- Self test function
- Durable sensor head
- Modern design
- High accuracy
- Sensor self-diagnostic on the electronic circuit
- Easy installation and maintenance
- Loud sound signal of 85 dB at alarm mode
- Excellent reliability & high stability
- Less affected by other organic solvent

Code | 45494

Available only in certain countries

new

Carbon Monoxide Detector (CO), with Lithium Battery 3V

- Self-test on sensor & self-diagnostic
- Micro-processing circuitry
- Easy installation
- Advanced lifespan
- Electrochemical sensor
- Reset feature
- Low battery warning
- Power/Alarm indicator



Code | 45565

Emergency Equipment Devices

Available only in certain countries



Search and Rescue Transponder S100

- Compact size for easy liferaft packing
- Superior battery life (12h operating use after 96h stand by) even in very low temperatures
- User replaceable & non-hazardous battery
- Replaceable battery
- Telescopic pole and mounting bracket included
- MED & FCC certified

Code | 72256

Available only in certain countries



Safety



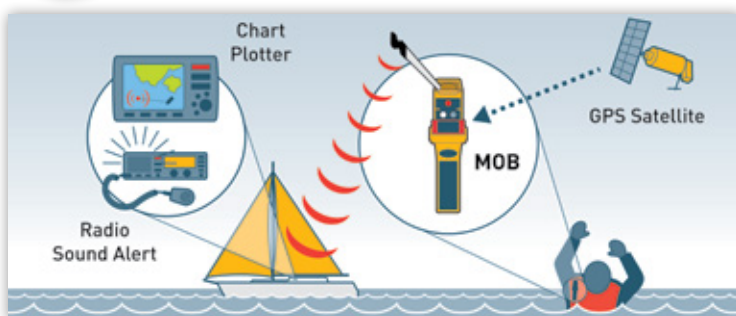
Man Overboard Locator Beacon MOB1

- Needs to be pre-installed within the lifejacket*
- AIS (Automatic Identification System)
- Integrated DSC transmitter (digital selective calling)
- 30% (typ) smaller than competitors
- Automatic activation
- Simple lifejacket integration
- 7 year battery life
- 24+ hours operational life
- 5 year warranty**
- Fast accurate positioning
- Height 134 x Width 38 X Depth 27 mm

Code | 72252

*Always refer to the manufacturer for specific instructions before installing this product directly to your lifejacket.

**Subject to warranty statement. Note: When used in commercial applications, the warranty period is restricted to 2 years.



Electronic Distress Flare EDF1

Code | 72253



new

Ocean Signal Personal Locator Beacon PLB3



- No subscription required
- 406 MHz Cospas Sarsat Distress Signal (MEOSAR Compatible)
- 121.5 MHz Local Homing Signal
- AIS (Automatic Identification System) locating signal
- Smartphone connectivity via NFC (Near Field Communication)
- Free Ocean Signal Beacon Mobile App (IOS and Android)
- Return Link Service (RLS) Functionality
- GNSS via GPS and Galileo Satellites
- Strobe and infrared strobe light
- Global coverage
- Simple PFD attachment
- Designed to integrate with common inflatable PFDs
- Multifunction clip system included
- Small and lightweight
- 5-year battery life
- Over 24 hours operational life

Code | 74764



Ocean Signal Emergency Position Indicating Radio Beacon EPIRB3



- 30% (typ) smaller than other ones in the market
- AIS distress alert
- Return Link Service (RLS)
- Mobile connectivity utilizing Near Field Communication (NFC)
- Free App (Apple & Android)
- 10-year battery life
- 48+ hours operational life
- 5-year warranty
- Fast accurate positioning with 72 channel GPS
- Secure lanyard
- Dimensions (Antenna up): 410 x 90 x 101 mm
- Quick release bracket

Code | 74969





Emergency Position Indicating Radio Beacon EPIRB1 Pro, with housing

Height 340 (Antenna up) x Width 100 X Depth 89 mm
Weight 442gr
Housing: Height 237 x Width 121 X Depth 191 mm
Weight 1250gr

Code | 73772

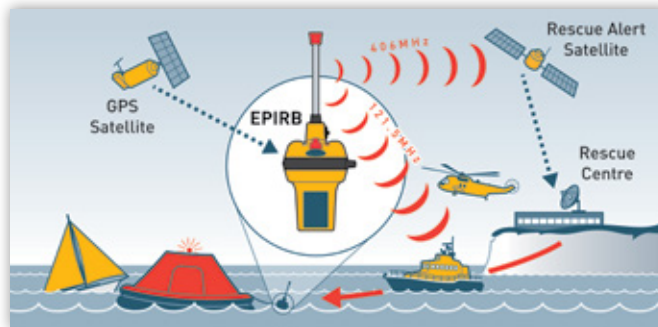


Emergency Position Indicating Radio Beacon EPIRB1

Height 340 (Antenna up) x Width 100 X Depth 89 mm
Weight 442gr



Code | 72251

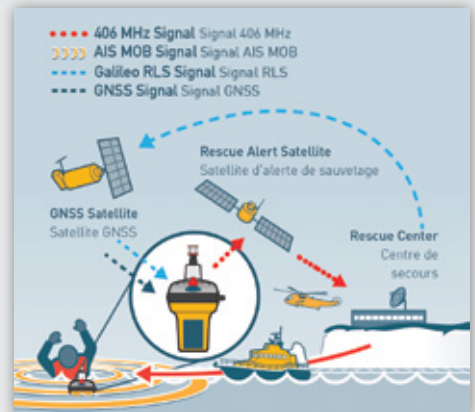


new

Ocean Signal Emergency Position Indicating Radio Beacon EPIRB3 Pro, with housing

- 30% (typ) smaller than other ones in the market
- AIS distress alert
- Return Link Service (RLS)
- Mobile connectivity utilizing Near Field Communication (NFC)
- Free App (Apple & Android)
- 10-year battery life
- 48+ hours operational life
- 5-year warranty
- Fast accurate positioning with 72 channel GPS
- Category I auto release float free bracket
- Secure lanyard
- Dimensions (Antenna up): 410 x 90 x 101 mm
- Dimensions of Automatic Release Housing: 237 x 191 x 121 mm

Code | 74765



Personal Locator Beacon PLB1

Height 77 mm
Width 51 mm
Depth 32,5 mm

Weight 116 gr

Code | 72250



Flotation Pouch for PLB1 (72250)

Code | 74708

Available only in certain countries

Safety



GMDSS Handheld Radio Kit V100

- Fully waterproof
- 21 simplex channels as standard
- Lithium primary battery for emergency use
- Lithium Polymer rechargeable battery with rapid charger for everyday normal use
- Superior battery life (typical operation >16h)
- Non-hazardous battery
- MED & FCC certified

Code | 72258



GMDSS Handheld Radio V100

- Fully waterproof
- 21 simplex channels as standard
- Lithium primary battery for emergency use
- Superior battery life (typical operation >16h)
- Non-hazardous battery
- MED & FCC certified

Code | 72257

Maritime Survivor Locating Device M100



Code | 72451

AIS Alarm Box

Code | 72308



LALIZAS

new

LALIZAS Hydrostatic Release Unit for EPIRB



Code | 74579

LALIZAS Hydrostatic Release Unit (HRU) for EPIRB is activated in a depth of between 1.5 and 4m deep by hydrostatic pressure, releasing the EPIRB from the sinking vessel. It is made of glass reinforced nylon for extra protection against corrosion, designed & tested according to LSA requirements / MSC 81(70), as amended. Having easy & simple installation, LALIZAS HRU for EPIRB requires no maintenance, while it needs replacement after 2 years from installation, or 4 years after manufacture, whichever occurs first. The bolt (rod) must be replaced together with the HRU. LALIZAS HRU for EPIRB complies with most EPIRBs & is installed according to the EPIRB Manufacturer's instructions. To be used only with LALIZAS HRU bolt & nut for EPIRB (74580-LALIZAS Mounting Kit for Hydrostatic Release Unit for EPIRB) – available separately.



LALIZAS Mounting Kit for Hydrostatic Release Unit for EPIRB

Code | 74580



Available only in certain countries



Safety

First Aid Kit, for Fishing & Power Boats

It includes:

- Zinc Oxide Plaster, non-sterile, 1.25cm x 5m (CE) (1pc)
- Box of sterile gauze compresses, 15cm x 15cm (CE) (1pc)
- Sterile pressure tourniquet (CE) (1pc)
- Non-sterile bandage, 5cm x 5m (CE) (1pc)
- Elastic bandage, non-sterile, 6cm x 4m (CE) (1pc)
- Non-sterile adhesive bandages (CE) (10pcs)
- Sterile gel for burns, Burnshield hydro gel blot (CE) (1pc)
- Triangular bandage, non-sterile (CE) (1pc)
- Isothermal blanket, non-sterile (CE) (1pc)
- Hemostat rubber, non-sterile (CE) (1pc)
- Alcohol tissues (Approval by the National Organization for Medicines of Greece) (4pcs)
- One-use gloves (CE) (4pcs)
- Scissors
- Plastic forceps (1pc)
- Safety pins (4pcs)
- First aid instructions
- Instructions manual

Code | 71022



Marine First Aid Kit

It includes (SOLAS):

- Anti-Angina preparations
- Anti-hemorrhagic preparations
- Anti-emetics
- Anti-diarrhoea preparations
- Analgesics – Antipyretics
- Analgesics – Anti-inflammatory
- Iodine
- Antiseptic hydro peroxide
- Burn preparations, Burnshield hydro gel blots (CE) (2pcs)
- Cannula for mouth to mouth resuscitation (CE)
- Elastic adhesive bandage, 6cm x 4m (CE)
- 2 Boxes of sterile gauze compresses, 15cm x 15cm (CE)
- 70gr Cotton
- 6 One-use gloves (6pcs)
- 20 Adhesive bandages, of different dimensions (CE) (20pcs)
- Sterile pressure tourniquet (CE)
- Adhesive sutures (CE)
- Sterile gauze with waster & vegetable oil for burns, 15x15cm (CE)
- Zinc Oxide Plaster 1.25cm x 5m (CE)
- Scissors
- Thermometer
- Syringes of 2.5ml & 5ml (2pcs)

Code | 71023



First Aid Kit Category C SOLAS, for Life Rafts

Certified by the Ministry of Merchant Marine/Merchant Ships Directorate according to (a) the International Convention on the Safety of Life at Sea 1974 (SOLAS 74) and the 1983 amendments, (b) the Royal Decree 36/1967 and (c) the Presidential Decree 277/1997.

Contents:

Anti-Angina Preparations, Anti-Hemorrhagics Including Uterotonics, Anti-Acid Mucous Dressings, Anti-Emetics, Anti-Diarroeals, Analgesic-Antipyretics, Analgesic-Anti-Inflammatory Preparation, Antiseptic Mercurochrom, Antiseptic Eau Oxygenée, Burn Preparation, Cannula for Mouth to Mouth Resuscitation, Adhesive Elastic Bandage, Sterile Gauze Compresses, Cotton Wool, Disposable Polyethylene Gloves, Adhesive Dressings, Sterile Compression Bandages, Adhesive Sutures, Sterile Gauze with Fatty Water and Vegetable Oils for Burns, Adhesive Tape, Scissors, Thermometer, Disposable Syringes 2.5ml - 5ml

Code | 71245





First Aid Kit-Non SOLAS

Contents:

- Anti-angina preparations
- Anti-emetics
- Analgesics – Antipyretics
- Analgesics – Anti-inflammatory preparation
- Antiseptic hydro peroxide
- Burn preparation
- Cannula for mouth to mouth resuscitation
- Adhesive elastic bandage
- Sterile gauze compresses
- Cotton
- Adhesive dressings
- Sterile pressure bandages
- Adhesive sutures
- Adhesive tape
- Sterile gauze with water & vegetable oils for burns
- Scissors

Code | 56880

Available only in certain countries

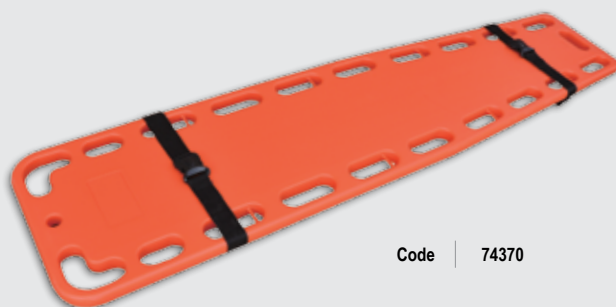
new



Code | 74369

Aluminum Alloy Folding Stretcher, Orange

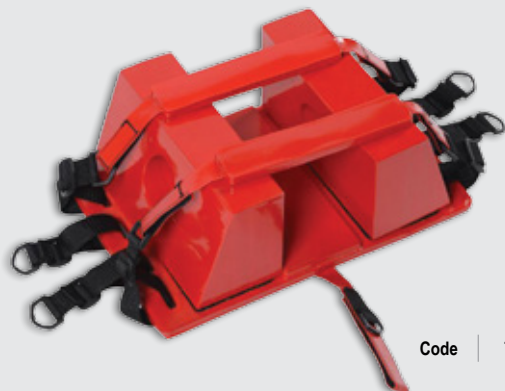
- Used for the safe transport of sick and wounded
- Folds for easy transport and storage
- High resistance anticorrosive aluminium alloy frame
- With fire-resistant, waterproof orange fabric that does not tear and is easy to clean
- Flexible handle
- Dimensions (unfolded): 215x55x15cm
- Dimensions (folded): 55x26x17cm
- Weight: 7,7kg
- Maximum load: 159kg



Code | 74370

Spine Board, Plastic, Red

- Used for the safe transport of severely injured patients
- Suitable for use on both land and at sea (floating)
- Part of first aid equipment in medical centres
- The Spine Board can carry a head immobilizer
- It has handles around the perimeter for the transport of the patient
- Easy storage
- Made of high-strength plastic
- Radiolucent material, minimal interference with X-ray and MRI scanning procedures
- Dimensions: 183x45x5cm
- Weight: 7,5kg
- Maximum load: 159kg



Code | 74367

Adult Head Immobilizer, red

- With two side recesses to control bleeding of the patient
- Lightweight, easy to use & carry
- Radiolucent material, minimal interference with X-ray and MRI scanning procedures
- Resistant to different temperatures
- Dimensions: 41x26x15cm
- Weight: 0,7 kg

An important and absolutely necessary part of the safety equipment, especially for commercial vessels, is signage. LALIZAS International Standard Signs can be used for indicating exits, directions, fire fighting and lifesaving equipment for the purpose of safe evacuation during emergencies and power failures. LALIZAS manufactures in-house all the International Standard Signs for indicating all of the above with the addition of custom-made signs, which meet all the present IMO specifications, using the highest quality material, in order to meet specific requirements.



- IMO Symbols on Self-Adhesive Photoluminescent Vinyl
- Safety Signs on Self-Adhesive Photoluminescent Vinyl
- Photoluminescent Direction Signs
- Fire Signs
- Fire Control Symbols to Resolution A654
- Fire Control Symbols to ISO 17631
- Low Location Lighting
- Prohibition Signs
- Mandatory Signs
- Hazard Signs & Diamonds
- ISPS Code Signs & Security Signs
- Deck & Engine Room Signs
- Galley Signs
- Accommodation Signs
- Combination Signs
- Training, Safety, Environmental & LALIZAS Posters
- Passenger Vessel and Terminal Building Signs
- Temporary Tie Tags
- Pipe Identification (In accordance BS 1710 & ISO 1472)



Lifebuoy Lettering

Low Location Lighting

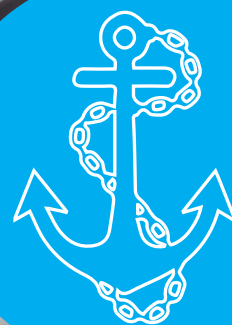
PHOTOLUMINESCENT (PL) SYSTEM



Full Pack Service
 Custom-made Production
 On-board Installation
 Test & Measurement Report



Anchoring, Docking & Mooring



Windlasses & Accessories	69-86	Fenders	101-106
Chains	86-87	Fender Covers & Accessories	107-108
Anchors & Accessories	89-90	Dock Fenders	108
Swivels & Thimbles	90-91	Mooring & Marking Buoys	109-112
Mooring Ropes & Accessories	91-93	Boat Hooks	113-114
Mooring Springs	93	Boarding Ladders & Accessories	115-121
Bow Thrusters & Accessories	94-100	Platforms & Gangways	121-122

Your boat deserves the best protection!

The OCEAN Fenders product range can meet the needs for fenders and other accessories for boats up to 80 m. To gain complete maneuverability control of your boat, MAX POWER offers a wide variety of bow-stern thrusters.

With the installation of a Lofrans' windlass, "anchoring aweigh" is now easy and simple, by just pressing a switch.

At MARINA Stores you will also find anchors, chains, mooring ropes, buoys, gangways, boarding ladders and many more mooring accessories.

Construction	Anodised Aluminium		
Motor size	500 W	800 W	1000 W
Power Supply (V)	12	12	12
Maximum Pull (kg)	630	700	900
Working Load (kg)	95	100	125
Amps at Working Load (A)	60	110	125
Line Speed at Working Load (m/min)	23	25	18
Max. Line Speed (m/min)	26	28	30
Net Weight Low Profile (kg)	10	13	16
Net Weight with Drum (kg)	11	14	17

X1	Chain	Rope	Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	10-12 mm, 3-strand	409558	602108	*
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	600980	602109	*
Low Profile	6 mm, ISO 4565 / DIN 766	10-12 mm, 3-strand	409557	602106	*
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	57449	602107	*

Construction	Chrome Plated		
Motor size	500 W	800 W	1000 W
Power Supply (V)	12	12	12
Maximum Pull (kg)	630	700	900
Working Load (kg)	95	100	125
Amps at Working Load (A)	60	110	125
Line Speed at Working Load (m/min)	23	25	18
Max. Line Speed (m/min)	26	28	30
Net Weight Low Profile (kg)	11	13	16
Net Weight with Drum (kg)	12	14	17

X1	Chain	Rope	Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	10-12 mm, 3-strand	472881	473207	*
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	187270	473003	600092
Low Profile	6 mm, ISO 4565 / DIN 766	10-12 mm, 3-strand	472880	473217	*
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	187269	473002	600093

Construction	Dark Version		
Motor size	500 W	800 W	1000 W
Power Supply (V)	12	12	12
Maximum Pull (kg)	630	700	900
Working Load (kg)	95	100	125
Amps at Working Load (A)	60	110	125
Line Speed at Working Load (m/min)	23	25	18
Max. Line Speed (m/min)	26	28	30
Net Weight Low Profile (kg)	11	13	16
Net Weight with Drum (kg)	12	14	17

X1	Chain	Rope	Code	Code	Code
With Drum	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	*	636702	*
Low Profile	6 mm, ISO 4565 / DIN 766	10-12 mm, 3-strand	636206	636433	*
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	636700	636432	636701

For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com

X1 - Vertical Windlass

Main features

- With drum or low profile
- Independent gypsy and drum operation
- Rope and chain combination gypsy
- Manual chain release
- Chain & rope management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- IP67 motor cover
- Marine anodised aluminium gearbox



Combine with
LOFRANS' Gypsies
page 85



Combine with
LOFRANS'
Maintenance Kit
page 84



X2 - Vertical Windlass

Main features

- Special watertight stainless steel ball bearing in the base
- With drum or low profile
- Independent gypsy and drum operation
- Rope and chain combination gypsy
- Manual chain release
- Manual override available for chrome plated models and dark version only (800 W chrome variant does not have the manual override function)
- Chain & rope management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- IP67 motor cover
- Marine anodised aluminium gearbox

Construction		Anodised Aluminium				
Motor size		800W	1000 W		1500 W	
Power Supply (V)		12	12	24	12	24
Maximum Pull (kg)		850	1000	1060	1200	1270
Working Load (kg)		115	150	160	165	175
Amps at Working Load (A)		110	117	59	130	65
Line Speed at Working Load (m/min)		30	20	23	17	19
Max. Line Speed (m/min)		35	40	40	40	40
Net Weight Low Profile (kg)		18	19	23	24	24
Net Weight with Drum (kg)		19	20	24	25	25

X2	Chain	Rope	Code	Code	Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	-	600044	600049	601062	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472735	472751	472750	600057	600061
	10 mm, DIN 766	-	*	601052	601064	601057	601068
	10 mm, ISO 4565	-	*	600053	601063	600056	600060
Low Profile	6 mm, ISO 4565 / DIN 766	-	600045	600050	601058	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472558	472557	601059	601053	601065
	10 mm, DIN 766	-	*	601049	601061	601055	601067
	10 mm, ISO 4565	-	*	57450	601060	601054	601066

Construction		Chrome Plated				
Motor size		800W	1000 W		1500 W	
Power Supply (V)		12	12	24	12	24
Maximum Pull (kg)		850	1000	1060	1200	1270
Working Load (kg)		115	150	160	165	175
Amps at Working Load (A)		110	117	59	130	65
Line Speed at Working Load (m/min)		30	20	23	17	19
Max. Line Speed (m/min)		35	40	40	40	40
Net Weight Low Profile (kg)		21	23	23	24	24
Net Weight with Drum (kg)		23	24	24	25	25

X2	Chain	Rope	Code	Code	Code	Code	Code
With Drum	6 mm, ISO 4565 / DIN 766	-	600046	600997	601034	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472862	473212	473255	602110	601042
	10 mm, DIN 766	-	*	602096	473227	187274	187276
	10 mm, ISO 4565	-	*	472863	601011	601013	601044
Low Profile	6 mm, ISO 4565 / DIN 766	-	600047	600989	601028	*	*
	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	472861	473213	600054	601006	601039
	10 mm, DIN 766	-	*	602097	473226	187273	601041
	10 mm, ISO 4565	-	*	472864	478642	601008	602529

Construction		Dark Version	
Motor size		1000W	
Power Supply (V)		12	
Maximum Pull (kg)		1000	
Working Load (kg)		150	
Amps at Working Load (A)		117	
Line Speed at Working Load (m/min)		20	
Max. Line Speed (m/min)		40	
Net Weight Low Profile (kg)		19	
Net Weight with Drum (kg)		20	

X2	Chain	Rope	Code
With Drum	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	636704
	10 mm, DIN 766	-	636708
	10 mm, ISO 4565	-	636706
Low Profile	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	636703
	10 mm, DIN 766	-	636707
	10 mm, ISO 4565	-	636705

For additional options on compatible gypsies, please check on relevant page.
If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com



Combine with
LOFRANS'
Maintenance Kit
page 84



Construction		Anodised Aluminium			
Motor size		1500 W		1700 W	
Power Supply (V)		12	24	12	24
Maximum Pull (kg)		1200	1200	1600	1695
Working Load (kg)		165	165	200	200
Amps at Working Load (A)		150	65	180	90
Line Speed at Working Load (m/min)		17	17	14	15
Max. Line Speed (m/min)		40	35	32	32
Net Weight Low Profile (kg)		32	32	32	35
Net Weight with Drum (kg)		35	35	35	38

X1	Chain	Rope	Code	Code	Code	Code
With Drum	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	602243	602240	57451	601136
	10 mm, DIN 766	16 mm, 3-strand	602245	602242	57452	601139
	10 mm, ISO 4565	16 mm, 3-strand	602244	602241	601132	601137
	12 mm, ISO 4565 / 13mm, DIN 766	18 mm, 3-strand	*	*	57453	601138
Low Profile	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	602249	602246	601128	602238
	10 mm, DIN 766	16 mm, 3-strand	602251	602248	601131	601135
	10 mm, ISO 4565	16 mm, 3-strand	602250	602247	601129	601133
	12 mm, ISO 4565 / 13mm, DIN 766	18 mm, 3-strand	*	*	602237	601134

Construction		Chrome Plated			
Motor size		1500 W		1700 W	
Power Supply (V)		12	24	12	24
Maximum Pull (kg)		1200	1200	1600	1695
Working Load (kg)		165	165	200	200
Amps at Working Load (A)		150	65	180	90
Line Speed at Working Load (m/min)		17	17	14	15
Max. Line Speed (m/min)		40	35	32	32
Net Weight Low Profile (kg)		32	32	35	35
Net Weight with Drum (kg)		35	35	38	38

X1	Chain	Rope	Code	Code	Code	Code
With Drum	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	601079	601102	600064	600068
	10 mm, DIN 766	16 mm, 3-strand	602098	473228	602101	602103
	10 mm, ISO 4565	16 mm, 3-strand	472865	478647	473208	473252
	12 mm, ISO 4565 / 13mm, DIN 766	18 mm, 3-strand	601084	601107	473004	473005
Low Profile	8 mm, ISO 4565 / DIN 766	14 mm, 3-strand	601070	601095	600065	601108
	10 mm, DIN 766	16 mm, 3-strand	602099	473218	602102	602104
	10 mm, ISO 4565	16 mm, 3-strand	472866	601097	473209	473256
	12 mm, ISO 4565 / 13mm, DIN 766	18 mm, 3-strand	601075	601098	472842	473006

Construction		Chrome Plated		
Motor size		2300 W	2700 W	Hydraulic - 8cc
Power Supply (V)		24	24	-
Maximum Pull (kg)		2000	2400	2500
Working Load (kg)		500	530	650
Amps at Working Load (A)		160	170	-
Line Speed at Working Load (m/min)		12	12	16
Max. Line Speed (m/min)		25	28	16
Net Weight Low Profile (kg)		72	75	55
Net Weight with Drum (kg)		82	85	60
Hydraulic Pressure (bar)		-	-	200
Hydraulic Flow (lt/min)		-	-	32

X4	Chain	Type**	Code	Code	Code
With Drum	10 mm, DIN 766	CW	600073	601167	*
	12 mm, ISO 4565 / 13mm, DIN 766	CW	473007	600075	602361
	14 mm	CW	476292	472849	602362
	12 mm, ISO 4565 / 13mm, DIN 766	CCW	600074	600076	602363
	14 mm	CCW	601150	601175	602364
Low Profile	12 mm, ISO 4565 / 13mm, DIN 766	CCW	601142	601159	*

** cw: the windlass pulls clockwise / ccw: the windlass pulls counter clockwise

For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com

X3 - Vertical Windlass

Main features

- With drum or low profile
- Independent gypsy and drum operation
- Rope and chain combination gypsy
- Manual chain release
- Manual override available for chrome plated models only
- Chain & rope management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- IP67 motor cover (up to 1500 W)
- Marine anodised aluminium gearbox



Combine with
LOFRANS' Gypsies
page 85

Combine with
LOFRANS'
Maintenance Kit
page 84



X4 - Vertical Windlass

Main features

- With drum or low profile
- Independent gypsy and drum operation
- Manual chain release
- Manual override
- Chain counter magnet pre-installed as standard
- Anodised marine aluminium gearbox
- Heavy-duty electric motor





SX1 - Vertical Windlass



Main features

- Compact round base design
- Marine AISI 316L Stainless Steel construction
- Manual chain release
- Chain counter magnet pre-installed as standard
- IP67 motor cover
- Marine anodised aluminium gearbox
- Chain pipe available as an option



Combine with
LOFRANS' Gypsies
page 85

Construction	AISI 316L Stainless Steel	
	500 W	800 W
Motor size	12	12
Power Supply (V)	12	12
Maximum Pull (kg)	630	700
Working Load (kg)	95	100
Amps at Working Load (A)	75	80
Line Speed at Working Load (m/min)	23	25
Max. Line Speed (m/min)	26	28
Net Weight Low Profile (kg)	11	13

SX1	Chain	Code	Code
Low Profile	6 mm, ISO 4565 / DIN 766	636279	636281
	8 mm, ISO 4565 / DIN 766	*	636280

SX2 - Vertical Windlass



Main features

- Compact round base design
- With drum or low profile
- Marine AISI 316L Stainless Steel construction
- Independent gypsy and drum operation
- Manual chain release
- Chain counter magnet pre-installed as standard
- IP67 motor cover
- Marine anodised aluminium gearbox
- Chain pipe available as an option



Construction	AISI 316L Stainless Steel			
	1000 W		1500 W	
Motor size	12	24	12	24
Power Supply (V)	12	24	12	24
Maximum Pull (kg)	1000	1060	1200	1270
Working Load (kg)	150	160	165	175
Amps at Working Load (A)	135	70	150	75
Line Speed at Working Load (m/min)	20	23	17	19
Max. Line Speed (m/min)	40	40	40	40
Net Weight Low Profile (kg)	19	23	24	24
Net Weight with Drum (kg)	20	24	25	25

SX2	Chain	Code	Code	Code	Code
With Drum	8 mm, ISO 4565 / DIN 766	636283	*	*	636285
	10 mm, DIN 766	636653	*	*	*
Low Profile	8 mm, ISO 4565 / DIN 766	636282	*	*	636284

SX3 - Vertical Windlass

Main features

- Compact round base design
- With drum or low profile
- Marine AISI 316L Stainless Steel construction
- Independent gypsy and drum operation
- Manual chain release
- Chain counter magnet pre-installed as standard
- IP67 motor cover (up to 1500 W)
- Marine anodised aluminium gearbox
- Chain pipe available as an option



Combine with
LOFRANS'
Maintenance Kit
page 84

Construction	AISI 316L Stainless Steel			
	1500 W		1700 W	
Motor size	12	24	12	24
Power Supply (V)	12	24	12	24
Maximum Pull (kg)	1200	1200	1600	1695
Working Load (kg)	165	165	200	215
Amps at Working Load (A)	150	65	180	90
Line Speed at Working Load (m/min)	17	17	14	15
Max. Line Speed (m/min)	40	40	35	35
Net Weight Low Profile (kg)	32	32	35	35
Net Weight with Drum (kg)	35	35	38	38

SX2	Chain	Code	Code	Code	Code
With Drum	8 mm ISO 4565 / DIN 766	636598	*	*	*
	10 mm, DIN 766	636652	*	636591	636288
	10 mm, ISO 4565 - 3/8" HT	636658	*	*	*
	12 mm, ISO 4565 / 13mm, DIN 766	*	*	*	636287
Low Profile	10 mm, ISO 4565	636289	*	*	*
	12 mm, ISO 4565 / 13mm, DIN 766	*	*	*	636286

For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com

Construction	AISI 316L Stainless Steel				
Motor size	1700 W		2300 W	2700 W	Hydraulic - 8cc
Power Supply (V)	12	24	24	24	-
Maximum Pull (kg)	1700	1750	1900	2400	2500
Working Load (kg)	215	220	265	320	650
Amps at Working Load (A)	135	68	110	125	-
Line Speed at Working Load (m/min)	15	15	18	18	16
Max. Line Speed (m/min)	32	32	30	32	16
Net Weight Low Profile (kg)	50	50	60	60	55
Net Weight with Drum (kg)	48	48	58	58	60
Hydraulic Pressure (bar)	-	-	-	-	200
Hydraulic Flow (lt/min)	-	-	-	-	32

SX3.5	Chain	Code	Code	Code	Code	Code
With Drum	10 mm, DIN 766	600084	600085	602372	*	*
	12 mm, ISO 4565 / 13mm, DIN 766	600086	600087	600088	602373	636392
	14 mm	*	*	*	600090	*
Low Profile	12 mm, ISO 4565 / 13mm, DIN 766	635984	635985	635986	636099	*
	14 mm	*	*	*	*	636208

SX3.5 - Vertical Windlass

Main features

- Compact round base design
- Marine AISI 316L Stainless Steel construction
- With drum or low profile
- Independent gypsy and drum operation
- Manual chain release
- Chain counter magnet pre-installed as standard
- Marine anodised aluminium gearbox
- Heavy duty electric motor
- Chain pipe available as an option



Combine with
LOFRANS' Gypsies
page 85

Anchoring, Docking & Mooring

Construction	AISI 316L Stainless Steel		
Motor size	2300 W	2700W	Hydraulic - 8cc
Power Supply (V)	24	24	-
Maximum Pull (kg)	2100	2500	2500
Working Load (kg)	500	530	650
Amps at Working Load (A)	160	170	-
Line Speed at Working Load (m/min)	13	13	16
Max. Line Speed (m/min)	25	28	16
Net Weight Low Profile (kg)	72	75	55
Net Weight with Drum (kg)	82	85	60
Hydraulic Pressure (bar)	-	-	200
Hydraulic Flow (lt/min)	-	-	32

SX4	Chain	Type**	Code	Code	Code
With Drum	12 mm, ISO 4565 / 13mm, DIN 766	CW	636290	636291	636295
	14 mm	CW	*	636655	*
Low Profile	12 mm, ISO 4565 / 13mm, DIN 766	CW	636292	636293	636294
		CCW	*	639293	639294

**cw: the windlass pulls clockwise / ccw: the windlass pulls counter clockwise

For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com

www.marinastores.gr

SX4 - Vertical Windlass

Main features

- Compact round base design
- Marine AISI 316L Stainless Steel construction
- With drum or low profile
- Independent gypsy and drum operation
- Manual chain release
- Chain counter magnet pre-installed as standard
- Marine anodised aluminium gearbox
- Manual override
- Chain pipe available as an option



Combine with
LOFRANS'
Maintenance Kit
page 84





SX5 - Vertical Windlass

Main features

- Compact round base design
- Marine AISI 316L Stainless Steel construction
- Independent gypsy and drum operation
- Manual chain release
- Chain counter magnet pre-installed as standard
- Marine anodised aluminium gearbox
- Manual override
- Chain pipe available as an option



Combine with
LOFRANS' Gypsies
page 85

SX7 - Vertical Windlass

Main features

- Compact round base design
- Marine AISI 316L Stainless Steel construction
- Independent gypsy and drum operation
- Manual chain release
- Chain counter magnet pre-installed as standard
- Marine anodised aluminium gearbox
- Available electric (DC or AC) and hydraulic motors
- Chain pipe included in the package



Combine with
LOFRANS'
Maintenance Kit
page 84



Construction	AISI 316L Stainless Steel	
Motor size	3000 W	Hydraulic - 8cc
Power Supply (V)	24	-
Maximum Pull (kg)	2800	2500
Working Load (kg)	760	680
Amps at Working Load (A)	210	-
Line Speed at Working Load (m/min)	17	21
Max. Line Speed (m/min)	33	21
Net Weight with Drum (kg)	100	85
Hydraulic Pressure (bar)	-	200
Hydraulic Flow (lt/min)	-	32

SX5	Chain	Type**	Code	Code
With Drum	10 mm, DIN 766	cw	600089	602389
	14 mm	cw	600091	602390
	14 mm	ccw	636463	602392
Low Profile	12 mm, ISO 4565 / 13mm, DIN 766	cw	636296	*

** cw: the windlass pulls clockwise / ccw: the windlass pulls counter clockwise

Construction	AISI 316L Stainless Steel		
Motor size	3500 W	4000 W	Hydraulic - 8cc
Power Supply (V)	24	230-400	-
Maximum Pull (kg)	3000	3100	3700
Working Load (kg)	800	840	1000
Amps at Working Load (A)	240	-	-
Line Speed at Working Load (m/min)	7	8	10
Max. Line Speed (m/min)	9	10	10
Net Weight with Drum (kg)	160	160	145
Hydraulic Pressure (bar)	-	-	200
Hydraulic Flow (lt/min)	-	-	32

SX5	Chain	Type**	Code	Code	Code
With Drum	12 mm, ISO 4565 / 13mm, DIN 766	cw	636459	636520	636526
	14 mm	cw	636518	636522	636524
	12 mm, ISO 4565 / 13mm, DIN 766	ccw	636464	636521	636527
	14 mm	ccw	636519	636523	636525

**cw: the windlass pulls clockwise / ccw: the windlass pulls counter clockwise

For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com

Construction	AISI 316L Stainless Steel				
Motor size	3500 W	4000 W	5500 W	7500 W	Hydraulic-11cc
Power Supply (V)	24	230-400	230-400	400	-
Maximum Pull (kg)	4500	5500	6500	7500	6500
Working Load (kg)	1075	1310	1550	2000	1550
Amps at Working Load (A)	120	9 - 14	9 - 14	20 - 25	-
Line Speed at Working Load (m/min)	8	12	12	12	12
Max. Line Speed (m/min)	15	12	12	12	12
Net Weight with Drum (kg)	180	180	200	225	165
Hydraulic Pressure (bar)	-	-	-	-	200
Hydraulic Flow (lt/min)	-	-	-	-	40

ERCOLE VERTICAL	Chain	Type**	Code	Code	Code	Code	Code
With Drum	14 mm	cw	600080	600082	*	*	602523
	16 mm ISO 4565		600310	600367	600409	*	602525
	17,5 STUD LINK		*	*	030003	636078***	*
	14 mm	ccw	600081	600083	*	*	602524
	16 mm ISO 4565		600308	600363	600408	*	602526
	17,5 STUD LINK		*	*	030004	636079***	*

** cw: the windlass pulls clockwise / ccw: the windlass pulls counter clockwise

*** Deck thickness 100mm

Construction	Anodised Aluminium
Motor size	Manual
Power Supply (V)	-
Maximum Pull (kg)	400
Working Load (kg)	50
Amps at Working Load (A)	-
Line Speed at Working Load (m/min)	-
Max. Line Speed (m/min)	-
Net Weight with Drum (kg)	10

ROYAL	CHAIN	Code
	6 mm, ISO 4565 / DIN 766	187323
	7 mm, ISO 4565	600625
	8 mm, ISO 4565 / DIN 766	404725
	10 mm, DIN 766	600079
	10 mm, ISO 4565	220002

Construction	Anodised Aluminium
Motor size	700 W
Power Supply (V)	12
Maximum Pull (kg)	575
Working Load (kg)	105
Amps at Working Load (A)	60
Line Speed at Working Load (m/min)	23
Max. Line Speed (m/min)	26
Net Weight (kg)	11

LION 1000	Chain	Rope	Code
	6 mm, ISO 4565	10-12 mm, 3-strand	636214
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	636215
	6 mm, ISO 4565	10-12 mm, 3-strand	636216*
	8 mm, ISO 4565 / DIN 766	12 mm, 3-strand	636217*

For additional options on compatible gypsies, please check on relevant page.

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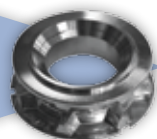
ERCOLE VERTICAL - Vertical Windlass

Main features

- Under-deck compact dimensions
- Marine AISI 316L Stainless Steel construction
- High torque latest generation electric motor able to provide the power needed in all marine conditions
- Band brake to assist in chain control, thanks to an easy-to-manage large hand-wheel
- Special high-grip drum with independent rotation from the gypsy, for warping function
- Independent gypsy and drum operation
- Manual chain release
- Manual override to recover the chain and anchor in case of electrical failure
- Internal ratchet to prevent chain jams into the chain locker which could damage the deck
- Chain counter support integrated by the sensor inserted in the base and the magnet in the gypsy
- Available also in counter clockwise rotation
- High-efficiency Lofrans' planetary - worm screw gearbox made in anodised black aluminium with gears made in high mechanical strength material
- Heavy-duty electric motor
- Available electric (DC or AC) and hydraulic motors
- Available in custom versions



Combine with
LOFRANS' Gypsies
page 85



ROYAL - Horizontal Windlass

Main features

- Marine anodised aluminium body
- Independent gypsy and drum operation
- Manual chain release
- Manual override



Combine with
LOFRANS' Maintenance Kit
page 84



LION 1000 - Horizontal Windlass

Main features

- Automatic free fall available as an option
- White painted anodised aluminium body
- Manual chain release
- Chain & rope management by the spring loaded arm
- Chain counter magnet pre-installed as standard
- IP67 motor cover



*with automatic free fall installed



Anchoring, Docking & Mooring



DORADO - Horizontal Windlass

Main features

- Marine anodised aluminium body
- Manual chain release
- Chain & rope management by the spring loaded arm
- Automatic free fall available as an option



Stern Windlass Support, SS316, with Roller & Flange

Code | 72204

Construction	Anodised Aluminium	
	500 W	800 W
Motor size	12	12
Power Supply (V)	12	12
Maximum Pull (kg)	630	900
Working Load (kg)	95	125
Amps at Working Load (A)	65	80
Line Speed at Working Load (m/min)	18	20
Max. Line Speed (m/min)	24	25
Net Weight (kg)	10	11

Chain	Rope	Type	Code	Code
6 mm, ISO 4565	10-12 mm, 3- strand	Port	409568	600048
8 mm, ISO 4565 / DIN 766	12 mm, 3- strand	Port	600212	409569

Combine with
LOFRANS' Gypsies
page 85



new

Construction	AISI 316L Stainless Steel	
	500 W	800 W
Motor size	12	12
Power Supply (V)	12	12
Maximum Pull (kg)	630	900
Working Load (kg)	95	125
Amps at Working Load (A)	65	80
Line Speed at Working Load (m/min)	18	20
Max. Line Speed (m/min)	24	25
Net Weight (kg)	11	11

RAZZA	Chain	Rope	Code	Code
	6 mm, ISO 4565	10-12 mm, 3- strand	636738	636740
	8 mm, ISO 4565 / DIN 766	12 mm, 3- strand	636739	636699

RAZZA - Horizontal Windlass

Main features

- Marine AISI 316L Stainless Steel construction
- Manual chain release
- Chain & rope management by the spring loaded arm
- IP67 motor cover
- Automatic free fall available as an option



new

Construction	Anodised Aluminium	
	500 W	800 W
Motor size	12	12
Power Supply (V)	12	12
Maximum Pull (kg)	630	700
Working Load (kg)	95	125
Amps at Working Load (A)	65	80
Line Speed at Working Load (m/min)	18	20
Max. Line Speed (m/min)	24	25
Net Weight (kg)	9	10

GECKO	Rope	Code	Code
	12/14/16 mm, 3-strand or leaded rope	636645	636633

GECKO - Stern Windlass

Main features

- Available in two different configurations, for installation in the port or starboard side of the transom
- IP67 protective cover for the motor
- Marine anodised aluminium gearbox
- Automatic free fall operation with the push of a button
- Automatic stop function for carefree anchoring
- For use with 12/14/16 mm 3-strand or leaded rope
- Compact design
- Easy installation which needs very limited space (the motor/gearbox can rotate up to 180° at 60° increments)



For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com

Construction	Anodised Aluminium			
Motor size	700 W		1000 W	
Power Supply (V)	12	12	12	24
Maximum Pull (kg)	1000	1010	1250	1325
Working Load (kg)	100	135	170	170
Amps at Working Load (A)	110	110	150	80
Line Speed at Working Load (m/min)	21	25	16	17
Max. Line Speed (m/min)	32	30	32	33
Net Weight (kg)	24	24	25	25
CAYMAN	Chain	Code	Code	Code
	6 mm, ISO 4565 / DIN 766	600043	*	600153
	8 mm, ISO 4565 / DIN 766	220273	600172	220279
	10 mm, ISO 4565	600150	*	419732
	10 mm, DIN 766	*	*	600165

CAYMAN - Horizontal Windlass

Main features

- Marine anodised aluminium body
- Independent gypsy and drum operation
- Manual chain release
- Manual override
- IP67 motor cover
- Automatic free fall available as an option



Construction	Anodised Aluminium	
Motor size	1000 W	
Power Supply (V)	12	24
Maximum Pull (kg)	1250	1325
Working Load (kg)	170	170
Amps at Working Load (A)	150	80
Line Speed at Working Load (m/min)	16	17
Max. Line Speed (m/min)	32	33
Net Weight (kg)	21	21
KOBRA	Chain	Code
	6 mm, ISO 4565 / DIN 766	600051
	8 mm, ISO 4565 / DIN 766	220260
	10 mm, ISO 4565	428747
	10 mm, DIN 766	600052

KOBRA - Horizontal Windlass

Main features

- Marine anodised aluminium body
- Independent gypsy and drum operation
- Manual chain release
- Manual override
- Automatic free fall available as an option

Combine with
LOFRANS®
Maintenance Kit
page 84



Construction	Anodised Aluminium		
Motor size	1500 W		
Power Supply (V)	12	24	48
Maximum Pull (kg)	1500	1590	1000
Working Load (kg)	190	200	120
Amps at Working Load (A)	160	90	33
Line Speed at Working Load (m/min)	14	16	20
Max. Line Speed (m/min)	33	33	20
Net Weight (kg)	28	28	28
TIGRES	Chain	Compatible Rope Kit	Code
	8 mm, ISO 4565 / DIN 766	636566	418407
	10 mm, ISO 4565	636616	470060
	10 mm, DIN 766	*	600055

TIGRES - Horizontal Windlass

Main features

- Marine anodised aluminium body
- Independent gypsy and drum operation
- Manual chain release
- Manual override
- IP67 motor cover
- Automatic free fall available as an option
- Rope Kit is available for all models
- 48V models come with pre-installed Rope Kit as standard



****48V models come with ROPE KIT pre-installed as standard**

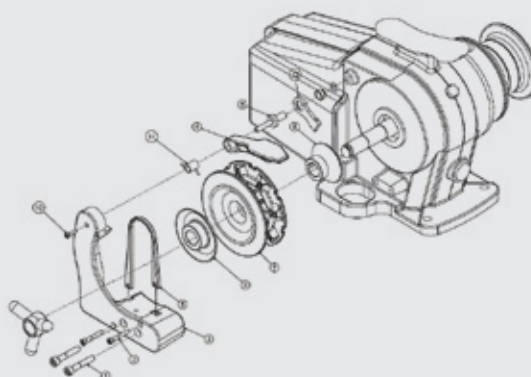
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ROPE KIT for TIGRES

Included in Package

- Screw socket head
- Spring
- Body
- Finger
- Stripper
- Finger Pin
- Gypsy
- Internal & Outer Cone Clutch
- Pawl

Code		
636566	8 mm ISO - 5/16" HT	14mm 3-strand or 8 plaited rope
636616	10 mm ISO-3/8" HT	16mm 3-strand or 8 plaited rope



For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com

FALKON - Horizontal Windlass

Main features

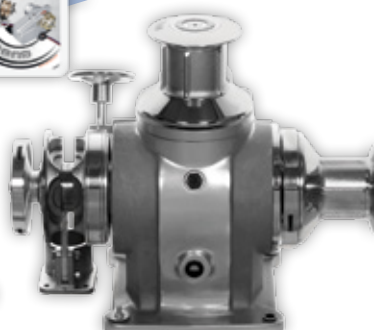
- Marine anodised aluminium body
- Independent gypsy and drum operation
- Manual chain release
- Manual override
- IP67 motor cover



Combine with
LOFRANS'
Maintenance Kit
page 84



TITAN - Horizontal Windlass



Combine with
LOFRANS' Gypsies
page 85



ERCOLE - Horizontal Windlass



Construction	Anodised Aluminium		
Motor size	1700 W	2000 W	
Power Supply (V)	12	24	24
Maximum Pull (kg)	1700	1800	2640
Working Load (kg)	215	225	330
Amps at Working Load (A)	210	100	110
Line Speed at Working Load (m/min)	14	15	19
Max. Line Speed (m/min)	33	33	33
Net Weight (kg)	55	55	57

Chain	Type	Code	Code	Code
10 mm, ISO 4565 / 3/8" HT	Standard (Drum port & Gypsy starboard)	220293	418511	636670
10 mm, DIN 766		600063	600067	*
12 mm, ISO 4565 / 13mm, DIN 766		404732	404733	636606
7/16" HT		*	*	636671
1/2" HT		600446	600471	636672
10mm, ISO 4565 / 3/8" HT	Gypsy port & Gypsy starboard	600432	600448	636673

Construction	Anodised Aluminium		
Motor size	2300 W	3600 W	Hydraulic - 9cc
Power Supply (V) (Phase)	24	230 (1Ph)	-
Chain	Model**	Code	Code
12 mm, ISO 4565 / 13mm, DIN 766	Type A	404724	600845
14 mm, DIN 766		600072	600847
12 mm, ISO 4565 / 13mm, DIN 766	Type B	428938	600880
14 mm, DIN 766		426415	600882
12 mm, ISO 4565 / 13mm, DIN 766	Type C	600895	*

Construction	White Anodised Aluminium	
Motor size	2300 W	3600 W
Power Supply (V) (Phase)	24	230 (1Ph)
Chain	Model**	Code
12 mm, ISO 4565 / 13mm, DIN 766	Type A	600839
14 mm, DIN 766		602415
12 mm, ISO 4565 / 13mm, DIN 766	Type B	600865
14 mm, DIN 766		600866
12 mm, ISO 4565 / 13mm, DIN 766	Type C	600896

Construction	White Anodised Aluminium			
Motor size	3500 W	5500 W	Hydraulic - 11cc	
Power Supply (V) (Phase)	24	230 (1Ph) 400 (3Ph)	-	
Chain	Model**	Code	Code	Code
14 mm	Type A	403615	*	602509
	Type B	220317	600246	600256
	Type C	403614	*	602515
	Type E	600274	*	*
16 mm	Type D	600282	*	*

For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

For further information, please visit www.lofrans.com

Construction		White Anodised Aluminium		
Motor size		3500 W	5500 W	Hydraulic - 11cc
Power Supply (V)		24	400	-
Chain	Model**	Code	Code	Code
SUPER ERCOLE	Type A	404957	602501	602488
	Type B	426414	602504	602491
	Type C	602498	600668	602494
	Type D	600671	*	*

For additional options on compatible gypsies, please check on relevant page.

If you are interested in an alternative configuration not listed above or any other special product, please contact our team.

SUPER ERCOLE – Horizontal Windlass



Anchoring, Docking & Mooring

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Construction	AISI 316 Stainless Steel
Motor Size	1000 W
Power Supply (V)	12
Maximum Pull-Empty Drum (Kg)	900
Maximum Pull-Full Drum (Kg)	220
Amps at Working Load (A)	135
Max. Retrieval Rate (m/min)	45
Max. Fall Rate (m/min)	50
Rope-Chain Capacity (m) (12mm nylon 3-strand rope / 6mm chain)	70 / 8
Net Weight (Kg)	19
Code	636690

DRUM WINCH - Multifunctional Winch

Main features

- Fast and easy rope & chain anchoring for boats up to 40 feet / 12 metres
- Marine AISI 316 Stainless Steel drum, base & backing plate
- Anodised aluminium gear case
- Heavy-duty electric motor and gearbox
- IP67 motor cover
- Gearbox with 8 adjustable positions



Construction	Chrome Plated		
Model	T500	T700	
Motor size	500 W	700 W	
Power Supply (V)	12	12	24
Code	409130	220006	418159

Construction	Anodised Aluminium		
Model	T500	T700	
Motor size	500 W	700 W	
Power Supply (V)	12	12	24
Code	409563	411129	600779

T500 - T700 - T1000 - T1500-T1700 CAPSTANS



Construction	Chrome Plated					
Model	T1000	T1500	T1700			
Motor size	1000 W	1500 W	1700 W			
Power Supply (V)	12	24	12	24	12	24
Code	417946	187324	220014	418161	472407	187326

Construction	Anodised Aluminium					
Model	T1000	T1500	T1700			
Motor size	1000 W	1500 W	1700 W			
Power Supply (V)	12	24	12	24	12	24
Code	409564	409567	600058	600062	600066	600069

T500 - T700 - T1000 - T1500-T1700 CAPSTANS



For further information, please visit www.lofrans.com

T2000 - T2500 CAPSTANS



Construction	Chrome Plated			
Model	T2000			
Motor size	2200 W	2300 W		Hydraulic - 9cc
Type**	CW	CW	CCW	CW
Power Supply (V)	400	24	24	-
Code	600071	404967	600729	602140

Construction	Chrome Plated			
Model	T2500			
Motor size	2200 W	2700 W	Hydraulic - 9cc	
Type**	CW	CW	CW	
Power Supply (V)	400	24	-	
Code	600070	476239	602168	

**cw: the capstan pulls clockwise / ccw: the capstan pulls counter clockwise

ST1000 - ST1500 - ST1700 CAPSTANS



Construction	AISI 316L Stainless Steel		
Model	ST1000	ST1500	ST1700
Motor size	1000 W	1500 W	1700 W
Power Supply (V)	24	24	24
Code	636297	636298	636299

ST2000 - ST2500 CAPSTANS



Construction	AISI 316L Stainless Steel	
Model	ST2000	
Motor size	2300 W	
Type**	CW	CCW
Power Supply (V)	24	24
Code	636300	636301

Construction	AISI 316L Stainless Steel		
Model	ST2500		
Motor size	2200 W	2700 W	Hydraulic - 9cc
Type**	CW	CW	CW
Power Supply (V)	230-400	24	-
Code	636302	636303	636304

**cw: the capstan pulls clockwise / ccw: the capstan pulls counter clockwise

ST3000 - ST4000 CAPSTANS



Construction	AISI 316L Stainless Steel			
Model	ST3000			
Motor size	2200 W	3000 W	3600 W	Hydraulic - 9cc
Power Supply (V)	230-400	24	24	-
Code	600767	602187	602196	602189

Construction	AISI 316L Stainless Steel			
Model	ST4000			
Motor size	3500 W	4000 W	5000 W	Hydraulic - 11cc
Power Supply (V)	24	230-400	230-400	-
Code	600077	600771	423284	636041

For further information, please visit www.lofrans.com



CETO RECOVERY CAPSTANS

Construction	Marine anodised aluminum		
Motor size	1000 W		
Power Supply (V)	12		
Code	635999		



TENDER WINCH RECOVERY CAPSTANS

Construction	Marine anodised aluminum		
Motor size	500 W	800 W	700 W
Power Supply (V)	12	12	24
Code	030054	602122	602123



For further information, please visit www.lofrans.com

Lofrans' Chain Stopper, Stainless Steel, for ISO/DIN chain 8/10mm

Code | 636257



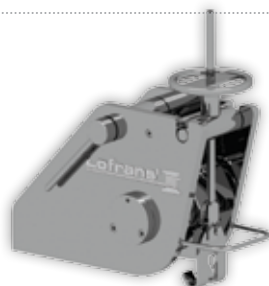
Lofrans' Chain Stopper, Stainless Steel, for ISO/DIN chain 10/12mm

Code | 636604



Lofrans' Chain Stopper, Stainless Steel, for ISO/DIN chain 12/13/14/16mm

Code | 72191



Lofrans' Chain Roller-Stopper w/Tensioner, Stainless Steel, for ISO/DIN studlink chain 14/16mm

Code | 72192

new



Lofrans' Chain Roller for chain 10/12mm ISO and 13/14/16mm DIN

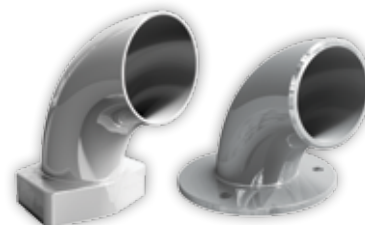
Code | 636532

Chain Pipe for SX Series

Main features

- Ensuring the smooth movement of the chain from and to the chain locker
- Marine AISI 316 stainless steel construction
- Iconic Italian design
- Mirror-polished finish
- Compatible with our SX series

Code	636431	636311	636312	636313	636314
Windlass	SX1	SX2 & SX3	SX3,5	SX4	SX5



Touch Panel Up Down, Black

- Low profile anchor windlass touch panel with LED backlit buttons
- It is designed with safety in mind, having a two button activation mode in order to secure any accidental activation
- Its secure design is enhanced by the 3-minute auto deactivation as well as the buzzer notification on deactivation
- The round back flange plays a key role to the easy installation on board
- It comes in elegant black colour
- IP67 water/dust rating (front panel)
- A truly reliable windlass control panel

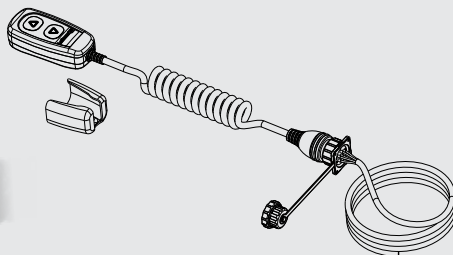
Code	74317
Colour	Black
Compatible with	All Windlasses
Dimensions (mm)	65 x 65



new
Lofrans' HH Remote Control LFR200 for Windlass

- Designed for remote operation of various electrically operated equipment on board such as windlasses, cranes, gangways, sea ladders etc.
- Made of high-strength glass reinforced PP combined with a rubber gasket to ensure advanced durability, perfect watertightness, and a secure grip
- Ergonomic design
- Solid and durable construction

- IP67-rated with waterproof plug & socket
- Flexible cable extensible up to 4 metres (approximately) for maximum freedom on board during anchoring manoeuvring
- Socket & plug with pre-wired cables for easy and trouble-free installation
- Parallel connection
- 2 buttons (up-down)
- Support bracket for stowing



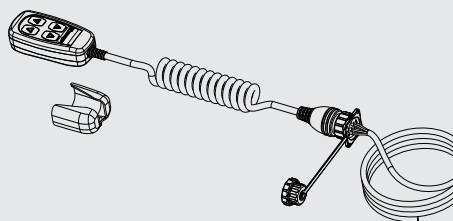
Code	60047
Command Transmission	Wire
Number of Buttons	2
Voltage (V DC)	10 - 30
Operating Temperature (°C)	From -10 to +60
Protection Rating*	IP67
Max. Contacts Amperage (A)	3
Weight (g)	310
Dimensions (mm)	106 x 50 x 32

*When installed

new
Lofrans' HH Remote Control LFR400 for Windlass

- Designed for remote operation of various electrically operated equipment onboard such as windlasses, cranes, gangways, sea ladders etc.
- Made of high-strength glass reinforced PP combined with a rubber gasket to ensure advanced durability, perfect watertightness, and a secure grip
- Ergonomic design
- Solid and durable construction
- IP67-rated with waterproof plug & socket

- Flexible cable extensible up to 4 metres (approximately) for maximum freedom on board during anchoring manoeuvring
- Socket & plug with pre-wired cables for easy and trouble-free installation
- Parallel connection
- 4 buttons for operating two windlasses or other onboard equipment
- Support bracket for stowing



Code	60048
Command Transmission	Wire
Number of Buttons	4
Voltage (V DC)	10 - 30
Operating Temperature (°C)	From -10 to +60
Protection Rating*	IP67
Max. Contacts Amperage (A)	2
Weight (g)	318
Dimensions (mm)	106 x 50 x 32

*When installed

THETIS 7003
Radio Control Chain Counter THETIS 7003

- Without cable ties, plug or panels & with rechargeable battery
- With reinforced covers & buttons
- Chain speed indicator / mooring length in meters or feet
- Voltage indicator
- Up alarm sensor
- Switch on button / Key tones adjustment
- High vision LCD display / Backlit display screen / Eight level of contrast
- Six language menu (IT, EN, FR, DE, ES, GR)
- Able to control free fall windlasses
- Parallel connection
- USB cable included
- Support bracket for stowing

Code	73633
Command transmission	Remote
Number of buttons	3 (Transmitter)
Voltage (V DC)	12 - 24 (Receiver)
Operating temperature	-10 : +60
Protection Rating*	IP 66 (Transmitter)
Max. contacts amperage (A)	2 (Receiver)
Weight (g)**	140 (Transmitter) 110 (Receiver)
Dimensions (mm)	155x65x45 (Transmitter) 69x133x30 (Receiver)

*When installed

**With fixing lugs





Code	73632
Command transmission	Wire
Number of buttons	3
Voltage (V DC)	12 - 24
Operating Temperature (°C)	-10 : +60
Protection Rating*	IP66
Max. contacts amperage (A)	2
Weight (g)	410
Dimensions (mm)	155x65x45

*When installed

Hand Held Remote Control Chain Counter THETIS 5003

- Specially designed to provide full control in anchoring
- Soft rubber casing that allows for anti-slip grip
- IP66-rated with waterproof plug & socket IP67-rated
- Flexible cable extensible up to 4 metres (approximately) for maximum freedom on board during anchoring manoeuvring
- Advanced microprocessor that offers a series of advantages for full anchoring control
- With reinforced covers & buttons
- Chain speed indicator / mooring length in meters or feet
- Voltage indicator
- Up alarm sensor
- Key tones adjustment
- High vision LCD display / Backlit display screen / Eight level of contrast
- Six language menu (IT, EN, FR, DE, ES, GR)
- Able to control free fall windlasses
- Parallel connection
- Support bracket for stowing

THETIS 5003



Anchoring, Docking & Mooring

Code	73631
Command transmission	Wire
Number of buttons	2
Voltage (V DC)	12 - 24
Operating Temperature (°C)	-10 : +60
Protection Rating*	IP66
Max. contacts amperage (A)	2
Weight (g)	340
Dimensions (mm)	155x65x45

*When installed

Hand Held Control THETIS 1002

- Elegant and functional design
- Soft rubber casing that allows for anti-slip grip
- IP66-rated with waterproof plug & socket IP67-rated
- Flexible cable extensible up to 4 metres (approximately) for maximum freedom on board during anchoring manoeuvring
- With reinforced covers & buttons
- Inversion polarity protection
- Parallel connection
- 2 buttons (up-down)
- Support bracket for stowing

THETIS 1002



Code	600017	600117
Colour	Grey	Black
Command transmission	Wire	
Number of buttons	3	
Voltage (V DC)	12 - 24	
Operating Temperature (°C)	-10 : +60	
Protection Rating*	IP67	
Max. contacts amperage (A)	2	
Weight (g)**	225	
Dimensions (mm)	110x105x15	

*When installed

**With the protective cover

Panel Chain Counter IRIS II

- Flybridge chain counter
- Technologically advanced
- Elegant and ergonomic design
- Suitable for all types of boat cockpits
- Advanced microprocessor
- With different operations allowing for optimum anchoring
- New larger display
- Chain speed indicator / mooring length in meters or feet
- Voltage indicator
- Up alarm sensor
- Key tones adjustment
- High-vision LCD display 3" / Backlit display screen / Eight level of contrast
- Six language menu (IT, EN, FR, DE, ES, GR)
- Able to control free fall windlasses
- Parallel connection
- New push-in termination connector does not require specialty tool
- Available in grey & black colour

IRIS II



Code	636305
Description	Transmitter & Receiver (EU/USA)
Frequency	433 MHz
Number of buttons	4
Voltage (V)	12 - 24 (Receiver) 3 (Transmitter)
Operating Temperature (°C)	-10 : +60
Protection Rating	IP 67
Max. contacts amperage (A)	10
Weight (g)	31 (Transmitter) / 95 (Receiver)
Dimensions (mm)	71,8x38x17,7 (Transmitter) / 100,5x61x25 (Receiver)

Mini Remote Control

- Designed to operate with Lofrans' windlasses
- Can also be used to operate other on-board equipment, such as thrusters, passerelles, cranes, etc.
- Supports up to 4 independently control channels (12/24V - 10A)
- Zero power consumption when in standby (transmitter)
- Transmitter IP67 rated



CE

3
Years Limited
Warranty



Radio Remote Control

- Designed to operate with Lofrans' windlasses
- Can also be used to operate other on-board equipment, such as thrusters, passerelles, cranes, etc.
- Transmitter IP67 rated
- Supports up to 8 independently controlled channels
- Each receiver can switch 4 channels (12/24 V - 2 A)
- Each transmitter can handle 2 receivers (8 channels)
- Digital recognition avoids accidental activation of other system
- Zero power consumption when in standby mode (transmitter)
- Easy to install and set-up, simple to use

Code	312976	312977
Description	Transmitter & Receiver (EU)	Transmitter & Receiver (USA)
Frequency	868 MHz	915 MHz
Number of buttons	8 (Transmitter)	
Voltage (V DC)	12 - 24 (Receiver)	
Operating Temperature (°C)	-10 : +60	
Protection Rating	IP67 (Transmitter)	
Max. contacts amperage (A)	2 (Receiver)	
Weight (g)	80 (Transmitter) / 115 (Receiver)	
Dimensions (mm)	114x60x22 (Transmitter) / 126x78x23 (Receiver)	

Anchoring, Docking & Mooring

Control Switch - Type L

- With a three-position switch (Up-Off-Down)
- Usually installed on the cockpit

Code | 404728



3
Years Limited
Warranty

Control Switch - Type C

- Modern and practical design
- Watertight, reliable construction
- Supplied with the apposite case for simple and safe installation

Code | 187338



Foot switch

- Easy-to-install switch, which works simply, by pressing the button with the foot
- Base made of inox
- Cover made of composite material to prevent accidental engagement
- Button made of special marine rubber, able to withstand UV rays and the marine environment
- Available in UP and DOWN versions

3
Years Limited
Warranty



Code	636075	636074	600012	600011	602121
Description	Black / Inox	Red / Inox	Black / Grey	Red / Grey	Blue / WASH DOWN
Voltage (V DC)	12-24				
Operating Temperature (°C)	-10 : +60				
Protection Rating	67				
Max. contacts amperage (A)	5				
Weight (g)	250		100		
Dimensions (mm)	80x95x20				



Exploded Diagram
& Contents



Maintenance Kit

Every Lofrans' windlass has its own maintenance kit in order to remain as good as new. You can choose the proper one according to the exploded diagram.

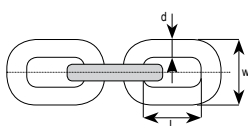
**KEEP YOUR LOFRANS'
AS GOOD AS NEW!**

Code	For WINDLASS
72036	X0
72037	X1
72038	X2 & PROJECT 1000
72039	X2 ALU
72040	X3, X3 ALU & PROJECT 1500
72046	ROYAL
72047	DORADO
72048	KOBRA & CAYMAN
72050	TIGRES
72051	FALKON
72045	ATLAS
74853	GECKO

Gypsies



Chain Identification



For Vertical Windlasses

For Windlass	Chain Size	Gypsy Code
X1 & SX1	6mm ISO 4565 / DIN 766	630970
	7mm ISO 4565 1/4" G40	630980
	8mm ISO 4565 / DIN 766	630999
X2 & SX2	6mm ISO 4565 / DIN 766	630953
	8mm ISO 4565 / DIN 766	630949
	10mm ISO 4565	630951
X3 & SX3	10mm DIN 766	630955
	8mm ISO 4565 / DIN 766	630957
	10mm ISO 4565	630959
SX3.5	10mm DIN 766	630966
	12mm ISO 4565 - 13mm DIN 766	630961
	10mm DIN 766	631026
X4 & SX4	10mm DIN 766 10-3/8 HT	631024
	12-13mm DIN 766	636573
	14 mm	631074
SX5	8mm ISO 4565 / DIN 766	630996
	1/2" G40	631036
	10mm DIN 766 3/8" BBB	631132
SX7	10mm ISO 4565 3/8" HT	636570
	12-13mm DIN 766	636572
	1/2" BBB	631033
ERCOLE VERTICAL	14mm	631059
	12-13mm DIN 766	631039
	14mm	631065
PROJECT 1000	14 STUD LINK	631071
	12-13mm DIN 766	631042
	14mm	631065
PROJECT 1500	16mm ISO 4565	631082
	16mm DIN 766	631088
	1/2" STUD LINK	631053
PROJECT 2000	10mm ISO 4565	631019
	12-13mm DIN 766	631039
	13 ITALMET	631056
ERCOLE HORIZONTAL	13mm DIN 764	631085
	14mm	631065
	14 STUD LINK	631068
TITAN	14,5 UNI 4417	630989
	16mm ISO 4565	631082
	16mm DIN 766	631088
SUPER ERCOLE	16 STUD LINK	631092
	17,5 STUD LINK	631098
	18mm DIN 766	631095
LION 1000	18mm ISO 4565	631101
	19mm	636381
	6mm ISO 4565 / DIN 766	630953
DORADO	8mm ISO 4565 / DIN 766	630949
	10mm ISO 4565	630951
	10mm DIN 766	630955
RAZZA	8mm ISO 4565 / DIN 766	630957
	10mm ISO 4565	630951
	10mm ISO 4565	630959
GECKO	10mm DIN 766	630966
	12mm ISO 4565 - 13mm DIN 766	630961
	5/16" HT	631129
CAYMAN & KOBRA	7/16" HT	630992
	1/2" G40	631036
	10mm DIN 766 3/8" BBB	631132
TIGRES	10mm ISO 4565 3/8" HT	631022
	12-13mm DIN 766	631031
	14mm	631059
FALKON	5/16" HT	631129
	3/8" BBB	631120
	3/8" PC	631122
ERCOLE HORIZONTAL	5/16" HT	631077
	3/8" BBB	631120
	3/8" PC	631122
TITAN	6mm ISO 4565 / DIN 766	630968
	7mm ISO 4565 1/4" G40	630978
	8mm ISO 4565 / DIN 766	630994
SUPER ERCOLE	10mm ISO 4565 3/8" HT	631011
	10mm DIN 766	631118
	12mm ISO 4565 - 13mm DIN 766	631028
ERCOLE HORIZONTAL	5/16" HT	631129
	7/16" HT	636571
	1/2" G40	631036
TITAN	10mm ISO 4565 - 3/8 HT	636570
	10mm DIN 766 - 3/8" BBB	631132
	12-13mm DIN 766	636572
ERCOLE HORIZONTAL	8mm ISO 4565 / DIN 766	630996
	1/2" BBB	631033
	14mm	631059
SUPER ERCOLE	1/2" STUD LINK	631053
	12-13mm DIN 766	631039
	13 ITALMET	631056
ERCOLE HORIZONTAL	14mm	631065
	16mm ISO 4565	631082
	16mm DIN 766	631088
TITAN	16 STUD LINK	631092
	17,5 STUD LINK	631098
	18mm ISO 4565	631101
ERCOLE HORIZONTAL	19mm	636381
	14 STUD LINK	631068
	20 STUD LINK	631110
SUPER ERCOLE	1/2" STUD LINK	631053
	13 ITALMET	631056
	20mm	631113
ERCOLE HORIZONTAL	5/8" HT	630986
	10mm ISO 4565	631019
	12-13mm DIN 766	631039
TITAN	14mm	631065
	13mm DIN 766	631085
	16mm ISO 4565	631082
ERCOLE HORIZONTAL	16mm DIN 766	631088
	16 STUD LINK	631092
	18mm DIN 766	631095
SUPER ERCOLE	18 STUD LINK	631098
	18mm ISO 4565	631101
	19 STUD LINK	636381

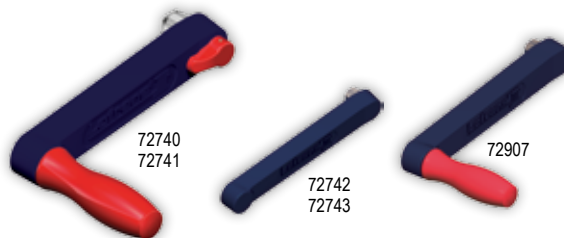
CHAIN d	Inside Length L (mm)	Outside Width w (mm)
6 ISO	18	20
7 ISO	21	24
8 ISO	24	27
10 ISO	30	34
12 ISO	36	40
14 ISO	42	47
6 DIN 766	18,5	20
7 1/4" DIN 766	22	23
8 - 5/16" DIN 766	24	26
10 - 3/8" DIN 766	28	34
13 - 1/2" DIN 766	36	44

For Horizontal Windlasses

For Windlass	Chain Size	Gypsy Code
ROYAL	6mm ISO 4565 / DIN 766	630968
	7mm ISO 4565 - 1/4" G40	630978
	8mm ISO 4565 / DIN 766	630994
LION 1000	10mm ISO 4565 3/8" HT	631011
	10mm DIN 766	631118
	5/16" HT	631077
DORADO	3/8" BBB	631120
	3/8" PC	631122
	6mm ISO 4565 / DIN 766	631005
RAZZA	7mm ISO 4565	631007
	8mm ISO 4565 / DIN 766	636643
	6mm ISO 4565 / DIN 766	630974
GECKO	7mm ISO 4565 1/4" G40	630984
	8mm ISO 4565 / DIN 766	636642
	6mm ISO 4565 / DIN 766	630974
CAYMAN & KOBRA	7mm ISO 4565 1/4" G40	630984
	8mm ISO 4565 / DIN 766	636642
	Only ROPE gypsy	634877
TIGRES	6mm ISO 4565 / DIN 766	630968
	7mm ISO 4565 1/4" G40	630978
	8mm ISO 4565 / DIN 766	630994
FALKON	10mm ISO 4565 3/8" HT	631011
	10mm DIN 766	631118
	5/16" HT	631077
ERCOLE HORIZONTAL	3/8" BBB	631120
	3/8" PC	631122
	5/16" HT	631077
TITAN	3/8" BBB	631120
	3/8" PC	631122
	6mm ISO 4565 / DIN 766	630968
SUPER ERCOLE	7mm ISO 4565 1/4" G40	630978
	8mm ISO 4565 / DIN 766	630994
	10mm ISO 4565 3/8" HT	631011
ERCOLE HORIZONTAL	10mm DIN 766	631118
	12mm ISO 4565 - 13mm DIN 766	631028
	5/16" HT	631129
TITAN	7/16" HT	636571
	1/2" G40	631036
	10mm ISO 4565 - 3/8 HT	636570
ERCOLE HORIZONTAL	10mm DIN 766 - 3/8" BBB	631132
	12-13mm DIN 766	636572
	13mm DIN 764	631050
SUPER ERCOLE	14mm	631059
	1/2" BBB	631033
	3/8" G40	631124
ERCOLE HORIZONTAL	3/8" G40	631124
	1/2" G40	631036
	10mm ISO 4565 3/8" HT	636570
TITAN	10mm DIN 766 3/8" BBB	631132
	12-13mm DIN 766	636572
	8mm ISO 4565 / DIN 766	630996
ERCOLE HORIZONTAL	1/2" BBB	631033
	14mm	631059
	1/2" STUD LINK	631053
SUPER ERCOLE	12-13mm DIN 766	631039
	13 ITALMET	631056
	14mm	631065
ERCOLE HORIZONTAL	16mm ISO 4565	631082
	16mm DIN 766	631088
	16 STUD LINK	631092
TITAN	17,5 STUD LINK	631098
	18mm ISO 4565	631101
	19mm	636381
ERCOLE HORIZONTAL	14 STUD LINK	631068
	20 STUD LINK	631110
	1/2" STUD LINK	631053
SUPER ERCOLE	13 ITALMET	631056
	20mm	631113
	5/8" HT	630986
ERCOLE HORIZONTAL	10mm ISO 4565	631019
	12-13mm DIN 766	631039
	14mm	631065
TITAN	13mm DIN 766	631085
	16mm ISO 4565	631082
	16mm DIN 766	631088
ERCOLE HORIZONTAL	16 STUD LINK	631092
	18mm DIN 766	631095
	18 STUD LINK	631098
SUPER ERCOLE	18mm ISO 4565	631101
	19 STUD LINK	636381

Winch Handles, Floating

- Floating if dropped overboard
- Designed to operate efficiently with the minimum effort required
- Durable, lightweight & easy to handle
- With locking mechanism
- Glass reinforced PA

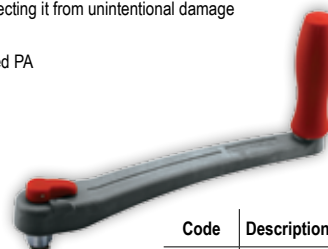


Code	Description	Length (cm)
72740	with lock	20
72741		25
72742	without lock & without handle	20
72743		25
72907	without lock	25



Winch Handles, Glass Reinforced PA

- Designed to operate efficiently with the minimum effort required
- Durable, lightweight & easy to handle
- With upgraded locking feature to ensure lock & unlock position. This increases the mechanism's lifetime, by protecting it from unintentional damage during use.
- Glass Reinforced PA



Code	Description	Length (cm)
74611	with lock	20
74612		25

Winch Handles, Anodised Aluminium

- Designed to operate efficiently with the minimum effort required
- Durable, lightweight & easy to handle
- Available options with speed handle
- With upgraded locking feature to ensure lock & unlock position. This increases the mechanism's lifetime, by protecting it from unintentional damage during use.
- Black Anodised Aluminium

Code	Description	Length (cm)
11856	with lock	20
11857	with lock & speed handle	
11860	with lock	25
11861	with lock & speed handle	

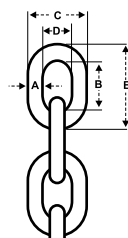
Chains



Hot Dip Galvanized Chain, G40, Calibrated

Main features

- Steel grade 40
- Hot Dip Galvanized
- Extended quality testing
- Certificate of Analysis for every drum included
- Lofrans' Authenticity Check -"LFR"



Code	72312	72313	72314	72315	72316	72408	72409
Type	ISO 4565 / DIN 766	ISO 4565 / DIN 766	DIN 766	ISO 4565	ISO 4565	DIN 766	
A (mm)	6	8	10	10	12	14	16
B (mm)	18,5	24	28	30	36	41,5	45
C (mm)	20	27,5	34	34,5	39,6	47,4	54,6
D (mm)	8	11,5	14	14,5	15,6	19,4	22,6
E (mm)	30,5	40	48	50	60	69,5	77
Weight / m (kg)	0,8	1,42	2,2	2,14	3,23	4,37	5,72
Breaking load (kg)	2400	4300	6750	6750	9700	13230	17280

Code	72749	72750	72751	72752	72753	72754	72755
Type	ISO 4565 / DIN 766		ISO 4565 / DIN 766		ISO 4565		ISO 4565
A (mm)	6		8		10		12
B (mm)	18,5		24		30		36
C (mm)	20		27,5		34,5		39,6
D (mm)	8		11,5		14,5		15,6
E (mm)	30,5		40		50		60
Weight / m (kg)	0,8		1,42		2,14		3,23
Breaking Load (kg)	2400		4300		6750		9700
Bag (m)	30	50	30	50	30	50	50

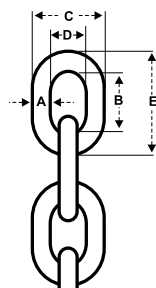
**WITH THE EXPERIENCE
AND QUALITY OF**
Lofrans
WINDLASSES



Galvanized

Hot Dip Galvanized Chain, DIN5685A, Genovese

Code	72060	72061	72062	72063
A (mm)	5	7	10	13
B (mm)	21	28	40	52
C (mm)	20	28	40	52
D (mm)	10	14	20	26
E (mm)	31	42	60	78
Breaking load (kg)	775	1500	3100	5300
Weight / m (kg)	0,5	1	2,05	3,45



Inox 316

Chain, Inox 316, Calibrated

Code	98042	98043	98044	98045	95637	97703
Type	ISO 4565 / DIN 766					
A (mm)	2	3	4	5	6	8
B (mm)	12	15	20	25	18.5	24
C (mm)	7.5	11	13	16	20	26
D (mm)	3.5	5	5	6	8	10
E (mm)	16	21	28	30	30.5	40
Weight / m (kg)	0.07	0.16	0.32	0.5	0.78	1.4
Breaking load (kg)	127	408	816	1,275	1,632	3,265



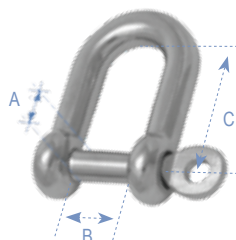
Marine Bucket, Black

Code	72059
Capacity (lt)	7,5
Material	rubber



"D" Shackle, Large, Galvanized

Code	99229	98506	98507	98557	98558	98508	98509
Diam. (mm)	5	6	8	10	12	14	16



"D" Shackle, Inox 316

*Surface : E.P, Body: Casting, Pin: Forging

Code	90432	91189	91190	96694	91191	96881	91192	91193	91194	91195	91196
Size(mm)	4	5	6	7	8	9	10	12	13	14	16
A(mm)	4	4,8	5,8	6,8	7,8	8,8	9,8	11,8	12,8	13,8	15,8
B(mm)	8	10	12	14	16	18	20	24	26	28	32
C(mm)	16	20,21	24,25	28,37	32,48	36,66	40,8	49,27	53,68	57,97	66,7
Working load (kg)	55	80	100	150	200	260	320	520	580	660	800

Anchor Shackle, Type Q

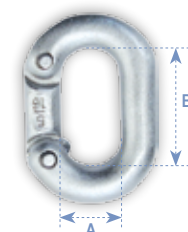
Surface : E.P

Code	99414	99415	99416	99417	99418	99421
Size(mm)	5	6	8	10	12	16
A(mm)	5	6	8	10	12	16
B(mm)	10	12	16	20	24	32
C(mm)	20,5	30	41	51	61	82



Inox 316 Surface : E.P, Body: Casting, Pin: Forging

Code	90433	91200	91201	91202	91203	91204	91205	91206	91207
Size(mm)	4	5	6	8	10	12	13	14	16
A(mm)	4	4,8	5,8	7,8	9,8	11,8	12,8	13,8	15,8
B(mm)	8	10	12	16	20	24	26	28	32
C(mm)	18	22,5	27	36	45	54	58,5	63	72
Working load (kg)	55	80	100	200	320	520	580	660	800



Chain Connector, Galvanized

Code	99393	99394	99395
Size (mm)	6	8	10
A (mm)	11	12,7	14
B (mm)	22	25	28



Chain Connector, Kenter Type, Black

Code	74310	74311	74312	74313	74314	74315	74316
Diameter (mm)	12,5	14	16	17,5	19	20,5	22



Anchor, Bruce Type, Inox 316

Code	Weight (Kg)	For Max Boat Length (ft)
92246	2	18
92247	3	20
92248	5	25
92249	7,5	30
92250	10	35
92251	15	40
92252	20	50
72092	25	60
72093	30	65
72094	40	90
72095	50	120



Anchor, Bruce Type, Hot-dipped Galvanized

Code	Weight (Kg)	For Max Boat Length (ft)
92240	2	18
99207	3,5	20
92241	5	25
92242	7,5	30
92243	10	35
92244	15	40
92245	20	50
72084	25	60
72085	30	65
72086	50	75
72087	80	90



Anchor, Delta Type, AISI 316

Code	Weight (kg)	For Max Boat Length (ft)
99425	6	22
99426	8	30
99427	10	35
99428	15	40
99429	20	50
72096	25	60
99430	30	65
72097	40	75
72098	50	90
72099	80	120



Anchor, Delta Type, Hot-dipped Galvanized

Code	Weight (kg)	For Max Boat Length (ft)
99476	6	25
99478	8	30
99479	10	35
99480	15	40
99481	20	50
72088	25	60
99482	30	65
72089	40	75
72090	50	90
72091	80	120



Folding Anchor, Type A, Hot-dipped Galvanized

Code	Weight (Kg)
92277	1,5
92278	2,5
92279	3,2
92280	4
92281	6
92282	8



Folding Anchor, Type A, Inox 316

Code	Weight (Kg)
92286	0,7
92287	1,5
92288	2,5
92289	4



Plough Anchor, CQR Type, Inox 316

Code	Weight (Kg)
92272	7
92273	9
92274	12
92275	15



Plough Anchor, CQR Type, Hot-dipped Galvanized

Code	Weight (Kg)
92264	7
92265	9
92266	12
92267	15
98466	22

Combine with
Rope for chain rode use
page 93



Folding Anchor, Type B, Hot-dipped Galvanized

Code	Weight (Kg)
92276	0,7
92283	10
92284	12
92285	15



Hall Anchor, Type C, Hot-dipped Galvanized

Code	Weight (Kg)
98888	2,8
98889	4
98890	6
98891	8



Anchor, Danforth Type, Hot-dipped Galvanized

Code	Weight (Kg)
92253	3
92254	5
92255	8
92256	10
92257	12
92258	14
98465	20

Grapnel Anchor, Inox 304



Code	Weight (Kg)
92293	0,4
92294	0,95
92295	1,85
99433	2,5
99434	4



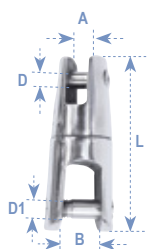
Grapnel Anchor, Hot-dipped Galvanized

Code	Weight (Kg)	Code	Weight (Kg)
70964	1	70966	15
92290	3	70967	18
92291	4	70968	20
92292	6	70969	25
99205	8	70970	30
99206	10	70971	35
70965	12	70972	42



Double Anchor Chain Connection, Inox 316

Code	98078	98079
A (mm)	118	164
B (mm)	9,8	13,9
C (mm)	14,5	18,5
D (mm)	8	10,8
E (mm)	7	10,7
For Chain (mm)	6 & 8	10 & 12
Breaking Load (Kg)	2000	6000



Anchor Chain Connection, Inox 316

Code	98076	98077	74637
L (mm)	90	115	140
A (mm)	10	14	16
B (mm)	15	18	28
D (mm)	7	10,5	12,5
D1 (mm)	9	10,5	16
For Chain (mm)	6-8	10-12	14-16
Breaking Load (Kg)	2000	4500	7500

Rocna Anchor

Available only in Croatia

The Rocna is a true multi-purpose anchor that sets and holds in most seabeds, from soft mud to hard sand, clay, grass, and kelp. The roll-bar ensures that the anchor always arrives at the ideal angle for penetration. A Rocna remains stable and buried, and does not roll out on reversal or veering of load, or if dragged beyond yield, providing enhanced security.



Code	Description
45996	Rocna anchor stainless steel, 4kg
*	Rocna anchor stainless steel, 6kg
*	Rocna anchor stainless steel, 10kg
*	Rocna anchor stainless steel, 15kg
42502	Rocna anchor stainless steel, 20kg
*	Rocna anchor stainless steel, 25kg
*	Rocna anchor stainless steel, 33kg
42606	Rocna anchor stainless steel, 40kg
42479	Rocna anchor stainless steel, 55kg
*	Rocna anchor stainless steel, 70kg
*	Rocna anchor stainless steel, 110kg
*	Rocna anchor stainless steel, 150kg
*	Rocna anchor stainless steel, 200kg
*	Rocna anchor stainless steel, 275kg



Code	Description
42371	Rocna anchor galvanized, 4kg
42372	Rocna anchor galvanized, 6kg
42373	Rocna anchor galvanized, 10kg
42374	Rocna anchor galvanized, 15kg
42375	Rocna anchor galvanized, 20kg
42376	Rocna anchor galvanized, 25kg
42377	Rocna anchor galvanized, 33kg
42378	Rocna anchor galvanized, 40kg
42379	Rocna anchor galvanized, 55kg
42380	Rocna anchor galvanized, 70kg
*	Rocna anchor galvanized, 110kg
*	Rocna anchor galvanized, 150kg
*	Rocna anchor galvanized, 200kg
*	Rocna anchor galvanized, 275kg

Vulcan Anchor

Vulcan anchor features a unique combination of shank and fluke geometry – including an innovative roll-palm at the rear of the fluke – which self-rights the anchor on the seabed without the use of a roll-bar. This is assisted by the V-bulb which extends fluke ballast downward to gain maximum leverage and efficiency.



Code	Description
*	Vulcan anchor stainless steel, 4kg
*	Vulcan anchor stainless steel, 6kg
*	Vulcan anchor stainless steel, 9kg
*	Vulcan anchor stainless steel, 12kg
*	Vulcan anchor stainless steel, 15kg
*	Vulcan anchor stainless steel, 20kg
*	Vulcan anchor stainless steel, 25kg
*	Vulcan anchor stainless steel, 33kg
*	Vulcan anchor stainless steel, 40kg
*	Vulcan anchor stainless steel, 55kg



Code	Description
*	Vulcan anchor galvanized, 4kg
*	Vulcan anchor galvanized, 6kg
*	Vulcan anchor galvanized, 9kg
42500	Vulcan anchor galvanized, 12kg
*	Vulcan anchor galvanized, 15kg
42481	Vulcan anchor galvanized, 20kg
42477	Vulcan anchor galvanized, 25kg
*	Vulcan anchor galvanized, 33kg
*	Vulcan anchor galvanized, 40kg
*	Vulcan anchor galvanized, 55kg

*Available upon request

Anchors & Accessories



Bow Roller with Gimbaling End, Inox 304

Code	90722
Length (mm)	330
Width (mm)	70
For Anchor (Kg)	10



Universal Bow Roller, Inox 304

Code	97998	97999
Length (mm)	200	250
Width (mm)	50	
For Anchor (Kg)	7,5	10



Roller for Anchor Chute 99638, Black

Code	11907
Length (mm)	42
Roller Diam. (mm)	64



Anchor Chute, Inox 304

Code	99638
Length (mm)	165
Width (mm)	50
Diam. (mm)	64



Bow Roller with Anchor Block, Inox 316

Code	70612
Length (mm)	240
Width (mm)	100
For chain (mm)	6-8
For anchor (kg)	up to 10



Hinged Bow Roller, Inox 316

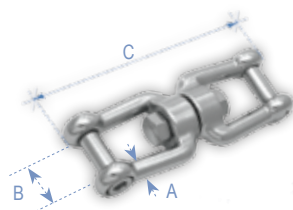
Code	70634
Length (mm)	328
Height (mm)	236
Thick (mm)	70
For chain (mm)	6-8-10
For anchor (kg)	up to 14



Roller for Chain or Anchor Line

Code	95893	95894	73653
Roller Diameter (mm)	54	54	70
Length (mm)	48	62	62

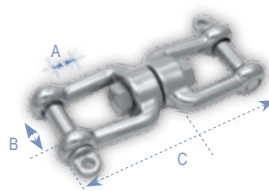
Swivels & Thimbles



Jaw & Jaw Swivel with Internal Hexagonal Pin, Inox 316

*Surface : E.P., Body: Casting, Pin: Casting

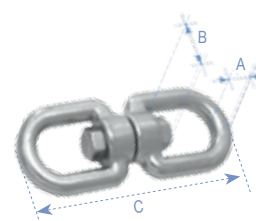
Code	91253	91254	91255	91256
Size (mm)	6	8	10	13
A (mm)	6	8	10	13
B (mm)	13,5	17	21,3	28
C (mm)	64,8	88,6	110,4	156
Working load (kg)	320	500	720	1,200



Jaw & Jaw Swivel, Inox 316

*Surface : E.P., Body: Casting, Pin: Forging

Code	91286	91287	91288	91289
Size (mm)	6	8	10	13
A (mm)	6	8	10	13
B (mm)	13	16	22	26
C (mm)	64	88	115	155
Working load (kg)	272,16	498,96	698,54	1197,5



Eye & Eye Swivel, Inox 316

*Surface : E.P., Body: Casting

Code	91232	91233	91234	91235
Size (mm)	5	6	8	10
A (mm)	5	6	8	10
B (mm)	13,6	15,6	20,4	24
C (mm)	56,7	63,6	91,3	118
Working load (kg)	160	320	500	875



Double Anchor Swivel, Inox 316, for Chain

Made of Inox 316, it features high strength and corrosion resistance. It connects the anchor chain with the anchor itself. When the anchor is being lifted, it automatically turns it to the correct side and reeves into the roller. Available options for chain of Ø6-8 mm and Ø10-12 mm.

Code	74372	74373
For Chain ø (mm)	6-8	10-12



Galvanized

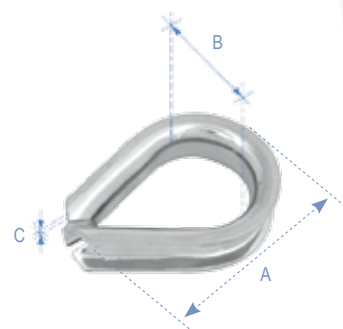
Code	99378	99379	99380	99381	99382	99383	99384	99385	99386	99387	99388	99389	99390	99391
Size (mm)	2	3	4	5	6	8	10	12	14	16	18	20	22	25
A (mm)	25	28,5	33	36,5	40	51	57,5	66,5	72	82	92	104	115	125
B (mm)	10	12,5	13	16,5	17	22,5	25,3	31	34,5	37,5	40	45	50,5	54
C (mm)	0,8	1	1,2		1,5		2		2,5		3		4	
For wire (mm)	2	3	4	5	6	8	10	12	14	16	18	20	22	25

Inox 316

Code	90443	91163	91164	91165	91166	91167	91168	91169	91170	91171	91172	91173	91174	91175
Size (mm)	2	3	4	5	6	8	10	12	14	16	18	20	22	25
A(mm)	25	28,5	33	36,5	40	51	58,5	68	74	83	92	104	115	125
B(mm)	10	12,5	13	15,5	17	22,5	26	31	34	37,5	40	45	50,5	54
C(mm)	0,8	1	1,2		1,5		2		2,5		3		4	
For wire (mm)	2	3	4	5	6	8	10	12	14	16	18	20	22	25

Surface E.P.= Electro polished, Body: Forging

Thimbles



Anchoring, Docking & Mooring



Code	rope Ø (mm)	Material	Code	rope Ø (mm)	Material
16946	3	Nylon PA	44602	12	Nylon PA
44592	4		29372	14	
44594	5		44605	16	
44596	6		44607	18	
24134	7		44609	20	
44598	8		44611	22	
44600	10		44613	24	



Thimbles

Mooring Ropes & Accessories

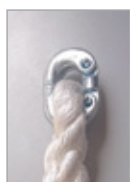
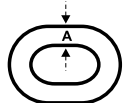
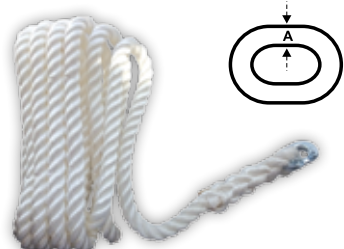
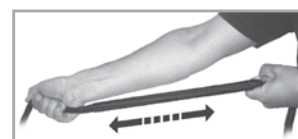
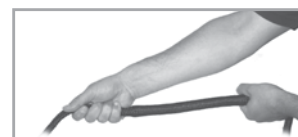


Pre-cut

Shock Absorbing Mooring Line

LALIZAS Polyester Mooring Lines are integrated with industrial rubber filaments which permit high elasticity in absorbing shocks from waves. Shock Lines are highly suitable for docking and anchor lines. Shock-Line Ropes have a loop at one end and all of them are provided in high quality practical packaging.

Code	Diameter (mm)	Length (m)	Breaking Load (Kg)	Elongation (mm)	Boat Length (m)
90347	12	8	2300	200	5-10
90348	15	8	3200	250	10-15
90349	18	8	4000	300	15-20



Rope for Chain Rode Use, 3-Strand, with Connection, Nylon, White

Code	72319	72320	72321	72322	72323	72324
Rope Diameter (mm)		12		14		16
Length (m)	30	60	90	30	60	60
Ring Diameter - A (mm)		6		8		10
Breaking load (kg)		2300		2940		3640



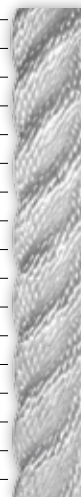
Mooring Rope, 3-Strand, Double-twisted, Black



Code	Diameter (mm)	Length (m)	Strength (Kg)
90854	8	200	640
90855	10		1.230
90856	12		1.360
90857	14		2.010
90858	16	100	2.430
90859	18		3.150
90860	20		3.830
90861	22		4.610
90862	24		5.520

Mooring Rope, 3-Strand, Double-twisted, White

Code	Diameter (mm)	Length (m)	Strength (Kg)
90844	8	200	570
90845	10		1.110
90846	12		1.220
90847	14		1.810
90848	16	100	2.190
90849	18		2.830
90850	20		3.450
90851	22		4.150
90852	24		4.970
92350	26		5.510
92352	28		6.430
92354	30		7.440
71742	32		8.430
71743	34		9.360
71744	36		10.290
71745	38		10.840
71746	40		11.390



Mooring Rope, 16-Strand, Double-braided, Polyester, Black



Code	Diameter (mm)	Length (m)	Breaking Load (kg)
90828	8	200	1600
90829	10	200	1940
90830	12	200	2650
90831	14	200	3465
90832	16	170	4380
90833	18	140	5220
71029	20	100	5500
71030	22	100	5985
71031	24	100	7254

Mooring Rope, 16-Strand, Double-braided, Polyester, Navy Blue



Code	Diameter (mm)	Length (m)	Strength (Kg)
71162	12	200	2000
71163	14	200	3000
71164	16	170	4000
71165	18	140	4500
71166	20	100	5000
71167	22	100	7500
71168	26	100	8500



Rope Aqua-Multi Polypropylene (floating), Yellow

The new mooring rope Aqua-Multi is floating and very easy-to-use, essential for safe docking. Made of high-quality polypropylene, it is durable, having an elongation at break of 20-25 %. It is 12-strand and single braided, with high strength and elasticity as well as very good abrasion resistance. Aqua-Multi is available in yellow colour and various dimensions, from 10 to 22 mm.

Code	Diameter (mm)	Breaking Load (kg)
74293	14	3.35Ton / 32.8635KN
74294	18	5.5Ton / 53.955KN
74295	22	7.9Ton / 77.499KN
98286	10	1.65Ton / 16.1865KN



Mooring Webbing Belt, with Inox Stern Roller

Code	Diameter (mm)	Length (m)	Breaking Load (t)
73643	25	50	2
73644	35	50	4
73645	50	70	4



Mouse Stopper for Mooring Rope, Set of 2 Pieces

Designed to easily prevent any kind of visit by unwanted guests. It is proven to be very effective, stopping rats from using the docking lines in order to enter your boat.

Code | 198114

- Made of durable PP that is UV and sea water resistant
- Easy to use in mooring ropes from Ø15mm up to Ø35mm without any modification
- Stays stable in rope
- Diameter 312mm
- Weight 0,25kg



Mooring Springs



MILLA Mooring Rubber Compensator

Code	44264	44265	44266
For boat (m)	4.5	7	10
For line Ø (mm)	16	20	20
Length (mm)	220	270	330
Width (mm)	40	45	50
Thickness (mm)	33	33	36



Mooring Spring, Inox 304

Code	70621	70622
Length (mm)	460	460
Diameter (mm)	88	90
Breaking load (Kg)	220	420
For Boats up to aprox. (m)	10	12
Max. Boat weight (ton.)	6	8

Material: EPDM rubber



Mooring Compensator

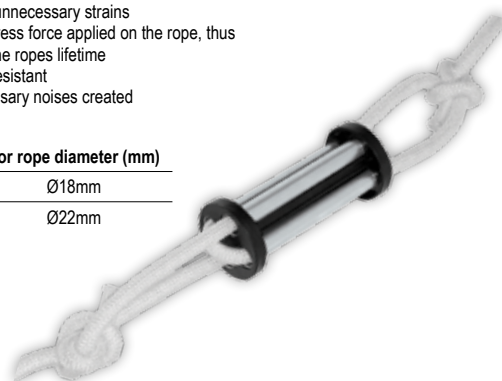
Mooring Compensator is an unbreakable, durable and silent shore line damper. Reduces uncomfortable motions when the boat is moored.

Material: EPDM rubber + Inox AISI-316 + PE-HD



- Highly efficient shock absorber
- Eliminates unnecessary strains
- Reduces stress force applied on the rope, thus extending the ropes lifetime
- Corrosion resistant
- No unnecessary noises created

Code	For rope diameter (mm)
72698	Ø18mm
72699	Ø22mm

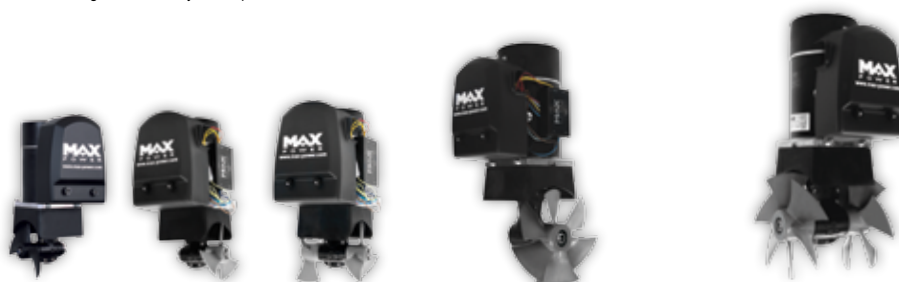


ELECTRIC TUNNEL THRUSTERS

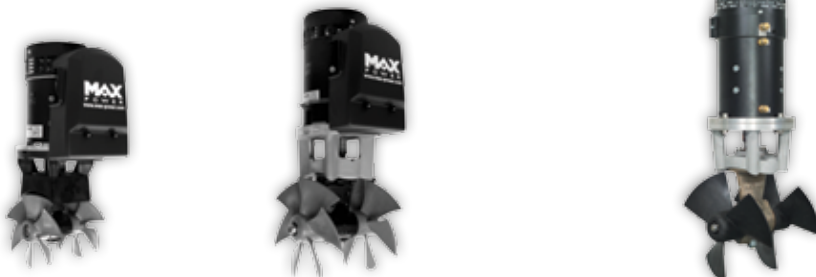
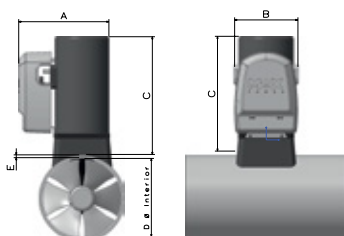


MAX POWER offers a complete range of 12/24V composite electric tunnel thrusters to suit motor yachts and deep footed sailing yachts from 17'-85'. Designed for maximum performance and durability, each model is easy to fit, highly cost effective, and integrates a variety of unique features.

- Patented composite drive legs
- Zero maintenance
- Case hardened spiro-conical gears
- Line shields
- Purpose-built DC motors
- Electronic control boxes for unrivaled safety features
- Safe, high-power connections
- Purpose-built DC contactors with high specifications



Code	636061	42529	317603	42530	42531	42532	42533
Model	CT 25	CT 35	CT 45	CT 60		CT 80	
Voltage	12V	12 V	12 V	12 V	24 V	12 V	24 V
Max. Thrust (kgf/lbs)*	30 / 66	35 / 77	45 / 99	70 / 154	71 / 158,4	80 / 176	89 / 195,8
Propellers	Mono	Mono	Duo	Mono		Duo	
Drive Leg (material)	Composite	Composite	Composite	Composite		Composite	
Power (kw/hp)	1.8 / 2.4	2.69 / 3.6	3.23 / 4.3	4.35 / 5.8	4.4 / 5.9	4.79 / 6.4	5.28 / 7.1
Weight (kg)	7	9.6	9.65	14.7	14.8	15	15.1
A (mm)	180	190	190	210		210	
B (mm)	145	140	140	140		140	
C (mm)	225	210	210	275		275	
D (mm)	110	125	125	185		185	
E (mm)	4 to 5	4 to 5	4 to 5	6 to 7		6 to 7	
Boat Type				Boat Length (feet/metre)			
Heavy Displacement, High Windage & Cruising	μέχρι 21' / 6,5 m	17' - 25' / 5,2 - 7,6 m	20' - 28' / 6 - 8,5 m	25' - 32,5' / 7,8 - 10 m		28' - 35' / 6 - 10,6 m	
Medium Displacement, Medium Windage & Fast Cruising	μέχρι 24' / 7,3 m	20' - 28' / 6 - 8,5 m	22,5' - 31' / 6,8 - 9,5 m	26' - 36' / 7,3 - 11 m		30' - 40' / 9 - 12 m	
Light Displacement, Light Windage & Super Fast Cruising	μέχρι 26' / 7,3 m	21' - 31' / 6,4 - 9,5 m	24' - 34' / 7,3 - 10,3 m	27' - 39' / 8,2 - 11,8 m		33' - 46' / 10 - 14m	



Code	42534	42535	636660	317557	317558	317586	317606	636656	42542	634361	636657
Model	CT 100	CT 125		CT 165	CT 225		CT 300		CT 325		
Voltage	12 V	24 V	48 V	24V	24V		24V	48V	24V		48V
Max. Thrust (kgf/lbs)*	105 / 231	122 / 268,4		185 / 407	250 / 550		300 / 660	275 / 606	325 / 715		300 / 660
Propellers	Duo	Duo		Duo	Duo		Duo		Duo		
Drive Leg (material)	Composite	Composite		Composite	Composite	Bronze	Bronze		Bronze	Aluminium	Bronze
Power (kw/hp)	7.1 / 9.5	8.58 / 11.5		11.88 / 15.9	14.96 / 20		19.7 / 26.4	17.5 / 23.8	19.69 / 26.4		17.5 / 23.8
Weight (kg)	24	24	24,3	36	37		58.5	64	59		64,5
A (mm)	250	250		250	270		250		250		
B (mm)	200	200		200	200		250		250		
C (mm)	356	365		430	405		478		478		
D (mm)	185	185		250	250		300		315		
E (mm)	6 to 7	6 to 7		7 to 8	7 to 8		9 to 10		9 to 10		
Boat Type		Boat Length (feet/metre)									
Heavy Displacement, High Windage & Cruising	32' - 10' / 9,7 - 12 m	35' - 46' / 10,6 - 14 m		40' - 52' / 12 - 15,8 m	45' - 58' / 13,7 - 17,6 m		48' - 63' / 14,6 - 19 m		51' - 69' / 15,5 - 21 m		
Medium Displacement, Medium Windage & Fast Cruising	36' - 48' / 11 - 14,6 m	42' - 55,5' / 12,8 - 17 m		48' - 61' / 14,6 - 18,5 m	53' - 69' / 16 - 21 m		59' - 79' / 18 - 24 m		62' - 87' / 19 - 26,5 m		
Light Displacement, Light Windage & Super Fast Cruising	39' - 51' / 11,8 - 15,5 m	46' - 60' / 14 - 18 m		54' - 65' / 14,5 - 20 m	60' - 75' / 18 - 22,8 m		67' - 93' / 20,4 - 28 m		68' - 100' / 20,7 - 30,5 m		

* Thrusters are designed to run at 10.75V on 12V units, 22V on 24V units and 45.6V on 48V units.
Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.



new

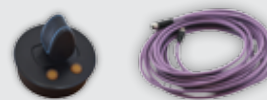
ECO PROPORTIONAL



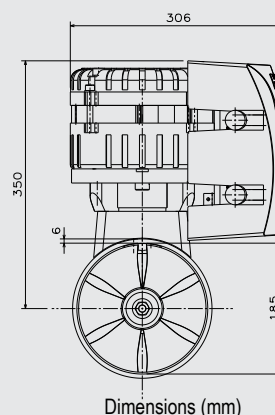
- Eco friendly
- Fully proportional control
- Unlimited runtime (until the battery runs out)
- Compact and lightweight
- Improved performance and efficiency
- Longer lifespan and minimised maintenance
- Smoother and quieter operation, enhancing safety and comfort of crew and passengers
- Eco-friendliness resulting from reduced power consumption
- Compatibility and easy integration into existing thrusters
- Remote troubleshooting with modern mobile application for monitoring

Included:

- Proportional joystick for precise accuracy
- 10m of CAN cable
- Instructions for the mobile application (android only)



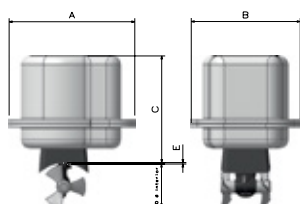
Code	636674	636675	636676
Model	ECO-PRO 90	ECO-PRO 110	ECO-PRO 130
Voltage (V)	24	24	48
Thrust (Kg)	90	110	130
Propellers	Duo	Duo	Duo
Power (KW/hp)	5,3/7,1	6/8	8/10,7
Drive Leg (material)	Composite	Composite	Composite
Tunnel Ø (mm)	185	185	185
Boat type	Boat Length (Feet/Metres)		
Heavy Displacement High Windage & Cruising	28'-35' / 6-10,6m	32'-40' / 9,7-12m	35'-46' / 10,6-14m
Medium Displacement Medium Windage & Fast Cruising	30'-40' / 9-12m	36'-48' / 11-14,6m	42'-55,5' / 12,8-17m
Light Displacement Light Windage & Super Fast Cruising	33'-46' / 10-14m	39'-51' / 11,8-15,5m	46'-60' / 14-18m



IGNITION PROTECTED THRUSTERS

MAX POWER range of ignition protected tunnel thrusters is available for models CT35 to CT125. Certified according to ISO 8846, this range allows the safe use of an electric tunnel thruster in yachts with petrol/gas engine where there may be potentially flammable gases. IP thrusters can also be installed in habitually wet or damp areas such as sail lockers, or in the transom of deep "V" shaped motor yachts.

- Ignition protected to ISO 8846 and water-resistant
- Patented composite drive leg
- Electronic control boxes for unrivaled safety features
- Easy-to-connect thruster
- Zero maintenance
- Safe, high-power connections
- Purpose-built DC motors



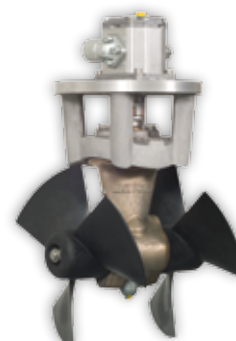
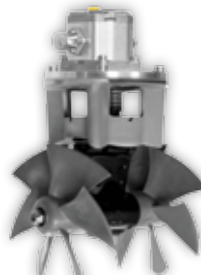
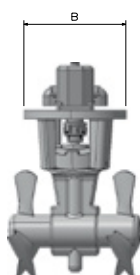
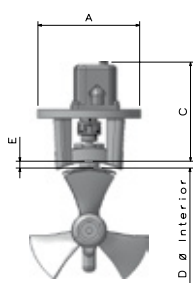
Code	317609	317610	317615	317616
Model	CT 35-IP	CT 45-IP	CT 100-IP	CT 125-IP
Voltage	12V	12V	12V	24V
Max. Thrust (kgf/lbs)*	35 / 77	45 / 99	105 / 231	122 / 268,4
Propellers	Mono	Duo	Duo	Duo
Power (kw/hp)	2,69 / 3,6	3,23 / 4,3	7,1 / 9,5	8,58 / 11,5
Weight (kg)	11,6	11,65	27,2	27,2
A (mm)	301		390	
B (mm)	230		305	
C (mm)	295		490	
D (mm)	125		185	
E (mm)	4 to 5		6 to 7	
Boat Type	Boat Length (feet/metre)			
Heavy Displacement, High Windage & Cruising	17' - 25' / 5,2 - 7,6 m	20' - 28' / 6 - 8,5 m	32' - 10' / 9,7 - 12 m	35' - 46' / 10,6 - 14 m
Medium Displacement, Medium Windage & Fast Cruising	20' - 28' / 6 - 8,5 m	22,5' - 31' / 6,8 - 9,5 m	36' - 48' / 11 - 14,6 m	42' - 55,5' / 12,8 - 17 m
Light Displacement, Light Windage & Super Fast Cruising	21' - 31' / 6,4 - 9,5 m	24' - 34' / 7,3 - 10,3 m	39' - 51' / 11,8 - 15,5 m	46' - 60' / 14 - 18 m

* Thrusters are designed to run at 10.75V on 12V units, 22V on 24V units and 45,6V on 48V units.
Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.

HYDRAULIC TUNNEL THRUSTERS

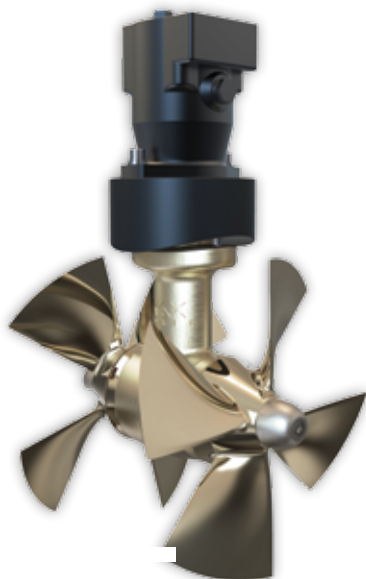
MAX POWER range of hydraulic tunnel thrusters is suitable for medium to heavy displacement and high windage yachts from 40'-85'. Designed for durability and performance, the hydraulic tunnel thrusters are ideal when long runtimes are required. Manufactured with corrosion-resistant components, these models are robust and water-resistant with a variety of unique features.

- Branded hydraulic components
- Water-resistant
- Zero maintenance
- Long runtimes
- Patented composite drive legs
- Electronic control boxes for unrivaled safety features

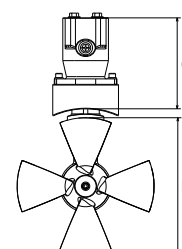
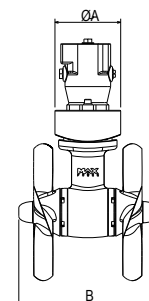


Code	317588	317590	317589	317591	317607	317598	317599
Model	CT 125 HYD			CT 225 HYD	CT 300 HYD	CT 325 HYD	
Max Thrust (kgf/lbs)	140 / 308	120 / 264	90 / 198	220 / 441	300 / 529	275 / 551	325 / 606
Hydraulic power (kw)	13,5	11	7,5	13,5	19,5	14	20
Propellers	Duo	Duo	Duo	Duo	Duo	Duo	Duo
Weight (kg)	12	12	12	19	24	24	24
A (mm)	210			220	240	240	
B (mm)	210			220	240	240	
C (mm)	215			220	240	240	
D (mm)	185			250	300	315	
E (mm)	6 to 7			7 to 8	9 to 10	9 to 10	
Boat Type	Boat Length (feet/metre)						
Heavy Displacement, High Windage & Cruising	35' - 46' / 10,6 - 14 m			45' - 58' / 13,7 - 17,6 m	48' - 63' / 14,6 - 19 m	51' - 69' / 15,5 - 21 m	
Medium Displacement, Medium Windage & Fast Cruising	42' - 55,5' / 12,8 - 17 m			53' - 69' / 16 - 21 m	59' - 79' / 18 - 24 m	62' - 87' / 19 - 26,5 m	
Light Displacement, Light Windage & Super Fast Cruising	46' - 60' / 14 - 18 m			60' - 75' / 18 - 22,8 m	67' - 93' / 20,4 - 28 m	68' - 100' / 20,7 - 30,5 m	

CT 550 HYD & CT 1000 HYD are the flagships of MAX POWER tunnel thrusters for boats up to 55 m. All immersed parts have a specially designed hydrodynamic profile to avoid any turbulence. The most powerful tunnel thrusters in the D400 tunnel category come with 4 blade metallic propellers designed by MAX POWER, to guarantee maximum thrust performance. Counter rotating system offers higher efficiency on thrusting with left side and right side pitch propellers in order to have identical performance in both directions.



Code	636211	636428
Model	CT 550 HYD	CT 1000 HYD
Thruster Power (kw)	min 42 - max 50	min 70 - max 85
Motor Power (cc/kw)	40	80,4
Tunnel Diameter (mm)	400	500
Required Pressure (bar):	min 210 - max 250	
Required Flow (lt/min)	120	200
Propellers	4 Blade, DUO, Counter Rotating	
Weight (kg)	65	145
Light-duty Thrust (Kgf)	630	1200
Heavy-duty Thrust (Kgf)	550	1000
A (mm)	180	251
B (mm)	378	640
C (mm)	249	322
D (mm)	375	488
Boat Type	Boat Length (feet/metre)	
Heavy Displacement, High Windage & Cruising	63 - 105' / 19 - 35 m	100 - 150' / 30 - 45 m
Medium Displacement, Medium Windage & Fast Cruising	71 - 125' / 20 - 37,5 m	105 - 156' / 32 - 47,5 m
Light Displacement, Light Windage & Super Fast Cruising	80 - 140' / 25 - 42 m	115 - 170' / 35 - 52 m

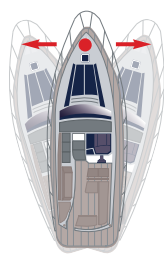




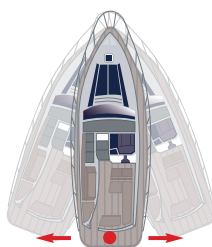
STERN POD THRUSTER

MAX POWER Stern Pod Thrusters offer an innovative solution to the often difficult tasks of installing a thruster into the stern of modern motor yachts.

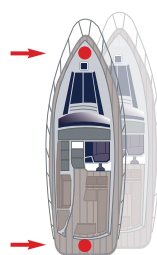
- Combining a dry area on the stern with correct immersion depth and sufficient access can be challenging.
- Designed with these constraints in mind, stern pod units can be installed entirely from the outside of the transom, reducing greatly the need for inside access. This allows greater immersion depth to be achieved.
- The stern pod housing is waterproof and ignition protected (ISO 8846) designed to withstand the corrosive damp atmosphere of the bilge.
- Entirely assembled and tested in our factory, stern pod units guarantee long term trouble-free operation with only minimal maintenance care.



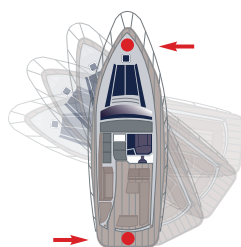
Bow thruster alone



Stern thruster alone



Bow & Stern thrusters



Bow & Stern thrusters



Dual propeller

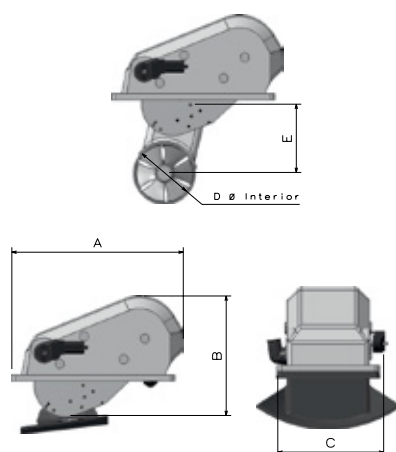
Anchoring, Docking & Mooring

Code	317625	317628	317629	317630	317631	317632	317633
Model	CT45	CT80		CT100	CT125	CT165	CT225
Boat size	6m - 10.5m 20 - 34'	8.5m - 14m 28 - 46'		9.8m - 15.5m 32 - 51'	10.5m - 18m 34 - 59'	12m - 20m 40 - 66'	14m - 22m 46 - 73'
Voltage	12 V	12 V	24 V	12 V	24 V	24 V	24 V
Thrust up to	45 kg	69 kg	75 kg	96 kg	115 kg	160 kg	195 kg
Power	3.2 kW / 4.3 hp	4.8 kW / 6.4 hp	5.3 kW / 7.1 hp	7.1 kW / 9.5 hp	8.6 kW / 11.5 hp	11.9 kW / 15.9 hp	15 kW / 20 hp
Weight	21 kg	31 kg	31 kg	41 kg	41 kg	61 kg	61 kg

ELECTRIC RETRACTABLE THRUSTERS

Designed for yachts from 9 to 16 metres (30'-52'). This lightweight electric retractable thruster, the first of its kind, has been a major success with shipyards from the very beginning.

- Lightweight composite construction
- Lowest profile and smallest hull opening on market
- Bolted onto flange, not directly laminated into the hull
- Rapid deployment
- No exposed moving parts inside the yacht
- Does not splash inside the yacht
- Intelligent position detection



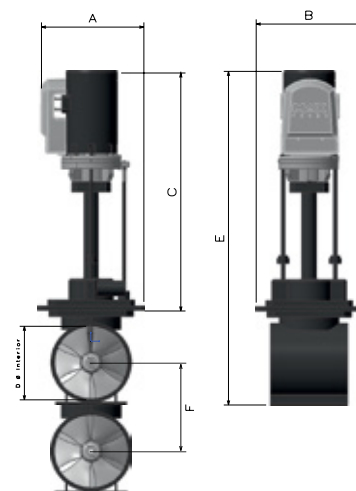
Code	317821	317822
Model	COMPACT RETRACT™	
Voltage	12 V	24 V
Max. Thrust (kg/lbs)	70 / 154	85 / 187
Propellers	Duo	Duo
Power (kw/hp)	4.79 / 6.4	5.28 / 7.1
Weight (kg)	40	40
A (mm)	555	250
B (mm)	388	200
C (mm)	385	365
D (mm)	185	185
E (mm)	241	6 to 7
Boat Type	Boat Length (feet/metre)	
Heavy Displacement, High Windage & Cruising	21' - 40' / 9 - 12 m	35' - 46' / 10,6 - 14 m
Medium Displacement, Medium Windage & Fast Cruising	35' - 44' / 10,5 - 13 m	39' - 50' / 11,5 - 15 m
Light Displacement, Light Windage & Super Fast Cruising	36' - 47' / 11 - 14 m	40' - 51' / 12 - 15,5 m



ELECTRIC RETRACTABLE THRUSTERS

These vertically retracting VIP thrusters use a unique and patented thrust plate design. The largest electric thruster in the MAX POWER range, the VIP 150, is available in both 12V and 24V and is ideally suited to high-performance sailing yachts and super fast motor yachts 40'-60'.

Code	35023	35024	636661	35043	636046
Model	VIP 150 ELECTRIC			VIP 250 ELECTRIC	
Voltage	12 V	24 V	48 V	24 V	
Max. Thrust (kgf/lbs)	96 / 212	115 / 254	122 / 268,4	145 / 319	250 / 550
Propellers	Duo	Duo	Duo	Duo	Duo
Power (kw/hp)	7,1 / 9,5	8.56 / 11.5	8.56 / 11.5	9,5 / 12.74	15 / 20
Weight (kg)	40	40	40,3	54	65
A (mm)	330			360	
B (mm)	290			360	
C (mm)	710			765	
D (mm)	185			250	
E (mm)	970			1075	
E (mm)	240			295	
Boat Type	Boat Length (feet/metre)				
Heavy Displacement, High Windage & Cruising	21' - 40' / 9 - 12 m			35' - 45' / 10,5 - 13,5 m	
Medium Displacement, Medium Windage & Fast Cruising	35' - 44' / 10,5 - 13 m			39' - 50' / 11,5 - 15 m	
Light Displacement, Light Windage & Super Fast Cruising	36' - 47' / 11 - 14 m			40' - 51' / 12 - 15,5 m	

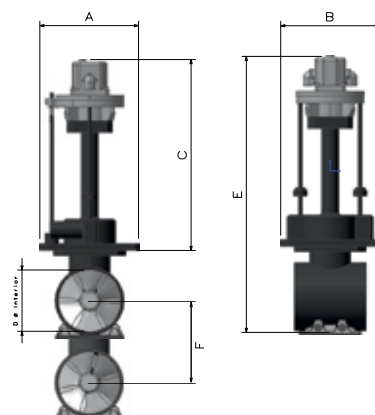


HYDRAULIC RETRACTABLE THRUSTERS

When performance is paramount, hydraulic retractable thrusters provide a perfect solution. Lightweight, powerful and allowing near perfect weight distribution, designers and prestigious yards have consistently trusted MAX POWER thrusters over the years. MAX POWER offers two product ranges in this family: the vertically retractable VIP HYD range and the top end Retract™ foldable series.

Code	317702	317703	317705
Model	VIP 150 HYD		VIP 250 HYD
Voltage	12V control	24 V control	24 V control
Max. Thrust (kgf/lbs)	120 / 264		200 / 441
Propellers	Duo		Duo
Hydraulic Power (kw)	10		13,5
Weight (kg)	28		37
A (mm)	290		360
B (mm)	290		360
C (mm)	580		620
D (mm)	185		250
E (mm)	810		950
F (mm)	240		295
Boat Type	Boat Length (feet/metre)		
Heavy Displacement, High Windage & Cruising	40' - 50' / 12 - 15 m		50' - 65' / 15 - 20 m
Medium Displacement, Medium Windage & Fast Cruising	45' - 55' / 14 - 17 m		54' - 75' / 16,5 - 23 m
Light Displacement, Light Windage & Super Fast Cruising	48' - 60' / 14,5 - 18 m		57' - 80' / 17 - 24 m

- Retract to leave smooth hull lines
- When deployed, ideal immersion depth is achieved
- Water-resistant
- Allow ideal weight distribution
- Ideal for high performance yachts
- Unique patented thrust plate design (VIP)
- Unique patented folding movement (Retract™)
- Case hardened spiro-conical gears
- Lightweight design





HYDRAULIC RETRACTABLE THRUSTERS

R 200/6 - R 200/8

Benefiting from a control system redesign, R 200 is the smallest model in the MAX POWER Retractable™ range. Designed for top end production boats, this hydraulic retractable thruster has long been installed in prestigious yachts ranging from 45' - 68'.



Code	317803	317804	317810	317811
Model	R 200/6	R 200/8	R 300/15	R 300/21
Power Ratings (hp)	10 / 17		20 / 34	
Thrust	10 kgf per kw		11 kgf per kw	
Max. Hydraulic power (kw)	13		25	
Hydraulic Power	20 lpm / 200-230 bar	30 lpm / 220-250 bar	28-35 lpm / 220-260 bar	45-55 lpm / 230-270 bar
Power Pack Options	PTO & 24V		PTO & 24V	
Hydraulic Motor	Piston		Piston	
Opening/closing Mechanism	Electric & Manual		Hydraulic & Gas Spring	
Propellers	Duo, 2 blades		Duo, 3 blades	
Weight (kg)	35		73	
A (mm)	500		665	
B (mm)	355		500	
C (mm)	320		450	
D (mm)	200		300	
E (mm)	255		360	
Boat Type		Boat Length (feet/metre)		
Heavy Displacement, High Windage & Cruising	45' - 56' / 14 - 17 m		60' - 85' / 18 - 26 m	
Medium Displacement, Medium Windage & Fast Cruising	49' - 61' / 15 - 18,5 m		77' - 95' / 23,5 - 29 m	
Light Displacement, Light Windage & Super Fast Cruising	53' - 69' / 16 - 21 m		75' - 104' / 23 - 32 m	

R450/34 - R450/40 - R450/50

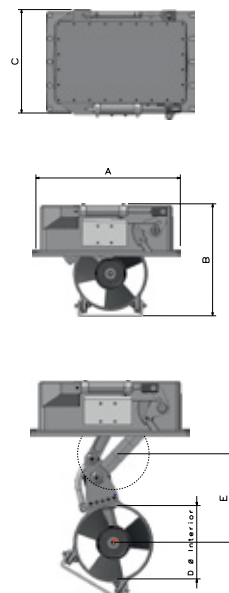
Light & robust this thruster unit has been designed specifically for performance yachts, both sail & motor from 80'-136'. With positive locking and a unique gas spring lifting system, the R450 can withstand the pounding that offshore performance boats endure.



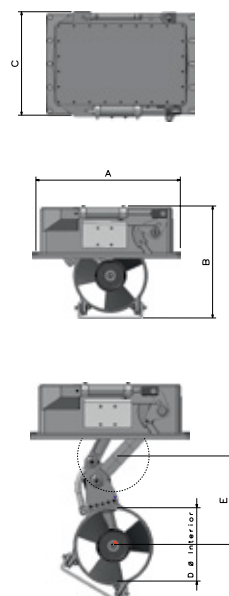
Code	317813	317814	317912	317819
Model	R 450/34	R 450/40	R 450/50	R 600
Power Ratings (hp)	50 / 65 / 80			75 / 110
Thrust	11 kgf per kw			11 kgf per kw
Max. Hydraulic power (kw)	60			85
Hydraulic Power	Upon Request			Upon Request
Power Pack Options	PTO			PTO
Hydraulic Motor	Piston			Piston
Opening/closing Mechanism	Hydraulic & Gas Spring			Twin Hydraulic
Propellers	Duo, 5 blades			Mono, 4 blades
Weight (kg)	165			320
A (mm)	940			1210
B (mm)	748			967
C (mm)	460			985
D (mm)	450			600
E (mm)	540			772
Boat Type		Boat Length (feet/metre)		
Heavy Displacement, High Windage & Cruising	80' - 110' / 24 - 33,5 m		100' - 140' / 30,5 - 43 m	
Medium Displacement, Medium Windage & Fast Cruising	90' - 125' / 27,5 - 38 m		110' - 150' / 33,5 - 46 m	
Light Displacement, Light Windage & Super Fast Cruising	100' - 138' / 30,5 - 42 m		125' - 165' / 38 - 50 m	

R 300/15 - R 300/21

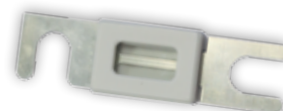
R 300 benefits from evolutions already pioneered on the R 450. Both light & powerful this unit has been consistently trusted by designers around the world for many years and is ideal for yachts from 60'-104'.

**R600**

An ingenious design makes this thruster the lightest and arguably the safest 100HP retractable thruster available. With a locking system inspired by aircraft cargo doors, and thrust transfer pads to transmit load to the hull, performance is first and foremost with this unit ideal for yachts from 100'-167'.



ANL FUSE & ANL FUSE HOLDER



Thruster model	CT25	CT35 / CT45	CT60 / CT80 C. Retract	CT60 / CT80 / C. Retract	CT100 / VIP150	CT125 / VIP150	CT165	CT225
Voltage	12 V	12 V	12 V	24 V	12 V	24 V	24 V	24 V
Amp	150 A	175 A	225 A	175 A	400 A	225 A	325 A	400 A
Fuse	636342	636343	636344	636343	636346	636344	636345	636346
Fuse holder	636347							

CONTROL PANELS & REMOTE CONTROL

Waterproof Rating IP 67

All control panels are specially designed for use with the complete range of MAX POWER tunnel and retractable thrusters. Fitted using a simple hole saw cut-out, panels are easy to install and benefit from a simple and easily replaceable weatherproof clip-on cover. Each panel is complete with both male and female connectors using a reusable connection system.

- Available in black or grey colour
- Water-resistant
- Easy to fit
- Replaceable clip-on cover
- Safety features



Model	Touch panel		Joystick Simple		Joystick Double	
Code	318200	318201	318202	318203	318204	318205
Color	Black	Grey	Black	Grey	Black	Grey
Compatible with	All tunnel thrusters		All tunnel thrusters		All tunnel thrusters	
Dimension	65 x 65 mm		65 x 65 mm		65 x 117 mm	



Model	Touch Panel Double	Joystick		Joystick Simple	Control Panel Boat
Code	318233	318206	318224	318226	318234
Color	Black	Black	Grey	Black	Black
Compatible with	All retractable thrusters, in combination with 318204 - 318205 - 318234	Compact Retract all VIP & R200		R300 & R450	Combined use of a bow and stern thruster
Dimension	65 x 117 mm	65 x 117 mm		65 x 117 mm	65 x 117 mm



Proportional Electronic System Kit for Tunnel Thrusters

Compatible with:
Electric tunnel thrusters

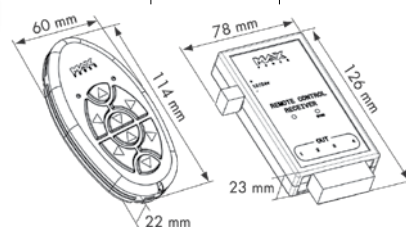
Code | 72632

Included:
1 Electronic Controller, CT Thrusters, 24V
2 High Power Unit, CT Thrusters, 24V, 900A
3 Joystick, CT Thrusters, 5V



Radio Remote Control

Code	312973	312974	312971	312972	312969	312970
Frequency	868 MHz	915 MHz	868 MHz	915 MHz	868 MHz	915 MHz
Description	Transmitter + Receiver (EU)	Transmitter + Receiver (USA)	Additional receiver (EU)	Additional receiver (USA)	Spare transmitter (EU)	Spare transmitter (USA)



*868 MHz is the authorised frequency for Europe and Australia.
915 MHz is the authorised frequency for Canada and the USA.
Retail sales and use of non-authorised frequency transmitters and receivers is prohibited. For all other countries, please consult the local regulation in force.





R SERIES - Buoys

R Series Buoys are heavy-duty buoys in which the rib-reinforced rock solid rope hold is made in such a way to provide extra strength and durability. This is a versatile commercial fishing buoy for the most adverse conditions. Can be used as a marking gear for ocean, sea, river, lake, beaches, cable installation and swimming. R Series Buoys have become widely popular among commercial fishermen in longline fishing for their durability and also among recreational boats. These buoys are one-piece made (no parts are attached together to form the finalised buoy) with consistent wall thickness and UV resistance.

Inflation pressure:

2.1lbs/0,15bar at 68°F/20°C

Material: Plastisol PVC

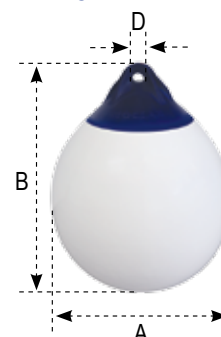
Production process: Single rotational moulding process



Anchoring, Docking & Mooring



Model	Code	Code	Dimensions A x B (mm)	Eye Diameter D (mm)	Volume per products (lt)	Buoyancy (kg)	Weight (kg)	OCEAN Cover	Boat Size (ft/m)
R0	71993	72001	220 x 300	15	5,9	6	0,7	-	up to 16/up to 5
R1	71994	72002	280 x 380	24	12,9	14	1,2	49934	10-20/3-6
R2	71995	72003	380 x 500	28	30,9	32	2	49358	20-35/6-11
R3	71996	72004	440 x 580	28	49	54	3	49359	25-40/8-12
R4	71997	72005	520 x 680	28	82,6	90	4	49360	35-45/11-14
R5	71998	72006	680 x 900	30	179,1	205	6,2	49361	40-55/12-17
R6	71999	72007	880 x 1120	38	376	400	8	49362	55-70/17-21



Available in yellow colour upon request and sufficient quantities.

H SERIES – Heavy-Duty Fenders

The classic series of OCEAN Boat Fenders with superior quality! Made of Plastisol PVC with rotational moulding process, they are one-piece made (no parts are attached together to form the finalised fender) with consistent wall thickness. H Series Fenders are heavy-duty ones in which the rib-reinforced rock solid rope holds in the two sides of the fender are made in such a way to provide extra strength and durability. A versatile fender for the most adverse conditions. Suitable for any use and boats of any kind from 10-50 ft.

Inflation pressure:

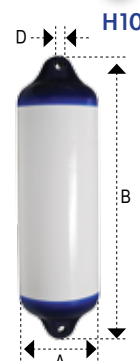
2.1lbs/0,15bar at 68°F/20°C

Material: Plastisol PVC

Production process: Single rotational moulding process



Model	Code	Code	Dimensions A x B (mm)	Eye-Diameter D (mm)	Volume per products (lt)	Weight (kg)	OCEAN Cover	Boat Size (ft/m)
H2	71984	72453	140 x 500	13	6,3	0,70	-	10-20/3-6
H3	71985	72148	160 x 560	18	9,1	1,20	49932	15-30/5-9
H4	71986	72454	190 x 640	18	14,5	1,75	72631	20-35/6-11
H5	71987	72137	220 x 640	22	18,6	2	49351	25-40/8-12
H6	71988	72138	220 x 760	22	23,2	2,30	49352	30-45/9-14
H7	71989	72455	280 x 760	24	35,1	3	49354	35-50/11-15
H8	71990	72139	220 x 1040	22	33,8	3	49353	40-55/12-17
H9	71991	72456	280 x 1090	24	55,4	4	49355	45-60/14-18
H10	71992	-	380 x 1470	45	127	7,2	-	over 65/over 20

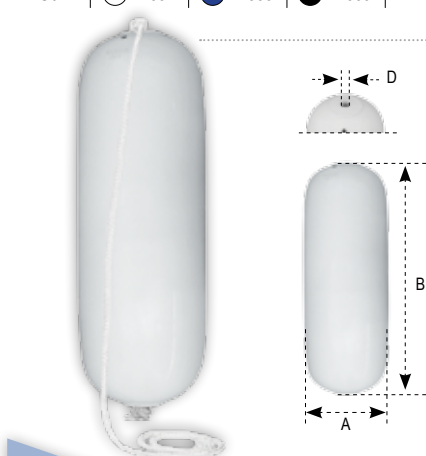


U SERIES – Utility Fenders

A utility boat fender suitable for every yacht and every use. U Series combines simplicity and elegance offering the ultimate touch of style with high gloss finish. Options are available in white, royal blue or black colour and in six different sizes. These utility fenders are one-piece made (no parts are attached together to form the finalised fender), resulting in consistent wall thickness of the fender. Made of Plastisol PVC material with rotational moulding process, they are the highest quality utility fenders in the market. The simple valve of the boat fender offers convenient inflation and maximum protection at the same time.



Model	Code	Code	Code	Dimensions A x B (mm)	Eye-Diameter D (mm)	Volume per products (lt)	Weight (kg)	OCEAN Cover	Boat Size (ft/m)
U0	○ 72260	● 72358	● 72359	100 x 330	13	1,8	0,40	-	up to 10/ up to 3
U1	○ 72261	● 72360	● 72361	120 x 400	16	3,6	0,52	-	10-20/3-6
U2	○ 72262	● 72362	● 72363	140 x 500	16	6,3	0,80	-	15-25/5-8
U3	○ 72263	● 72364	● 72365	160 x 560	19	9,1	1	49932	15-30/5-9
U4	○ 72264	● 72366	● 72367	190 x 640	19	14,5	1,55	72631	20-35/6-11
U5	○ 72265	● 72368	● 72369	220 x 640	22	18,6	2	49351	25-40/8-12
U6	○ 72557	● 72558	● 72559	220 x 760	22	21,1	3	49352	30-45/9-14



CH SERIES – Centre Hole Fenders

CH Series of Centre Hole Fenders distinguishes for its multiple use since these fenders are designed for horizontal and vertical application to any small to medium sized boat. The CH Series, introduced by OCEAN, is the point when simplicity and elegance become one, with the high gloss finish giving you the ultimate touch of style. In addition, these fenders are one-piece made (no parts are attached together to form the finalised fender), resulting in consistent wall thickness. As all OCEAN fenders, these are made of Plastisol PVC material, through rotational moulding process. The simple valve of the fender offers convenient inflation and maximum protection at the same time. CH Boat Fenders are accompanied with white rope in order to make your life easier!

Model	Code	Dimensions (mm)	Hole Diameter D (mm)	Rope Length (mm)	Volume per products (lt)	Weight (Kg)	OCEAN Cover	Boat Size (ft/m)
CH0	○ 72266	100 x 300	16	1000	2,9	0,5	-	up to 15/ up to 5
CH1	○ 72267	150 x 430	16	1200	9	1	49932	15-25/5-8
CH2	○ 72268	200 x 550	16	1400	23,4	2	49351	15-35/5-11

Material: Plastisol PVC
Production process: Single rotational moulding process

Combine with
OCEAN Fender Covers
page 107



SERIES RT Rope - Through Fenders

RT Series of Rope-Through Fenders distinguishes for its multiple use since these fenders are designed for horizontal and vertical application for any yacht. This series is the point where performance and strength become one, with the reinforced vertical ribs giving you the extra protection you need. In addition, these fenders are one-piece made (through rotational moulding process), resulting in consistent wall thickness thought the fender. As all of the OCEAN fenders, they are made of Plastisol PVC material. The simple valve of the fender offers convenient inflation and maximum protection at the same time.

Inflation pressure: 2.1lbs/0,15bar at 68° F/20°C
Material: Plastisol PVC
Production process: Single rotational moulding process

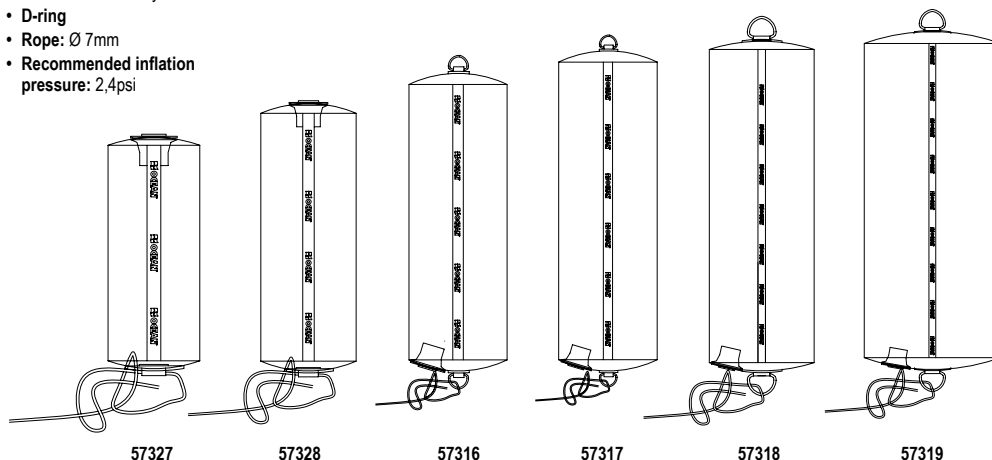
Model	Code	Dimensions A x B (mm)	Tube-Diameter D (mm)	Volume per products (lt)	Weight (kg)	OCEAN Cover	Boat Size (ft/m)
RT1	○ 72107	160 x 395	16	7,7	0,5	49932	15-25/5-8
RT2	○ 72108	215 x 520	16	18,3	1	49351	25-35/8-11
RT3	○ 72109	265 x 685	16	36,6	2	-	35-50/11-15



EASystore PLUS Inflatable Fenders

EASystore PLUS Inflatable Mega Yacht Fender is made of reinforced, abrasion resistant PVC material. Lightweight, simple to use and when deflated can be stowed in small lockers. EASystore PLUS can be quickly inflated by using any standard or electric pump and easily mounted using the rope supplied. Available in various sizes and in light grey colour.

- **Thickness:** 0,9mm
- **Material:** PVC Body
- **D-ring**
- **Rope:** Ø 7mm
- **Recommended inflation pressure:** 2,4psi



Code	Diameter (mm)	Length (mm)	D-ring on top	D-ring on bottom	Buoyancy (kg)	Rope (m)	OCEAN Cover	Boat Size (ft/m)
57327	200	500	-	stripe	15	3	72631	20-30/6-9
57328	250	700	-	stripe	35	3	49354	30-40/9-12
57316	280	850	1	1	52	3	49355	40-50/12-15
57317	320	1040	1	1	84	3	72625	50-70/15-21
57318	420	1320	1	1	184	5	72626	40-140/21-43
57319	600	1500	1	1	427	5	72627	140-210/43-64



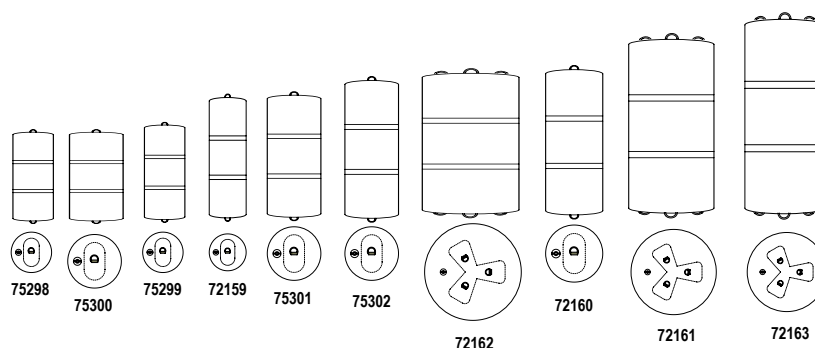
Anchoring, Docking & Mooring



MAGNUS Inflatable Fenders

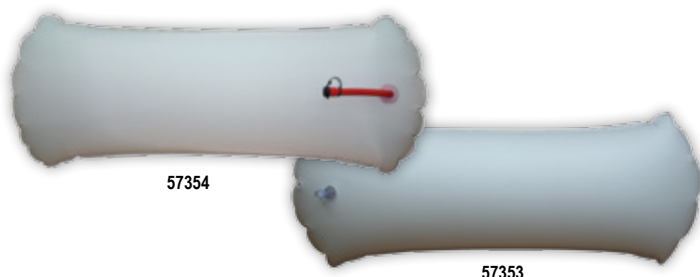
MAGNUS Inflatable Mega Yacht Fender is made of a copolymer blend of PVC/EVA/UV material. There are options with 1 and 3 D-rings attached on each side of the fender, as well as wrap around straps for better durability and strength. Lightweight in regard to its size, simple to use and when deflated can be stowed in small lockers. It can be quickly inflated by using any standard or electric pump and easily mounted using the rope supplied. Trusted by superyacht captains around the globe, it has never let them down when needed. Covers are optional but they are recommended if you wish to add on some extra style to the fender. MAGNUS Inflatable Mega Yacht Fender is available in various sizes and in black colour.

- **Thickness:** 1.2 mm
- **Material:** PVC Body
- **D-ring**
- **Wrap around tape**
- **Recommended inflation pressure:** 2,4psi



Code	Diameter (mm)	Length (mm)	D-ring on top	Buoyancy (kg)	D-ring on bottom	OCEAN Cover	Approx. Boat Size (ft/m)
75298	460	1070	1	179	1	For further information about cover, please contact our team.	60-100/18-30
75300	610	1070	1	315	1		100-130/30-40
75299	460	1140	1	190	1		100-130/30-40
72159	420	1450	1	184	1		130-190/40-58
75301	610	1470	1	432	1		130-190/40-58
75302	610	1680	1	494	1		130-190/40-58
72162	1100	1700	3	1420	3		130-190/40-58
72160	650	1750	1	1290	1		140-210/43-64
72161	970	2100	3	534	3		over 200/over 60
72163	900	2350	3	1345	3		over 210/over 67





Optimist Buoyancy Tubes with Valve, Grey

Code	Material	Maximum Air Pressure	Dimensions
57353	PVC	0,5PSI	41x100cm
57354	Nylon with TPU	3,6PSI	

SOLOVELA

SOLOVELA Solid Fender serves as a multipurpose boat fender and it is the best in its class by offering optimum shock absorption and lifetime performance. It is manufactured with Flexible Integral PU Skin Foam technology, so it is a boat fender that cannot deflate. In addition it has remarkable durability having been tested under the pressure of 12 tons per dm2. The fender's wide surface area ensures a better distribution of the load and reduction of the specific pressure per cm2. SOLOVELA Solid Fender stands out for its innovative shape and exclusive design, specifically for sailboats, which combines ergonomics and protection. By offering very easy fitting on the sail boat's lifeline and requiring no stowage while sailing, it's always in place and ready to use. It remains steady on the lifeline even with strong wind, without having to worry about being dropped into the sea. You can also use SOLOVELA as a boarding step or as a backrest for the captain during sailing. SOLOVELA Solid Fender is supplied with a navy blue or sand colour, UV-resistant zip-on cover and a 3 m white polyester line. The fender has one through hole with nylon fiber reinforced bushes for easy and safe installation with the supplied line.



L (mm)	H (mm)	W (mm)	⚓ (ft)	⚖ (kg)
380	600	190	30-70	4,2

Suitable for



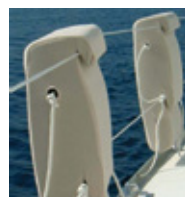
● 473215 | ● 197742

Combine with
OCEAN Fender Covers
page 107



Cover for SOLOVELA

● 197782 | ● 197783



Tested under 12 tons per dm2.
Can also be used as a step and as a backrest.

TYPE A Clip-on Fenders

TYPE A Clip-on Boat Fender is the first and unique solid fender, which clips on the guardrail, and is manufactured with Flexible Integral PU Skin Foam technology. It is a boat fender that cannot deflate. It offers the best shock absorption and lifetime performance among other boat fenders, providing exceptional protection. It has impressive durability, as this fender cannot deflate no matter the pressure. It is always in place and ready to use in seconds, and it remains steady even with strong wind. There is no need for fender baskets or other inconvenient stowage and they don't get in the way on the side decks. It can be used for the protection of the boat both horizontally and vertically. The TYPE A Clip-on Solid Fender has one through hole with nylon fiber reinforced bushes for easy and safe installation.



Suitable for



Model	Code	Code
A1	○ 197747	● 197748
A2	○ 197749	● 197750
A3	○ 197751	● 197752
A4	○ 197753	● 197754

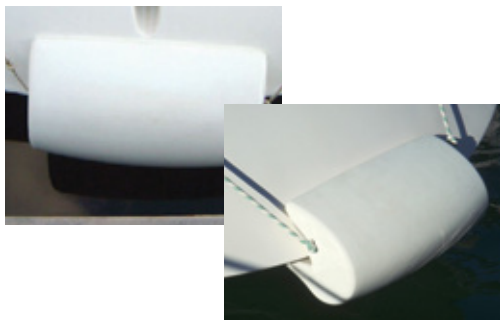
Model	Ø (mm)	M (mm)	⚖ (kg)	⚓ (ft)	Ø GUARDRAILS (mm)
A1	160	380	1,5	20	20-26
A2	200	460	2,5	33	20-28
A3	230	530	3,8	43	25-30
A4	250	600	4,8	>43	25-30





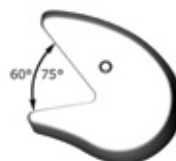
MATCH 60

MATCH 60 is the first and unique universal stern solid fender, which is manufactured with Flexible Integral PU Skin Foam technology. It is a boat fender that cannot deflate. It has the best shock absorption and lifetime performance in class, providing exceptional boat protection and durability. In addition, MATCH 60 Solid Fenders' innovative shape and exclusive design combine ergonomics and protection for the stern, which is one of the most vulnerable parts of the boat. Always in place, it fits all shapes of stern. With one through hole with nylon fiber reinforced bushes for easy and safe installation.



M (mm)	Y (mm)	Π (mm)	⚖ (kg)
600	320	250	4,2

○ 421084 ● 421110



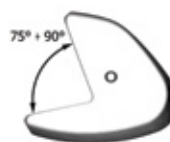
MATCH 80

MATCH 80 is the first and unique stern fender for 90° stern shape, which is manufactured with Flexible Integral PU Skin Foam technology. It is a boat fender that cannot be deflated. It has the best shock absorption and lifetime performance in class, providing exceptional boat protection and durability. In addition, MATCH 80 Solid Fenders' innovative shape and exclusive design, combines ergonomics and protection for the stern, which is one of the most vulnerable parts of the boat. Designed to stay fixed in place, it is ideal for stern berthing fitting all stern shapes from 75° to 90°. MATCH 80 Stern Fender has one through hole with nylon fiber reinforced bushes for easy and safe installation.



M (mm)	Y (mm)	Π (mm)	⚖ (kg)
660	280	240	4,2

○ 197744 ● 197743



PVM1

PVM1 is the first and unique universal bow solid fender, which is manufactured with Flexible Integral PU Skin Foam technology. It is a fender that cannot deflate. It has the best shock absorption and lifetime performance in class, providing exceptional boat protection and durability. It is a multipurpose fender, ideal for bow berthing, for protecting the swimming platform and for dock fending. In addition it protects the bow from anchor swinging. Its innovative shape and exclusive design, combines ergonomics and protection for the stern and bow, which are the two most vulnerable parts of the boat. PVM1 Bow Solid Fender is designed to stay fixed in place and has two through holes with nylon fiber reinforced bushes for easy and safe installation.



L (mm)	H (mm)	W (mm)	⚖ (kg)
600	250	170	3,2

○ 472461 ● 472462



PVM2

PVM2 Solid Fender is ideal for protecting the corners of your boat's swimming platform, having been made with thickness up to 15cm. It is manufactured with Flexible Integral PU Skin Foam technology. It is a fender that cannot deflate. It has the best shock absorption and lifetime performance in class, providing exceptional boat protection and durability. With two through holes with nylon fiber reinforced bushes for easy and safe installation. Additionally, it can be used in combination with PVM1 Solid Fender to ensure the best protection for your swimming platform.



L (mm)	H (mm)	W (mm)	⊗ (kg)
430	240	250	2,5

○ 472463 ● 472464

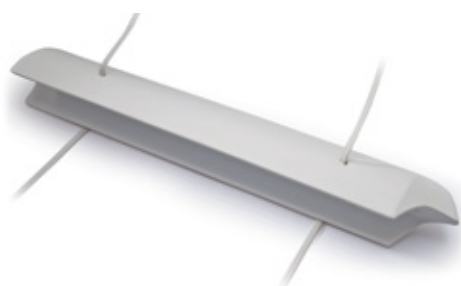
- Ideal for swim platforms applications
- It is designed for corner protection

Suitable for



BLADE Cruiser/Racer

BLADE Cruiser/Racer Fender is the first and unique bow solid fender for 90° bow shape that fits in all bow shapes up to 7cm wide and it is manufactured with Flexible Integral PU Skin Foam technology. It has the best shock absorption and lifetime performance in class, providing exceptional bow protection and durability, as it cannot deflate. Designed to stay fixed in place. One through hole with nylon fiber reinforced bushes for easy and safe installation.



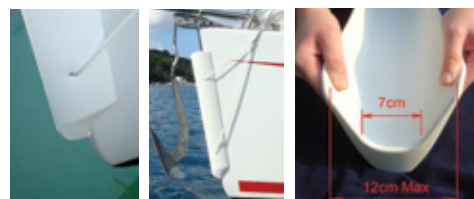
L (mm)	H (mm)	W (mm)	⊗ (kg)	MAX BOW SHAPE WIDTH (mm)
1040	160	120	2,7	70

○ 197745 ● 197746

Suitable for



The first and unique bow fender for 90° stern shape.



Fender Covers & Accessories



Fender Adjuster, 4 pcs

OCEAN Fender Adjuster is ideal and easy to use when you wish for quick placement of boat fenders anywhere at any time.

- 4 unit- pack
- **Material:** PE-HD High density polyethylene

Code | 72702



Hook for Fenders

Designed to make the procedure of attaching and adjusting boat fenders easier, by placing them into the boat rail. Made of polyamide and available in two colours & two dimensions.

Code	Description	Colour	Length (mm)	Width (mm)	Ø Eye (mm)
43634	For installation on a Ø 6 mm cable	White	86	25	7
43635		Black			
43640	For installation on rail Ø from 20 to 22 mm.	White	85	38	21
43641		Black			

Inflation Adapter for Fender Valve

Designed for the inflation of OCEAN H-Series and R-Series OCEAN Fenders. It is compatible with all Nuova Rade pumps and inflators. Made of PA and available in a Ø 14 mm dimension.

Code | 56860

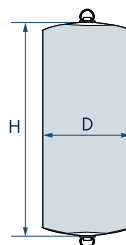
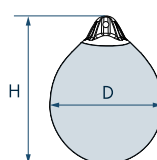


Fender Covers

All OCEAN Fender & Buoy Covers are manufactured in-house using knitting machines of the latest technology. Our covers are handcrafted with 100% polar fleece material for high durability and performance. Resistant to sunlight and water, they are also tested to ensure friction resistibility. Developed for the most demanding situations at sea, during mooring, OCEAN Fender & Buoy Covers provide the ultimate protection for your boat, extending also the fender life at the same time.

- Perfect fitting
- Quick and easy installation
- Washable

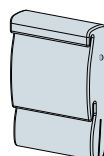
Code	Maximum Fender Dimensions (mm)		Thickness	Pieces per package	Fits OCEAN fenders
	Max Diameter (D)	Max Height (H)			
49932	160	560	Single	2	H3 / U3 / RT1 / CH1
72631	190	640	Single	2	H4 / U4 / Easystore 57327
49351	220	640	Single	2	H5 / U5 / RT2 / CH2
49352	220	760	Single	2	H6 / U6
49354	280	760	Single	2	H7 / RT3 / Easystore 57328
49353	220	1040	Single	2	H8
49355	280	1090	Single	2	H9 / Easystore 57316



Code	Maximum Fender Dimensions (mm)		Thickness	Pieces per package	Fits OCEAN fenders
	Max Diameter (D)	Max Height (H)			
49934	280	380	Single	2	R1
49358	380	500	Single	2	R2
49359	440	580	Single	2	R3
49360	520	680	Single	2	R4
49361	680	900	Single	2	R5
49362	880	1120	Double	1	R6

Code	Maximum Fender Dimensions (mm)		Thickness	Pieces per package	Fits OCEAN fenders
	Max Diameter (D)	Max Height (H)			
72625	320	1040	Double	1	Easystore 57317
72626	420	1320	Double	1	Easystore 57318/ Magnus 72159
72627	650	1600	Double	1	Easystore 57319/ Magnus 72160

Code	Colour	Thickness	Pieces per package	Fits OCEAN fenders
197782	Blue	Single	1	Solovela 473215
197783	Beige	Single	1	Solovela 197742



Anchoring, Docking & Mooring

Modular Fender Basket, Inox



Code	Diameter (mm)	Height (mm)	Fenders	
			Lalizas Hercules	Polyform
98630	180	420	50583, 50593, 50584, 50594, 50633, 50634	71254/F1
98629	220	440	50585, 50595, 50586, 50596, 50635, 50660, 50636	71255/F02
98631	250	450	50661, 50662, 50663	71256/F2, 71257/F3, 71258/F4
98632	340	590	50664, 50665	71259/F5, 71260/F6

Connector Parallel for Fender Baskets, 2 pcs



Code 90163

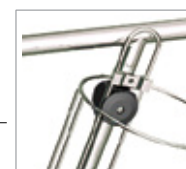


Connector & Rail Support for Fender Baskets, Set



- Fits any tube or rail, horizontal or vertical, with Ø 19 - 25mm.
- Screws are included in the package.

Code	Colour	Diam. (mm)	Length (m)
90154	Black	60	1600





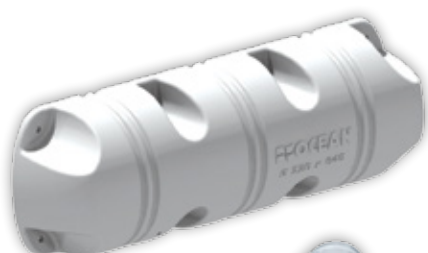
Pre-cut



Fender Line, Double-braided, with Loop, Polyester, Navy blue

Code	Diam. (mm)	Length (m)	Breaking Load (kg)	Boat length (m)
90812	8	2	1600	< 6
90813	10	2	1940	6 - 8
90814	12	3	2650	> 8

Dock Fenders

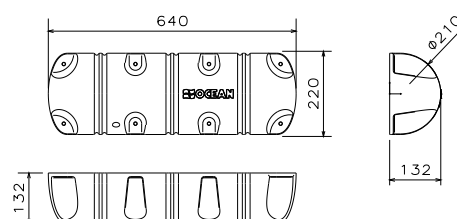


με Αφρό



Inflatable Dock Fender, 1/2, White

Code	Description	Weight (kg)
72347	Empty	2,5
72492	Foam Filled	4

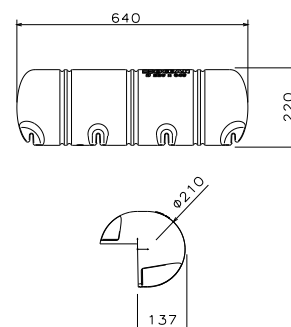


με Αφρό



Inflatable Dock Fender, 3/4, White

Code	Description	Weight (kg)
72346	Empty	3
72493	Foam Filled	5



Dock Fenders

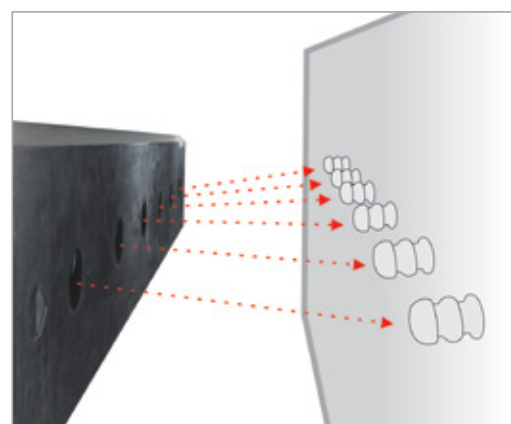
The Dock Fender, as well as the rest of the OCEAN solid fender series, is manufactured with Flexible Integral PU Skin Foam technology. It is a dock fender that cannot deflate in any way, under any circumstances. It has the best shock absorption and lifetime performance in class, providing exceptional dock and boat protection. It is the ideal fender for dock fending, fitting perfectly in every dock by placing the clip-ons on the dock and then easily and safely attaching the fender with the dock. Can be also installed on boats that require a permanent means of protection, such as pilot or patrol boats, as they come in very close proximity with other boats due to the nature of their operation.



1005x167x160mm



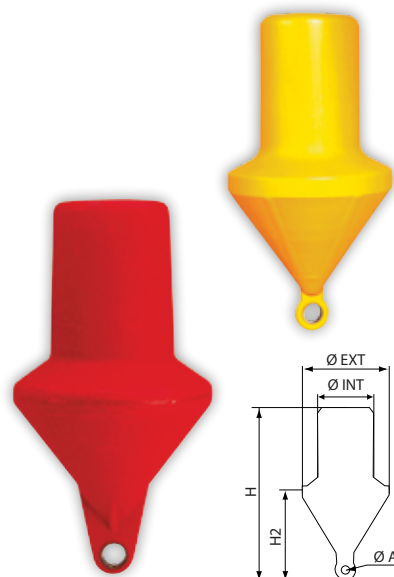
Code	Description
472465	OCEAN Dock Fender, curved-ending, Navy blue
472466	OCEAN Dock Fender, Navy blue
472467	OCEAN Clip-on for Dock Fender



Marking Buoy, Cylindrical

Made of rigid plastic. A metal eyelet reinforces the ring.

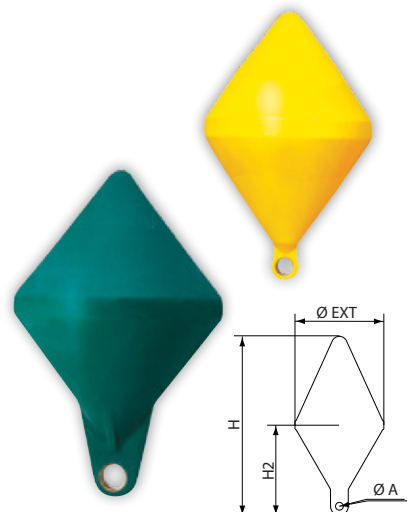
Code	Use	Colour	Description	Dimensions					Buoyancy	
				Ø Ext (mm)	Ø Int (mm)	H (mm)	H2 (mm)	Ø A (mm)	Overall (kg)	In use (kg)
16433	Portside channel marking	Yellow	Empty	400	250	740	363	38	38	14
31928		Red								
16434		Yellow	Foam filled						36	12
31312		Red								
43404	Large size for channel entrance Portside side	Yellow	Empty	800	510	1610	790	55	290	110
43405		Red								
16436		Yellow	Foam filled						265	95
35628		Red								



Marking Buoy, Bi-conical

Made of rigid plastic. A metal eyelet reinforces the ring.

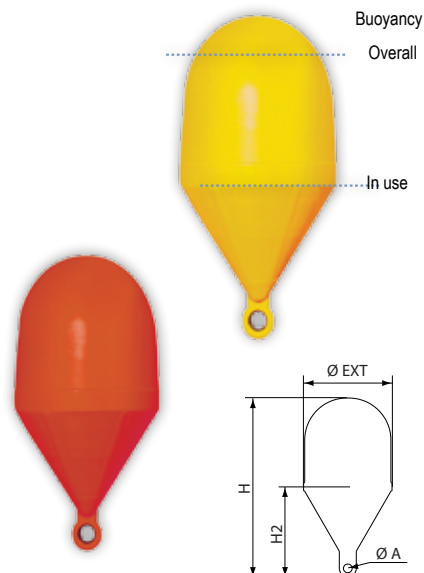
Code	Use	Colour	Description	Dimensions				Buoyancy	
				Ø Ext (mm)	H (mm)	H2 (mm)	Ø A (mm)	Overall (kg)	In use (kg)
16440	Starboard channel marking	Yellow	Empty	400	640	363	55	30	14
31929		Green							
16442		Yellow	Foam filled					28	12
31311		Green							
43418	Large size for channel entrance. Starboard side	Yellow	Empty	800	1610	770	55	200	100
43420		Green							
16443		Yellow	Foam filled					190	90
35629		Green							

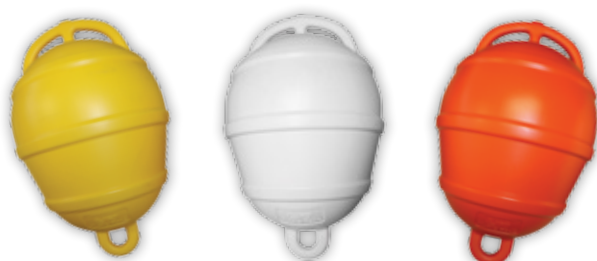


Marking Buoy, Spherical

Made of rigid plastic. A metal eyelet reinforces the ring.

Code	Use	Colour	Description	Dimensions				Buoyancy	
				Ø Ext (mm)	H (mm)	H2 (mm)	Ø A (mm)	Overall (kg)	In use (kg)
16427	Marking the limits of reserved areas	Yellow	Empty	400	660	320	55	45	14
16428		Yellow	Foam filled					42,5	12,5
35750		Red	Empty					45	14
43411	Outer rim of the 300 m coastline	Yellow	Empty	800	1610	810	55	412	102
11673		Yellow	Foam filled					400	90





Mooring Buoy, Rigid Plastic

Code	Colour	Diameter (mm)	Height (mm)	Buoyancy	
				Overall (kg)	In use (kg)
16389	Yellow	250	390	9,5	4,5
16387	White				
16388	Orange				



Mooring Buoy, Bi-conical, Rigid Plastic

UV-resistant

Code	Colour	Diameter (mm)	Height (mm)	Buoyancy	
				overall (kg)	in use (kg)
43433	Yellow	220	540	5,5	2,7
16412	White				
16413	Orange				
43431	Yellow	280	640	10	5
43430	White				
43429	Orange				
43427	Yellow	320	750	24	12
16414	White				
16415	Orange				
30631	Yellow	520	1070	61	30
16416	White				
16417	Orange				



Mooring Buoy, Bi-conical, with Foam & Galvanized Steel Rod

UV resistant

Code	Colour	Diameter (mm)	Height (mm)	Buoyancy	
				Overall (kg)	In use (kg)
43441	Orange	320	660	18	9
43442	White				
43444	Orange	320	880	18	9
43445	White				
43447	Orange	520	1030	58	29
43448	White				

Surface Float with Hole, Round

Polyethylene



Code	Colour	Diameter (mm)	Rope Diameter (mm)	Buoyancy	
				Overall (g)	In use (g)
43952	Orange	45	7	58	29
43956		50	8	62	31
43960		57	8	71	35
43970		75	12	95	47
43971	White	75	12	95	47

Surface Float with Hole, Spherical

Suitable for fitting marker flag



Code	Colour	Diameter (mm)	Rope Diameter (mm)	Buoyancy	
				Overall (g)	In use (g)
43399	Yellow	190	19	1,8	0,9
16384	Orange				
16383	White				
43397	Yellow	260	28	8,5	4,2
16386	Orange				
16385	White				



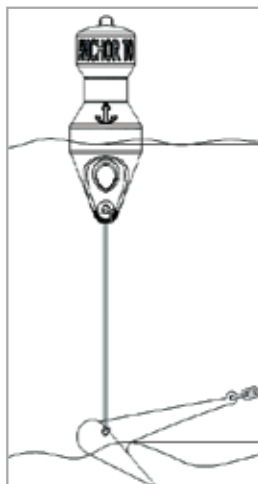
Anchor Marking Buoy with LED Light & Retroreflective Tape

It marks the exact position of the anchor. It is supplied with LED- type flashlight, which operates with one D-type alkaline battery and with a sensor, to flash only during the night hours (3 flashes per minute). Fitted with SOLAS approved retroreflective tape, to give extra help on locating the buoy at night. Material: HDPE.

Code	Diameter (mm)	Height (mm)	Weight (kg)
636020	200	570	1



Led Light

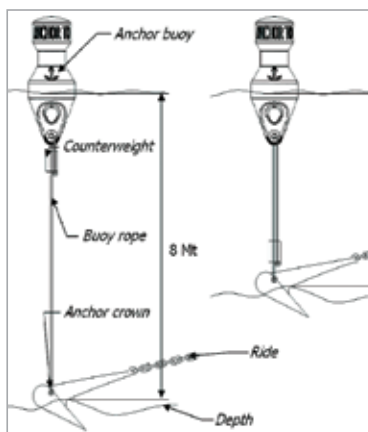


Anchoring, Docking & Mooring

Anchor Marking Buoy with Retroreflective Tape & Line 11m

It marks the exact position of the anchor with a lead counterweight that self-adjusts the line length with depths between 4 and 10 m. SOLAS approved retroreflective tape to give extra help on locating the buoy at night. It helps to retrieve a fouled anchor by lifting it up from the anchor crown. Easy-to-use and stow it away in the anchor peak. Material: HDPE.

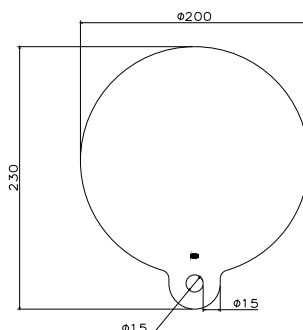
Code	Diameter (mm)	L line (m)	Height (mm)	Weight (kg)
197765	200	11	507	2



Sports Buoy

Sports Buoy is made of high-quality PVC material. This small but durable inflatable buoy is the perfect marker for a beach, a waterski course or any area that requires marking. OCEAN Sports Buoy meets the American Water Ski Association specifications. With a durable rope hold to fasten any line.

Code	Colour	L (mm)	H (mm)	Weight (kg)
72450	Red	200	230	0,6





Diver Buoy

It is ideal for diving with cylinders. It is easy-to-use for the diver, since it is especially designed so as to facilitate the diver's moves without jeopardizing his safety. The red buoy is folded and attached with a rope (6m) inside the blue case; the case has a sewn black plastic clip on, which offers the ability to the diver to fasten the buoy on his suit for easy carrying. Additionally, the case features a whistle to use in any emergency. The buoy is made of soft PVC, 0.3mm thick, while the case is made of 1000D Polyester with PVC film, 0.5mm thick.

Dimensions: L 20cm W 8cm (packed)
H 145cm W 15cm (inflated)

Instructions of Use

Open the case and release the buoy. Use the cylinder to provide the buoy with a small quantity of air. In this way, the pressure of the air along with the pressure of the water will make the buoy to inflate and pop up on the water surface, warning the boats that a diver will soon float at the specific point.

Code | 70017



Torpedo Diving Marker Buoy "Safe Dive", Diam. 28cm, Length 88cm

Code | 97816



Torpedo Diving Marker Buoy "Safe Dive", Reinforced, with 20m Rope

Code | 97813



Small Round Marker Buoy "Safe Dive", Diam. 30cm, Height 50cm

Code | 97814



Race Mark Buoy

This mark buoy has been especially designed to meet the demands of races. It features one inflation & deflation valve and one transparent pocket (69 x 58 cm) which can be used for advertising purposes. There are also 4 attachment points for the anchor line. In order to absorb the pulling forces of the latter, LALIZAS Race Mark Buoy is fitted with a special net. When deflated, it is very easy to carry, despite its size (height: 1.5 m, diameter: 0.90 m). Made of UV-resistant PVC, it has bright yellow colour for high visibility.



Code	51030
Model	Cylindrical
Diameter (m)	0,9
Height (m)	1,5
Inflated Weight (kg)	4
Transparent Pocket	1



Attachment points for the anchor line



Inflation/deflation valve



Transparent pocket



Telescopic Hook with Single End, Anodised Aluminium, Black



Code	Length (cm)	Ø Shaft (mm)
16593	114 to 192	30

Floating Hook with Single End, Anodised Aluminium, Black



Code	Length (cm)	Ø Shaft (mm)
12517	120	25
12518	180	
12519	240	

Floating Hook with Double End, Anodised Aluminium, Black



Code	Length (cm)	Ø Shaft (mm)
44259	216	30

Soft PVC Cover



Floating Hook with Double End, White Aluminium, Grey



Code	Length (cm)	Ø Shaft (mm)
44263	180	30

Soft PVC Cover



Hook with Double End, Black



Code	Length (cm)	Ø Shaft (mm)
50030	147	25
50040	175	

Soft PVC Cover



Telescopic Hook with Double End, Aluminium, Black



Code	Length (cm)	Ø Shaft (mm)
50060	67 to 101	25/30
50050	118 to 196	

Soft PVC Cover



Telescopic Hook with Double End, Anodised Aluminium, Grey



Code	Length (cm)	Ø Shaft (mm)
44252	118 to 196	25

Soft PVC Cover



Telescopic Hook with Double End, White Aluminium, Grey



Code	Length (cm)	Ø Shaft (mm)
44261	118 to 196	30

Floating Hook with Single End, Pine, Black








Code	Length (cm)	Ø Shaft (mm)
16591	120	30
16592	180	30



Boat Hooks

All boat hooks are manufactured following the highest standards. The hooks are made of Nylon and the poles of high-quality anodised aluminium for longer life. The boat hook head (57343) is also available. It is lighter, reinforced for extra strength, with a wider opening, which allows you to capture objects more easily. This hook head can be used with the plain (57340) or telescopic tubes (57341 - 57342), which are sold separately.

				57342		
				57341		
				57340		
Code	Description	Diameter (cm)	Length (cm)			
			Min	Max		
57340	Aluminum Tube for hook/broom	2,5	130			
57341	Aluminum Tube Telescopic for hook/broom	2,2 - 2,5	110	175		
57342		2,2 - 2,5	170	305		
57343	Hook with Thread - Black	2,2	-			



Hook, Ø25mm, Plastic, Black

Code | 50180



Handle, Ø25mm, Plastic, Black

Code | 50908



Handle, Ø30mm, Plastic, Black

Code | 50100



Handle, Ø35mm, Plastic, Black

Code | 50110



Female Hook with Single End, Plastic, Ø 30mm, Black

Code | 16590



Female Hook with Double End, Plastic

Code	Ø int. (mm)	Colour
44249	25	Black
44246	30	

Double Hook with Thread Ø30mm, Plastic, Black



Code | 44243

Female Hook with Single End, Plastic, Ø25mm, Black



Code | 38579

Support Clip, Plastic, Black



Code	Diameter (mm)
16702	16
16705	19
16703	25
16704	30
16707	50

Adjustable Support Clip, Plastic



Code	Colour
45229	White
45230	Black

Adjustable Double Support Clip, Plastic, Black

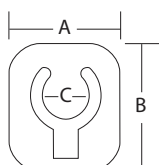


Code | 45217

Folding Support Clips, Plastic, White, Set



Code	A (mm)	B (mm)	Ø C (mm)
196072	72	82	30



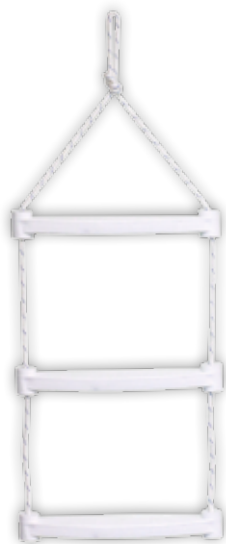
Screwed Support Clip, Plastic

Code	Diameter (mm)	Colour
45191	15	White
45192		Black
45197	20	White
45198		Black
45203	25	White
45204		Black
45209	30	White
45210		Black
45215	35	White
45216		Black
45235	40	White
45236		Black
45241	45	White
45242		Black



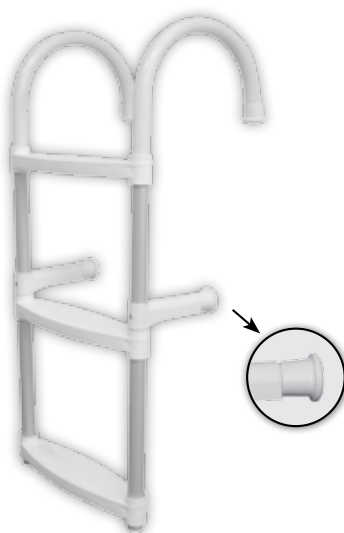


Rope Ladder



Code	50042	50043	50044
Steps	2	3	4
Height (cm)	62	80	102
Width (cm)	35	35	35
Weight (gr)	250	400	500

Aluminium Ladder



Code	50032	50033	50034	50035
Steps	2	3	4	5
Height (cm)	55	83	110	136
Width (cm)	35	35	35	35
Weight (gr)	950	1200	1550	1800

Inox Ladder



Code	50053	50054	50055
Steps	3	4	5
Height (cm)	83	113	136
Width (cm)	35	35	35
Weight (gr)	1920	2200	2900



Anchoring, Docking & Mooring

Step for Aluminium & Inox Ladder, White



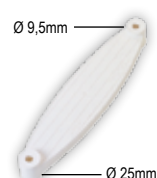
Code | 50160

Step for Aluminium & Inox Ladder, Black



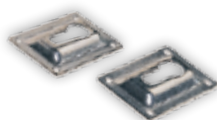
Code | 50170

Step for Rope Ladder, White

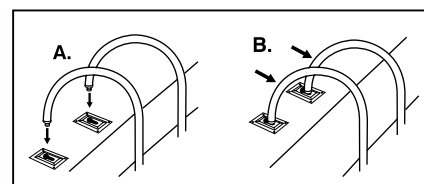
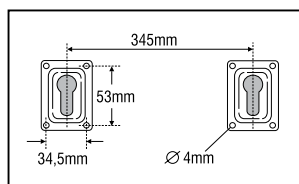


Code | 50150

Key Hole Plate for Ladders



Code | 00636



Key Hole Plate, without Base



Code | 70647

Spare Hinge for Ladders



Code | 70646

Key Hole Plate



Code | 99527

Mounting Bracket for Ladders

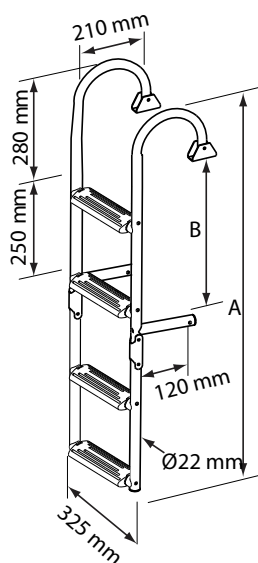


Code	70613	70614
Diameter (mm)	22	25

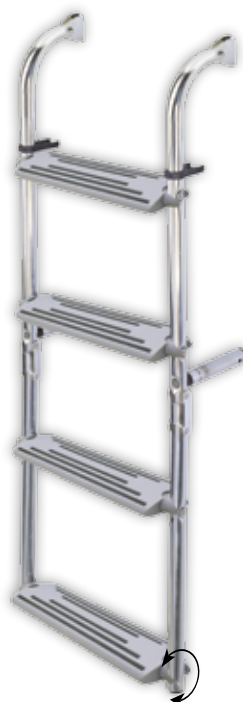


Foldable Ladder, Inox 316, 180°

Code	A (mm)	B (mm)	Steps
55695	1050	405	2 + 2
55696	1300	655	3 + 2
55697	1300	405	2 + 3
55698	1550	655	3 + 3

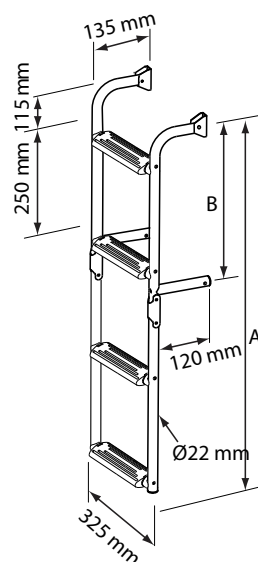


Adjustable Steps



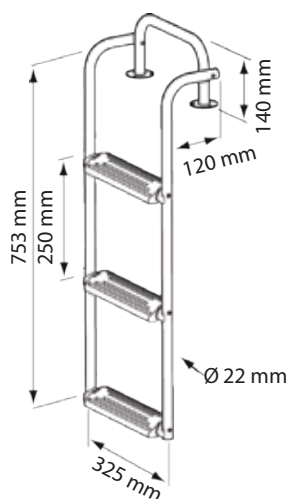
Foldable Ladder, Inox 316, 90°

Code	A (mm)	B (mm)	Steps
55699	650	140	1 + 2
55700	900	390	2 + 2
55701	1150	640	3 + 2
55702	1150	390	2 + 3
55703	1400	690	3 + 3



Adjustable Steps

Bow Ladder, 3 Steps, Inox 316



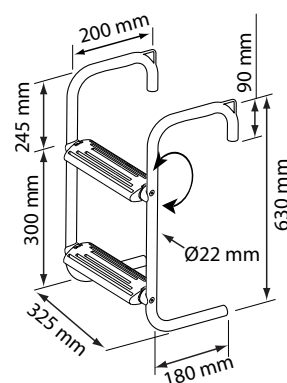
Code | 55694



Adjustable Steps



Raft Ladder, 2 Steps, Inox 316



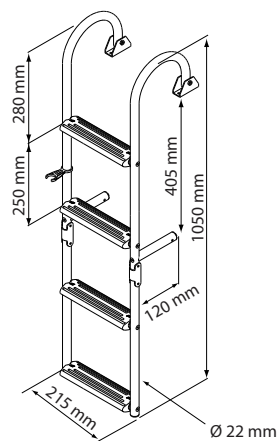
Code | 55706



Adjustable Steps

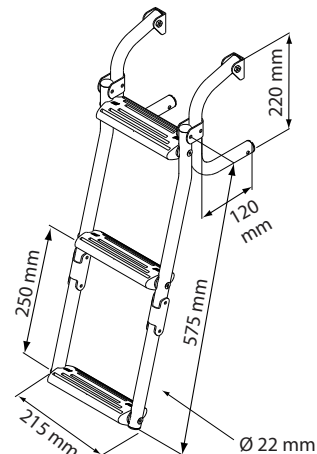


Foldable Ladder for Narrow Transom, 2+2 Steps, Inox 316, 180°



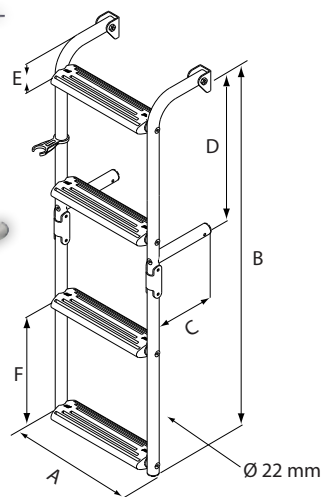
Code | 30535

Foldable Ladder for Narrow Transom, 2+1 Steps Inox 316



Code | 29398

Foldable Ladder for Narrow Transom, Inox 316, 90°



Code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Steps
30536	215	835	120	370	70	250	2 + 2
36275	215	705	120	205	160	250	1 + 2

Fixing Plate for Ladder, Inox



Code | 27073

Ladder Support Base, Long



Code | 12587

Connection Ladder, without Base, Ø22mm



Code | 02442

Connection Ladder, T Shape, Ø22mm



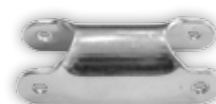
Code | 02443

Ladder Support Base, Narrow



Code | 29999

Hinge for Folding Ladder, Ø22mm



Code | 02439



Anchoring, Docking & Mooring



Add on Step, Inox 316

Code | 12572



Footrest, Inox, Ø22mm, 440x120mm

Code | 44213



Round Base, 90°, Inox 316, Ø22mm, Base Ø54mm

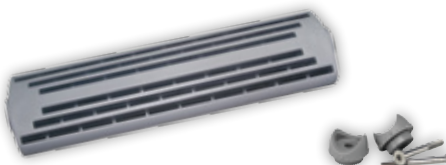
Code | 70616



Kit for Adjustable Steps, 2 pcs

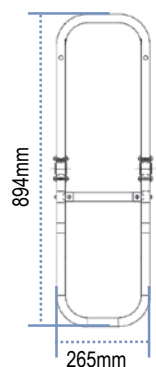
Code | 30537

Ladder Step with Fitting, Grey, Set

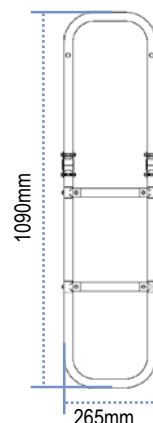
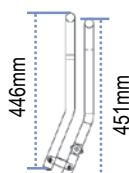


Code	Length (mm)	For tube
15684	180	Ø 22
15680	260	Ø 22

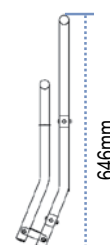
Folding Ladder for Inflatable Boats, Aluminium



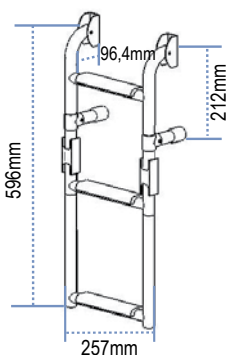
Code	99507
Steps	2
Diameter (mm)	25



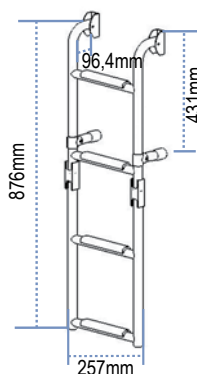
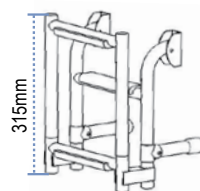
Code	71200
Steps	3
Diameter (mm)	25



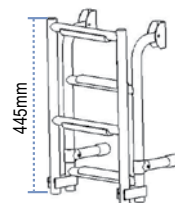
Folding Ladder for Transom, Inox 316



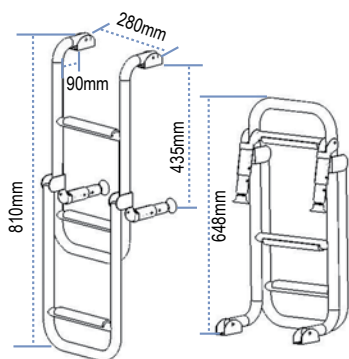
Code	99500
Steps	1+2
Diameter (mm)	22



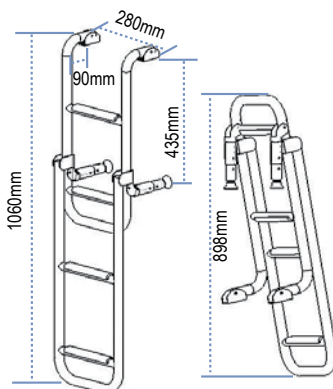
Code	99501
Steps	2+2
Diameter (mm)	22



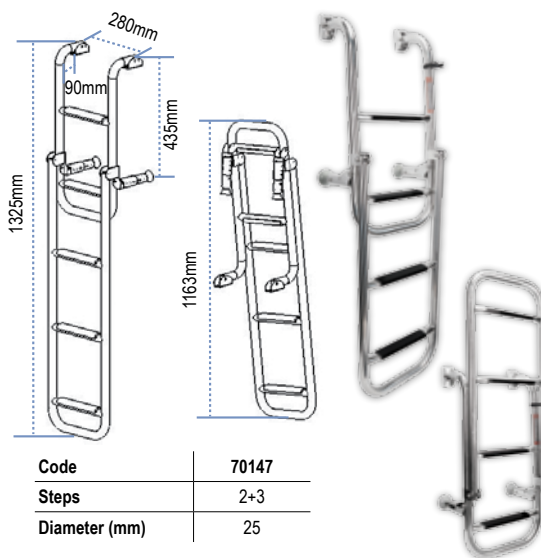
Folding Ladder, Inox 316



Code	70146
Steps	1+2
Diameter (mm)	25



Code	70088
Steps	2+2
Diameter (mm)	25

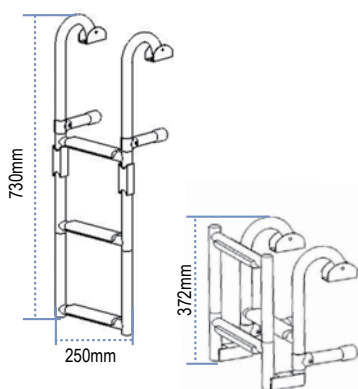


Code	70147
Steps	2+3
Diameter (mm)	25

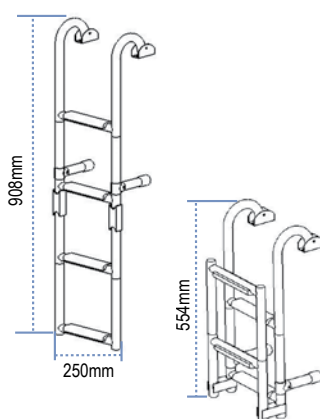


Anchoring, Docking & Mooring

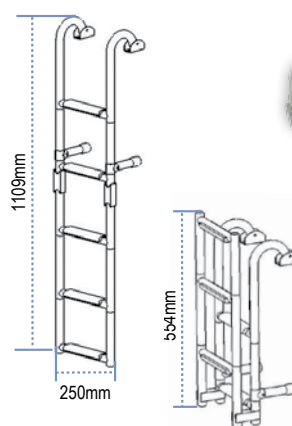
Folding Ladder for Gunwale, Inox 316



Code	99497
Steps	1+2
Diameter (mm)	22

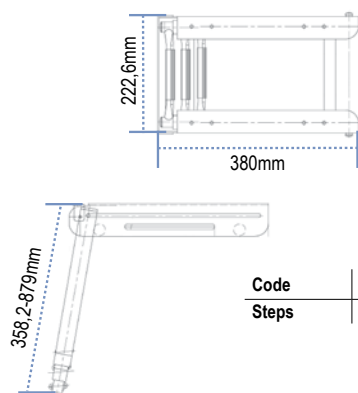


Code	99498
Steps	2+2
Diameter (mm)	22

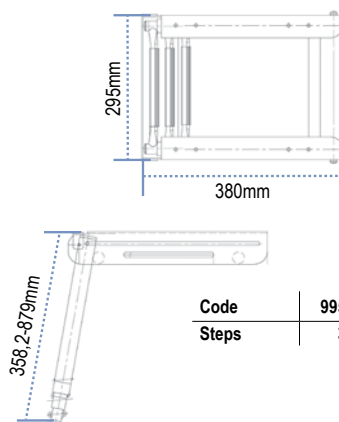


Code	99499
Steps	2+3
Diameter (mm)	22

Telescopic Ladder for Platform, Inox 316



Code	99503
Steps	3

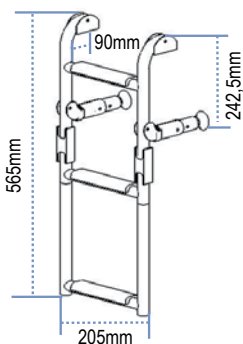


Code	99504
Steps	3

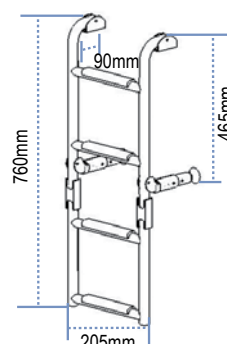
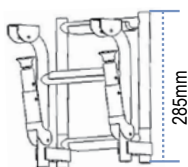




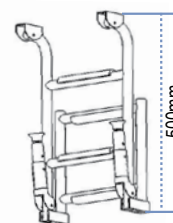
Folding Ladder, Inox 316



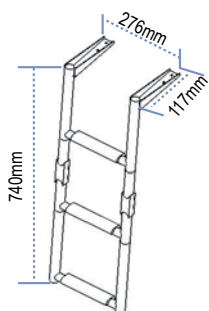
Code	70089
Steps	1+2
Diameter (mm)	25



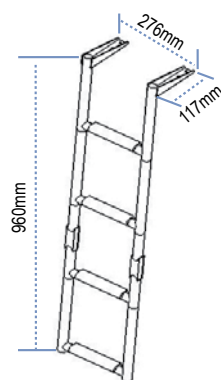
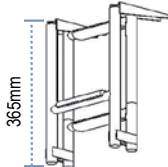
Code	70148
Steps	2+2
Diameter (mm)	25



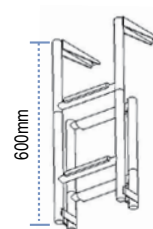
Folding Ladder for Platform, Inox 316



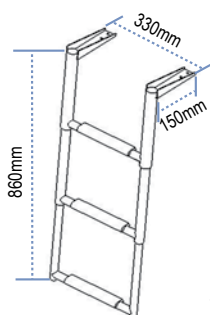
Code	99505
Steps	1+2
Diameter (mm)	22



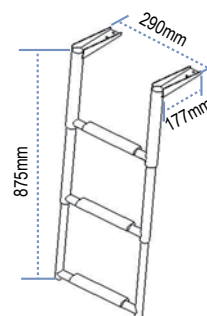
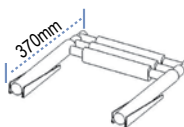
Code	99506
Steps	2+2
Diameter (mm)	22



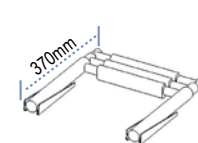
Telescopic Ladder, Inox 316



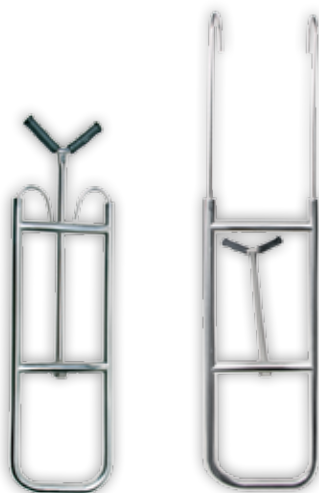
Code	70610
Steps	3



Code	74328
Steps	3



Bow Ladder, Inox 316

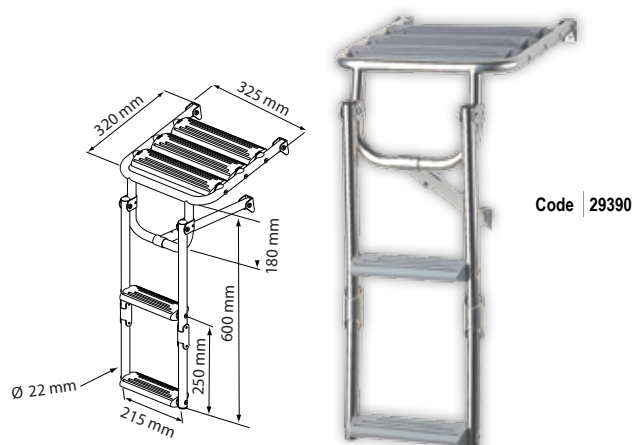


Code	70644
Steps	3
Diameter (mm)	25
Width (mm)	250
Length (mm)	930

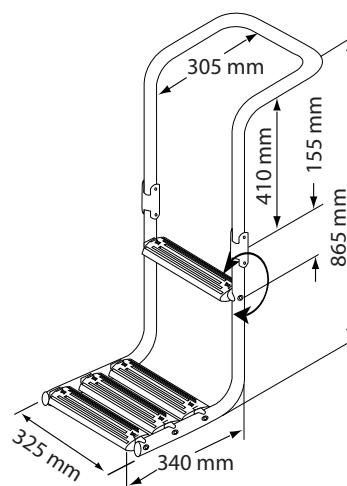
Platforms & Gangways



Platform Ladder, Inox 316, with 2 Plastic Steps



Immersed Platform Ladder, Inox 316



Code 29181



Adjustable Steps



Wooden Platform with Inox 316 Frame

Code	99512	99513
Diameter (mm)	25	
Width (mm)	210	270
Length (mm)	390	
Wood	Teak	



Wooden Platform with Inox 316 Frame

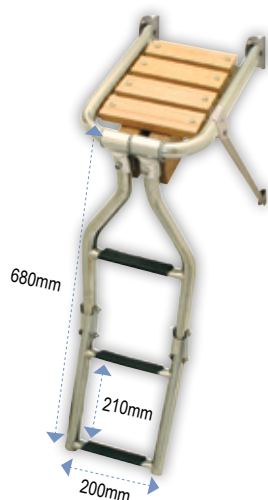
Code	99509	99510
Diameter (mm)	25	
Width (mm)	450	
Length (mm)	390	500
Wood	Teak	



Wooden Platform with Inox 316 Frame

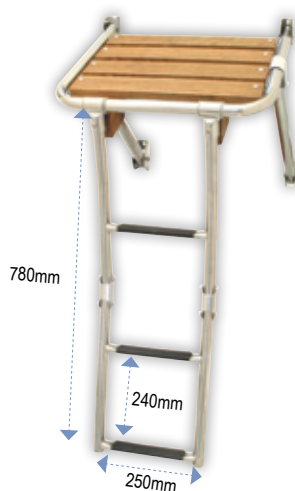
Code	99511
Diameter (mm)	25
Width (mm)	600
Length (mm)	550
Wood	Teak





Wooden Platform with Inox 316 Ladder

Code	99516	99517
Width (mm)	210	270
Length (mm)	390	
Wood	Teak	



Wooden Platform with Folding Inox 316 Ladder

Code	99514
Width (mm)	450
Length (mm)	390
Wood	Teak



Wooden Platform with Telescopic Inox 316 Ladder

Code	99515
Width (mm)	450
Length (mm)	390
Wood	Teak



Gangway Carbon, Folding, 220x35cm, 7,9Kg

Code | 74706

Wooden Gangway with Aluminium Frame, 190x38cm, 11,8kg

Code | 72666



Wooden Gangway, 2,4m

Gangway teak, unstated, rigid.

Dimensions: 2400x270x39mm
 Weight: 12kg



Code | 42073



Boats, Engines & Accessories

At MARINA Stores, you can find the inflatable boats of the leading Italian manufacturer, ARIMAR, and choose the one that fully meets your needs. Combine your inflatable boat with a HIDEA outboard engine for unique sea excursions. A reliable and efficient solution that will never let you down!

The maintenance of your engine is also important, so get the necessary equipment and accessories to keep your engine running at all times and performing at its best.

In terms of your boat's transportation, you will find the best boat trailer parts in order to maintain the longevity of your boat trailer and avoid any damages.

Inflatable Boats	124-125	Fuel Tanks & Accessories	159-164
Inflatable Boat Accessories	126-128	Fuel Hoses & Connectors	164-166
Paddles & Spare Parts	128-132	Tank Vents	166-167
Inflation Pumps & Accessories	132-133	Engine Blowers	167-168
Deck Fillers	133-135	Oil Change Equipment	168
Roll Bars	135	Fuel / Water Separators	168
Outboard Engines	136-139	Exhaust Components	168-169
Propellers & Propeller Guard	139	Drain Plugs	169
Outboard Engine Accessories	140-143	Windshield Motors & Arms	170-171
Oils, Valvolines & Additives	144	Marine Horns	171-173
Helms & Steering Systems	144-145	Instruments & Accessories	174
Steering Wheels & Accessories	145-146	Optimist Accessories	174-176
Cable Boots	146-147	Davits	176
Engine Controls & Accessories	147-148	Manual & Electric Winches	177
Engines Control Cables	148	Trailer Accessories	177-179
Impellers	148-155	Trailer Lights & Sockets	179
Sacrificial Anodes	156-158		



ARIMAR has been an Italian manufacturer and a European leader in the production of inflatable boats.

The inflatable boats offer advanced stability, comfort and reliability, always in line with the famous Italian design and great attention to detail.

The folding inflatable boats are made of high-quality materials and feature heat-sealed tubes made of double-coated PVC, guaranteeing a sturdy & durable construction. They are specially designed to occupy the minimum possible space on board. Once deflated, they can be easily stored in a convenient bag for easier transportation. The folding inflatable boats are the best option for those looking for top comfort in a small-sized inflatable boat, without compromising quality and durability.

The rigid hull inflatable boats are the ideal combination of a fiberglass hull and inflatable tubes. They can be used either as tenders or as autonomous ones. The tubes can be made of PVC or Hypalon Neoprene upon request. PVC material covers all the textile parts, protecting them from sunlight and salt. The high quality, durability and excellent Italian design make them the best option even for the most demanding individuals.

ROLL - Folding, with Wooden Slats

THE BEST OPTION FOR A SMALL-SIZED, COMFORTABLE & EASY-TO-HANDLE INFLATABLE BOAT



- Easy transport & storage
- Simple & fast inflation
- Can be transported in a convenient lightweight bag
- Ideal for boats with limited stowage space
- Floor with wooden slats

Code	501412	501413	501414
"ROLL"	ROLL 185	ROLL 210	ROLL 240
Passenger Capacity			
Max. Power (HP)	4	4	5,4
Engine Shaft	S	S	S
Floor	Wooden slats (2)	Wooden slats (3)	Wooden slats (3)
External Dim. (cm)	185 x 155	210 x 155	240 x 160
Internal Dim. (cm)	102,5 x 75	127,5 x 75	154 x 80
Tube Diameter (cm)	40	40	40
Tube Material	PVC	PVC	PVC
CE Category	-	-	-
Compartments	3	3	3
Standard Equipment	Repair kit, couple of oars, inflator, wooden bench, carrying bag		
Weight (kg)*	23,9	27	29,6

* Mass to empty weight. This refers to the boat's mass, only with the floor/wooden slats & the seat already installed.

** Given data subject to tolerances are +/- 2,5% for dimensions, +/- 5% for weight.

SOFT LINE - Folding, with Inflatable Floor

THE MOST POPULAR ONE AMONG OUR FOLDING INFLATABLE BOATS



- Easy-to-transport, stable & comfortable
- With inflatable keel that reproduces the traditional V-shaped hull
- Much lighter compared to others in its category
- High-pressure inflatable floor
- "Easy System" technology for easy folding without removing the floor

Code	501421	501422	501423
"SOFT LINE"	SOFT LINE 210	SOFT LINE 240	SOFT LINE 270
Passenger Capacity			
Max. Power (HP)	4	6	10
Engine Shaft	S	S	S
Floor	Inflatable	Inflatable	Inflatable
External Dim. (cm)	210 x 155	240 x 160	270 x 160
Internal Dim. (cm)	127,5 x 75	154 x 80	170 x 76
Tube Diameter (cm)	40	40	42
Tube Material	PVC	PVC	PVC
CE Category	-	-	D
Compartments	3+1+1	3+1+1	3+1+1
Standard Equipment	Repair kit, couple of oars, inflator, wooden bench, carrying bag		
Weight (kg)*	26,5	29,7	30,9

* Mass to empty weight. This refers to the boat's mass, only with the floor/wooden slats & the seat already installed.

** Given data subject to tolerances are +/- 2,5% for dimensions, +/- 5% for weight.



CLASSIC - Folding, with Aluminium Floor STEADINESS & SAFETY AT THEIR FINEST

Code	501416	501417	501418	501419
"CLASSIC"	CLASSIC 240	CLASSIC 270	CLASSIC 320	CLASSIC 360
Passenger Capacity				
Max. Power (HP)	6	10	15	25
Engine Shaft	S	S	S	S
Floor	Aluminium	Aluminium	Aluminium	Aluminium
External Dim. (cm)	240 x 160	270 x 160	320 x 170	360 x 170
Internal Dim. (cm)	154 x 80	170 x 76	220 x 86	258 x 82
Tube Diameter (cm)	40	42	42	44
Tube Material	PVC	PVC	PVC	PVC
CE Category	-	D	D	C
Compartments	3+1	3+1	3+1	3+1
Standard Equipment	Repair kit, couple of oars, inflator, wooden bench, carrying bag			
Weight (kg)*	41,3	42,4	51,8	58,1

* Mass to empty weight. This refers to the boat's mass, only with the floor/wooden slats & the seat already installed.

** Given data subject to tolerances are +/- 2,5% for dimensions, +/- 5% for weight.



CLASSIC

- Great sturdiness
- Functionality and safety
- With inflatable keel that reproduces the traditional V-shaped hull
- Aluminium floor

HERCULES - with Fiberglass Floor ONE-OF-A-KIND COMFORT & PERFORMANCE

Code	501637	501638	501639	501640
"HERCULES"	HERCULES 200	HERCULES 240	HERCULES 290	HERCULES 310
Passenger Capacity				
Max. Power (HP)	4	5	7	15
Engine Shaft	S	S	S	S
Floor	Fiberglass	Fiberglass	Fiberglass	Fiberglass
External Dim. (cm)	202 x 147	245 x 160	290 x 154	310 x 154
Internal Dim. (cm)	124,5 x 71,5	172 x 70	210 x 70	234 x 70
Tube Diameter (cm)	36	43	43	43
Tube Material	PVC	PVC	PVC	PVC
CE Category	-	-	D	D
Compartments	3	3	3	3
Standard Equipment	Repair kit, couple of oars, inflator, wooden bench			
Weight (kg)*	33,5	46,5	61,5	66,5

* Mass to empty weight. This refers to the boat's mass, only with the floor/wooden slats & the seat already installed.

** Given data subject to tolerances are +/- 2,5% for dimensions, +/- 5% for weight.



HERCULES

- Advanced stability, safety & speed
- Wide space on board
- Can be used either as tender or autonomous one
- The best choice for coastal boat trips
- With fiberglass hull & anti-slip floor

new

Rescue Boat - with Aluminium, Orange IDEAL FOR LIFEGUARD TOWERS & ACADEMIES

Code	501642
"Rescue Boat"	Rescue Boat 330
Passenger Capacity	
Max. Power (HP)	15
Engine Shaft	S
Floor	Aluminium
External Dim. (cm)	330 x 170
Internal Dim. (cm)	230 x 86
Tube Diameter (cm)	42
Tube Material	PVC
CE Category	D
Compartments	3+1
Standard Equipment	Repair kit, couple of oars, inflator, wooden bench, carrying bag
Weight (kg)*	52,9

* Mass to empty weight. This refers to the boat's mass, only with the floor/wooden slats & the seat already installed.

** Given data subject to tolerances are +/- 2,5% for dimensions, +/- 5% for weight.



Rescue Boat

- Orange colour to be easily seen at sea
- Great sturdiness and safety
- Aluminium floor

Flexy

Emergency
NavLights

- 3NM Visibility
- 12 hours battery life
- Easy set up
- Water resistant



**LALIZAS FLEXY EMERGENCY
NavLights Set of 3pcs**

Code | 72663

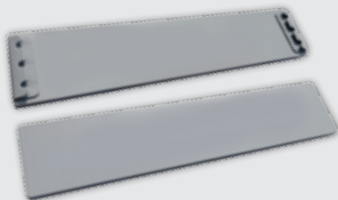


**Suction Base for
LALIZAS FLEXY EMERGENCY
NavLights**

Code | 72665



new



Wooden Bench

Code	Compatible with
501981	ROLL 185 210 / SOFT LINE 210
501982	ROLL 240 / SOFT LINE 240 CLASSIC 240 / HERCULES 240
501983	SOFT LINE 270 / CLASSIC 270
501984	CLASSIC 320 / Rescue Boat 330
501985	CLASSIC 360



Aluminium Flooring

Code	Compatible with
501976	CLASSIC 240
501977	CLASSIC 270
501978	CLASSIC 320
501979	Rescue Boat 330
501980	CLASSIC 360



Inflatable Flooring

Code	Compatible with
501973	SOFT LINE 210
501974	SOFT LINE 240
501975	SOFT LINE 270

ARIMAR

new

Rope Holder for Inflatable Boat

Code	Colour	Dimensions (mm)	Compatible with
74703	Grey	100 x 70 x 32,5	ROLL 185 210 240 SOFT LINE 210 240 270 CLASSIC 240 270 320 360

Paddle Holder for Inflatable Boat

Code	Colour	Dimensions (mm)	Compatible with
74704	Grey	100 x 70 x 57,5	ROLL 185 210 240 SOFT LINE 210 240 270 CLASSIC 240 270 320 360



**Heavy Duty Handle for
Inflatable Boat, 220x90mm,
Grey**

Code | 74448



**Rowlock Socket
with Metal Pin, Grey**

Code | 74447



End Block, Grey

Code | 198202



**Inflating Adaptor
for Valve**

Code | 98970



**Rowlock Socket for
Inflatable Boat, Grey**

Code | 57333



**Handle for Inflatable Boat
24x9,5cm, Grey**

Code | 57332



Footpump

Code	11498	50952
Liters	3	5

Key for Valves



Code | 98789

SEA PUMP



Drain Socket with Plug

Code	Specifications	Colour	Flange Dimensions (mm)	Overall Height (mm)	Height of Socket (mm)	Cut-out Diameter (mm)	Depth Below Deck (mm)	Mini Internal Diameter (mm)
16688	Plain	White	48 x 36	28	19,5	27	15	19
16689	With 2 holes	White	48 x 36	28	19,5	27	15	19
43462	With captive plug	White	54 x 33	55	25	27	20	19
43463	With captive plug	Black	54 x 33	55	25	27	20	19
95781	With captive plug	White	60 x 30	52	23	27	18	19
95782	With captive plug	Black	60 x 30	52	23	27	18	19
43468	With captive plug	White	Ø 40	55	25	27	20	19
43469	With captive plug	Black	Ø 40	55	25	27	20	19
43478	With 4 holes	Black	Ø 43	38	27	25	22	16,5
43477	With 4 holes	White	Ø 43					
16691	With captive plug	White	Ø 46	63	27	28	21	19
16690	Plain	White	Ø 48	76	66	28	62	19
16797	"Fast Lock"	White	Ø 43	107	96	27	91	19



Non-return Drain Valve Set, with Plug for 25mm Transom, Grey

Code | 74449



Buoyancy Tank Drain Socket with Captive Plug

Internal diam.: 18 mm
External diam.: 23 mm

Code | 16687



Captive Plug with O-Ring for Drain Socket

Code	Colour
45276	White
45277	Black



Plug for Drain Socket, White

Code | 16713



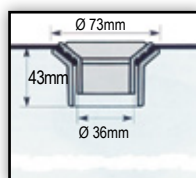
Hook for Inflatable Boat Cover

Rope or shock cord 8 mm max.
Length 40 x height 40 mm

Code	Colour
28112	Black
44015	White
44016	Grey



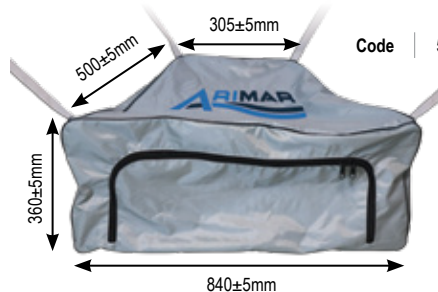
Inflating Valve Standard



Code	98788	98966
Colour	Black	Grey



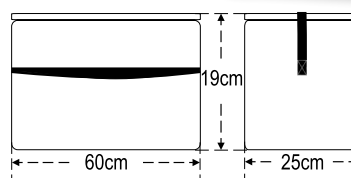
Bow Bag for Inflatable Boats, Grey



Code | 501813

Under Seat Storage Bag Ténéré Sit & Store

The under seat storage bag provides you with the extra storage space that is so necessary on any boat. It is made of PVC Tarpulin and has been designed to fit to any seat. It also features a shoulder strap which allows you to carry the bag when you leave the boat. The top of the bag is padded to "soften the ride" on the wooden seat. It is water resistant, while the waterproof zipper keeps the storage area dry. It is available in grey colour.



Code | 70895

Inflatable Boat Accessories

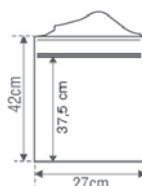


Dry Briefcase

LALIZAS Dry Briefcase has been designed especially for the protection of your boat's documents. Made of durable vinyl, it has clear front panel, which allows you to see the content of the bag. Furthermore each dry briefcase has a lanyard loop. The Dry Briefcase has the advantage of floating in the water, depending, however, on the air captured and the weight of the contents. It features a 100% waterproof seal with velcro.

The ultimate protection for your boat's documents

The dimensions shown are when the bag is empty.



Code | 10450

Boat Mover, 200mm with Pneumatic Wheels



- Overall Length: 570 mm
- With 8" pneumatic wheels
- Max load of the tires: 80k

Code | 99585



Repair Kit for Inflatable Boats

It includes:

- PVC Fabric, 2pcs: 150x200mm grey & 150x200mm white
- Neoprene Fabric, 1pc: 150x200mm black
- Glue tube 20gr
- Key for valves

Code | 74705

Repair Kit for Neoprene/Rubber Fabrics



Package includes:

- Cleaner - 30ml
- Hardener/Cross linker - 15ml
- Primer G.O. - 30ml
- Glue (PO 40) - 100ml
- Fabric (neoprene polyester 10x30cm)
- Brush

Application for

- Liferafts
- Tender boats
- Fenders
- Other neoprene & rubber products

Code | 72437

Repair Kit for TPU/PVC/EVA Fabrics



Package includes:

- Cleaner - 30ml
- Hardener/Cross linker - 15ml
- Glue (PO 40) - 100ml
- Fabric (Nylon TPU 10x30cm & PVC 10x30cm)
- Brush

Application for

- Liferafts
- Tender boats
- Inflatable fenders
- Other TPU, PVC & EVA products

Code | 72436



Paddles & Spare Parts

Palm Grip Paddles

Quality aluminum paddles suitable for tenders, canoes and rowing boats. Made of a marine grade aluminum shaft and virtually indestructible polypropylene handle, collars and blades. Special design features include a grab-handle at the end of each blade to aid recovery of a person in the water. Spare blades, collars, handles and rowlocks are available to maintain and extend the life of these products.



Paddle with Removable Blade, Grey

50992
50994



Paddle with Removable Blade, Black

50993
50995

Code	Length (cm)	Diameter (mm)
50992	140	35
50994	150	
50993	140	
50995	150	



Paddle with Removable Blade, Grey

Code	Length (cm)	Diameter (mm)
74585	144,5	35
74586	154,5	
74587	174,5	

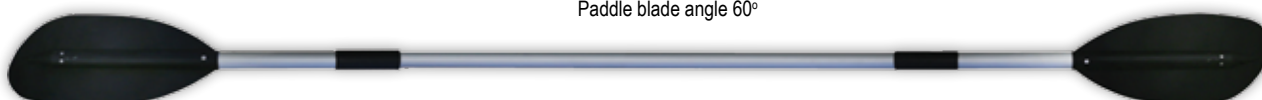


Buoyant Paddle for Liferafts, Black

Code	Length (cm)	Diameter (mm)
71851	51,5-76,5	25

Double Paddle, Black

Paddle blade angle 60°

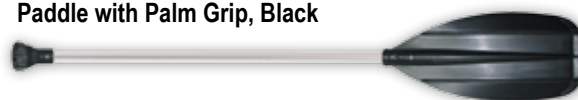


Code	Length (cm)	Diameter (mm)
72198	200	30



Code	Length (cm)	Diameter (mm)
50190	105	25
50200	120	

Paddle with Palm Grip, Black



Code	Length (cm)	Diameter (mm)
50220	135	35
50240	155	

Heavy-duty Paddle with Palm Grip, Black



Code	Length (cm)	Diameter (mm)
50210	130	25
50230	150	

Standard Paddle, Black



Code	Length (cm)	Diameter (mm)
50250	160	35
50290	205	
50270	185	
50300	220	

Paddle, Black



Code	Length (cm)	Diameter (mm)
50260	165	25

Paddle with Hook, Black



Code	Length (cm)	Diameter (mm)
50280	200	25

Paddle blade angle 60°

Kayak Double Paddle, Black



Code	Length (cm)	Diameter (mm)
57207	156-225	30
57347	122-169	

Telescopic Paddle with Hook, Black



Code	Length (cm)	Diameter (mm)
50310	230	30

Paddle blade angle 60°

Canoe Paddle, Black



Code	Length (cm)	Diameter (mm)
44347	141	30

Paddle Jointed with Double Hook, Black



Code	Length (cm)	Diameter (mm)
44367	160	35

Paddle Jointed for Inflatable Boat, Black



Paddle Jointed with Collar for Inflatable Boat, Black



Code	Length (cm)	Diameter (mm)
44361	188	35

Kayak Dismountable Paddle, Black



Paddle blade angle 90°

Code	Length (cm)	Diameter (mm)
44343	220	30

Paddle with Double Hook, Black



Code	Length (cm)	Diameter (mm)
44346	140	30

Paddle Telescopic with Double Hook, Black



Code	Length (cm)	Diameter (mm)
44348	143 - 195	30

Paddle Telescopic with Double Hook, Grey



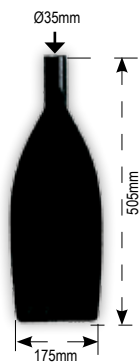
Code	Length (cm)	Diameter (mm)
44349	156 - 203	30
44350	104 - 130	30

Paddle Blade, Ø30mm, 182gr, Black



Code | 02495

Paddle Blade, Ø35mm, 385gr, Black



Code | 00842

Paddle Blade, Ø30mm, 290gr, Black



Code | 50000

Paddle Blade, Ø25mm, 255gr, Black



Code | 00632

Handle for Large Paddle 50220 Ø 35mm



Code | 00843

Palm Grip, Ø 25mm



Code | 00633

Handle, Ø25mm, Black



Code | 50908

Handle, Ø20mm, Black



Code | 50100

Handle, Ø35mm, Black



Code | 50110

Oar Collar Ø35mm, Black

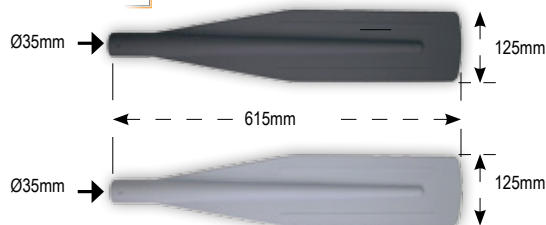


Code | 195578



Paddle End Cap, Int. Ø35mm, Black

Code | 44085



**Blade for Paddles
(50992-50995)**

Code	51000	51001
Colour	Grey	Black

Spring Clip



Code | 50530

- For flat surface mounting
- Screws are not included in the package
- Holder free inner Ø 38 mm (can fit equipment with Ø up to 47 mm)
- LALIZAS Lifebuoy Lights 196482 (STELLA) & 70030 can be fitted

new

Paddle Holder for Inflatable Boat



Code	Colour	Dimensions (mm)	Compatible with
74704	Grey	100 x 70 x 57,5	ROLL 185 210 240 SOFT LINE 210 240 270 CLASSIC 240 270 320 360

Rowlock Socket with Metal Pin, Grey

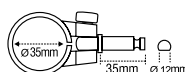
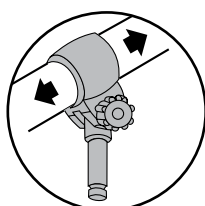


Code | 74447



**Oar Lock with Metal Pin
Ø 35mm**

Code	50996	50997
Colour	Grey	Black



Rowlock Socket for Inflatable Boat, Grey

Code | 57333



Double Hook, Plastic with Thread, Ø30mm, Black

Code | 44243



Hook, Ø25mm, Black

Code | 50180



Female Hook with Double End, Plastic

Code	Int. Ø (mm)	Colour
44249	25	Black
44246	30	



Oar Collar, Plastic

Made of heavy duty flexible PVC.
For easier fitting, submerge the collar in soapy water.

Code	Diameter (mm)
16543	32
16544	36
16545	45



Oar Collar, Plastic

Code	Diameter (mm)	Height (mm)
44175	35	45
44176	40	45
44177	45	55
44178	50	55
44180	55	63

Plastic Support Clip, Screwed



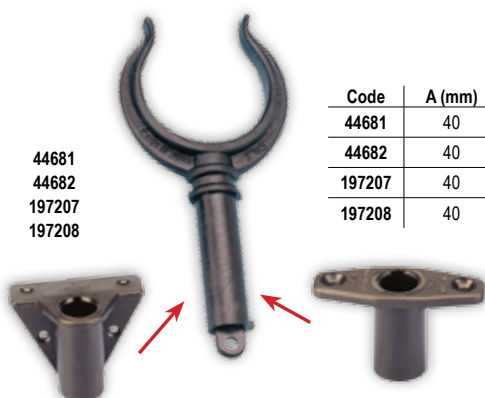
Code	Diameter (mm)	Colour	Code	Diameter (mm)	Colour
45191	15	White	45215	35	White
45192		Black	45216		Black
45197	20	White	45235	40	White
45198		Black	45236		Black
45203	25	White	45241	45	White
45204		Black	45242		Black
45209	30	White			
45210		Black			

Plastic Support Clip



Code	Diameter (mm)
16702	16
16705	19
16703	25
16704	30
16707	50

Paddles & Spare Parts



44681
44682
197207
197208

Oarlock Polyamide

Code	A (mm)	Ø B (mm)	C (mm)	Ø D (mm)	Colour
44681	40	53	55	17	Black
44682	40	57			
197207	40	53			White
197208	40	57			

Oarlock Socket

Code	Description	Colour
43588	Top-mount	Black
43587	Side-mount	
197210	Top-mount	White
197209	Side-mount	



Rowlock with Holder,
Inox 316,
Ø16mm, L.: 180mm

Code | 70632

Inflation Pumps & Accessories



Electric Double Action Air Pump

- Lightweight & comfortable grip
- Quiet operation
- Suitable for inflatable boats, air mattresses, pool floats etc.
- Ability of inflation & deflation

Code	198136
Input	100-240 V AC 50/60 Hz or DC 12 V
Output	400 lt/min
Maximum pressure	40 mbar (0,55 psi)
Function	Inflate / Deflate



Equipped with
3 size nozzles



Ability to connect to a
cigarette lighter plug
(1.25 m cable)



Comes with
European charger



Electric Boat Inflator, 12V, 300 mbar, 450 lt/min

- Adjustable pressure up to 300 mbar / 4,4psi
- Low consumption: max 18A – 12V
- No need for special cable, a usual cigarette lighter is enough



Code | 90017

Hand Pump, Double Action, High Pressure, with Manometer



Code | 74622

- Easy-to-use, high-output hand pump
- Allows you to inflate all kinds of inflatable products faster and with less effort than any other pump in the market, thanks to its unique design
- The double action minimizes the inflation time in half
- It features an ergonomic handle, an enlarged base for maximum stability, a built-in pressure gauge and a protective filter
- The inflation port on the pump's body allows the hose to remain stable during use

Capacity: 2 x 1500 cc
Max pressure: 1,9 bar (27,5 psi)
Inflate mode: Double or single action
Inflate-deflate: Inflate only
Dimensions: 14 x 30 x 57 mm
Construction: ABS + Aluminium
Suitable for kite, sup, boats, kayaks, all inflatables



Inflation fittings are
available for most
common valves in
the market



Kite-lead included



Foot Pump with Double Chamber

With this foot pump, the inflation to the recommended pressure of all fabric or rubberized boats, can easily be achieved with very limited effort.

Code	90004
Liters	5,5



Footpump

Code	11498	50952
Liters	3	5



Double Action Hand/Floor Pump

The Double Action Hand/Floor Pump is practical and highly effective, ideal for inflating dinghies, ski tubes, air mattresses, plus many more inflatable products. To inflate or deflate simply fasten the air tube to the appropriate connection ("Inflate" or "Deflate") and pump with steady up and down strokes. The pump also features an adjustable pressure release valve that allows you to inflate, either easily on the down stroke only (2,1Lt per stroke) or faster on both the up & down stroke (4,2Lt per stroke). It is supplied complete with a flexible air tube with 4 sizes of adaptor nozzles and a kit of 6 adaptors (also sold separately). Large comfortable handles give better grip and foot plates provide stability during pumping. Made of strong, non-corrosive, lightweight, plastic for longer life, and with easy maintenance. It comes in grey colour.

- Ideal for use with large inflatables boats
- Continuous stream - pumps air on both the up and down stroke
- Simple push-in hose-to-pump connection to inflate or deflates
- Disassembles easily for inspection or maintenance

Easy disassembly for inspection or maintenance

Adjustable pressure release valve

Made of lightweight, non-corrosive plastic

Foot rest

Comes with large, non-link hose and 4 sizes of interchangeable connecting nozzles and a multi-valve adaptor

Large handle

Code | 10230



Multi-Valve Adaptor

Code | 10231



Key for Valves

Code | 98789



Inflating Adaptor for Valve

Code | 98970



Gauge Meter

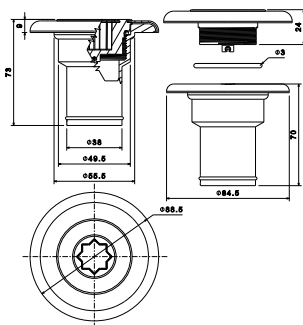
Code | 90090

Deck Fillers



INOX Deck Filler Ø38mm

Nuova Rade Inox Deck Fillers with Cap are suitable for fuel, fresh water or waste. The use is easily indicated by the colour of the cap: blue for fresh water, red for fuel and brown for waste. The main body is made of reinforced PA. The cap is made of Inox 316 and reinforced PA for endurance and extra durability in the marine environment. The cap features a lanyard in order not to be lost or fall into the water. These deck fillers have a tight fitting, as they can be secured with the use of a winch handle.



Code	Model	Diameter (mm)
198158	Water	38
198159	Fuel	
198160	Waste Water	



Deck Filler Ø38mm Inox, with Vent 16mm

Deck Filler with vent is made of Inox. Depending on the use, you can choose the Deck Filler either for gas or water. The indication of use is shown at the top of the Deck Filler. It combines stylish design and complete sturdiness, and it is designed to fit easily on the deck. Nuova Rade Deck Fillers are available in Ø38 mm with a vent of Ø16 mm.



Code	74326	74327
For use	Gas	Water

Deck Fillers for Gas, Diesel, Water & Waste

The Deck Filler range includes deck fillers suitable for water, fuel and waste. They are designed in such a way that the full lid area is totally covered, which makes the final look much more attractive. Each deck filler can have a different function, which will always be clear - by using the relevant sticker (water, fuel, waste) included in each filler's packaging. They are made of highly resistant plastic and in 38mm and 50mm diameter. Available option with a chrome plated cap.



Deck Filler with Chrome Plated Cap

Code	70594	70595
Tube Diam.	38mm (1-1/2")	50mm(2")



Deck Filler with Cap

Code	99567	99568
Tube Diam.	38mm (1-1/2")	50mm(2")



38 (1-1/2")



50 (2")

Hose diam. D1 (mm/inch)	H (mm)	H1 (mm)	diam. D (mm)	Cut out D2 (mm)
38 (1-1/2")	84	66	92	55
50 (2")				

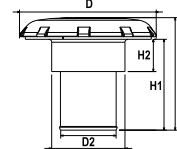
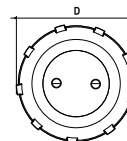
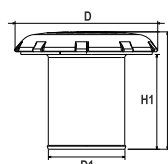


Deck Filler, Glass Reinforced PA

Construction in 2 materials to combine sturdiness, lightweight and stylish design:

- Deck filler's body in glass reinforced nylon
- Cap in 316 L Inox
- Open with dual imprint key or manually thanks to finger-grip cap; the type of the liquid included (fuel, diesel, water) is written on the cap

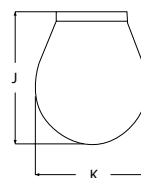
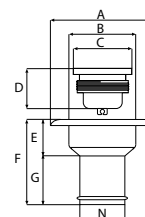
Code	Model	Hose diam. (mm/inch)	H (mm)	H1 (mm)	H2 (mm)	Diam. D (mm)	Diam. D1 (mm)	Diam. D2 (mm)	
197206	Water	38 / 1 1/2"	77	62	22	94	50	38	
197203	Fuel	50 / 2"			-			-	-
197205	Diesel								



Plastic Deck Filler, Flip Top

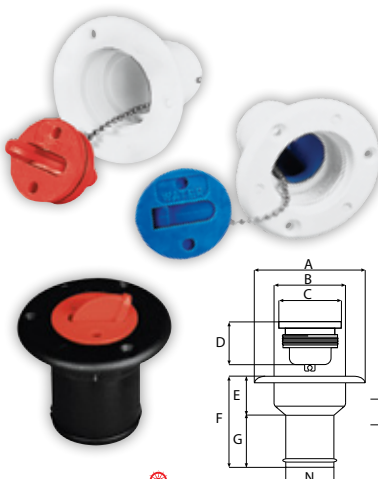


Code	Model	Hose Ø (mm)
196275	Water	38 (1½")
196265	Fuel	38 (1½")
196266		51 (2")
196267	Diesel	38 (1½")
196268		51 (2")



	A (mm)	Ø B (mm)	Ø C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø N (mm)	K (mm)	J (mm)
Ø 38	80x93	55	48	33	26	72	46	38	84	98
Ø 51	80x93	55	48	33	26	72	46	51	84	98

Plastic Deck Filler



Code	Model	Hose Ø (mm)	Colour
45298	Water	38 (1½")	White
47618			Cream
45299			Black
35011	Fuel	38 (1½")	White
50311			Cream
45282		51 (2")	White
45283			Black

	A (mm)	Ø B (mm)	Ø C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø N (mm)
Ø 38	85	55	48	33	26	72	46	38
Ø 51	85	55	48	33	26	72	46	51



Spare Deck Filler Cap with Chain for Fuel

Code | 195015

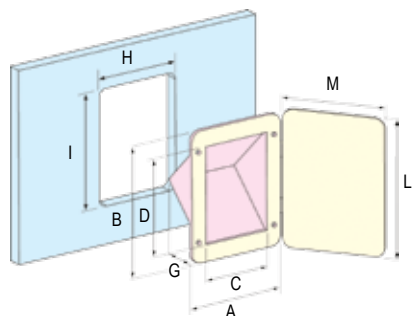


Spare Deck Filler Cap with Chain for Water

Code | 195016



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	115	155



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
145	191	110	155	80	115	155	200	165

Case with Deck Filler

Made of plastic material, while incorporating a deck filler of Ø38mm

Code	Use	Hose Ø (mm)	Colour
44306	Water	38	White
50023	Fuel		
50025	Diesel	38	Cream
50024	Fuel		

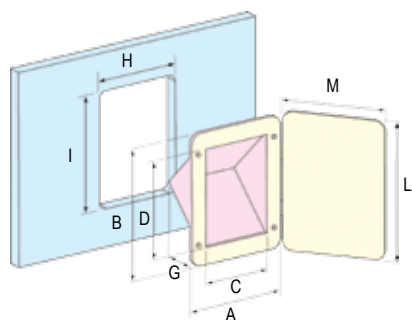
Case with Deck Filler and Lid

The body is made of PA and the lid is made of ASA.

Code	Use	Hose Ø (mm)	Colour
196419	Water	38	White
196417	Fuel		
196418	Diesel	50	
196415	Fuel		



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	115	155



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
145	191	110	155	80	115	155	200	165

Case for Deck Filler

Made of PA material.

Code	Colour
44302	White
647442	Cream

Case for Deck Filler with Lid

The body of the product is made of PA and the lid is made of ASA.

Code	Colour
196414	White



Roll Bars



Roll Bar for Inflatable Boats, Inox 316

Height: 1120mm
Diameter: 40mm
Width: 1560-2060mm

Code | 70635

Roll Bars

Made of very strong 40mm polished Inox 316 tubes. They feature a telescopic adjustment in width. The product code 70635 has welded Inox pads on the sights for navigation lights or antennas mounting.



Roll Bar for Fibreglass Boats, Inox 316

Height: 1160mm
Diameter: 40mm
Width: 1650-2150mm

Code | 70636



HIDEA is a leading manufacturer of high-quality outboard motors, ranging from 2.5 to 115 HP 4-stroke engines, providing sea enthusiasts with new ways of easily exploring the water horizons.

Either for fishing adventures, daily cruises, water sports or just for relaxing, HIDEA offers various outboard engines to cover diverse lifestyle needs. In addition, choices vary according to control system (tiller or remote control), starting system (manual or electric with the revolutionary internal battery), fuel supply system (carbureted or EFI-Electronic Fuel Injection), shaft (short or long), and many more. With quiet operation and high corrosion resistance, HIDEA engines are the ideal solution for your summer excursions, even in the most demanding conditions.

***HIDEA motors come with warranty:
3 years for leisure use & 1 year for professional use.***

Full service & after sales support in Greece, Cyprus, Croatia, Montenegro, Bosnia-Herzegovina, Serbia, Slovenia, Albania, North Macedonia & South Africa.

LIGHTWEIGHT & PORTABLE

- Ideal for mini excursions
- Built to last
- Six layers of paint, good corrosion resistance
- 360° steering (2.5 HP)



Combine with
Hidea oil
page 144

Model	2.5 HP	5 HP		6 HP	
	HDF2.5HS	HDF5HS	HDF5HL	HDF6HS	HDF6HL
Code	73689	73690	73691	73692	73693
Cylinder(s)	1				
Max.output (KW)	1.8	3.6		4.4	
Max. RPM Range	5250-5750	4500-5500			
Shaft	Short		Long	Short	Long
Displacement (cc)	72	112		139	
Bore x Stroke (mm)	54 x 31.5	59 x 41		62 x 46	
Weight (kg)	17	22	23	27	28
Gear Ratio	27:13 (2.08)				
Gear Shift Position	F-N	F-N-R			
Ignition	TCI				
Cooling	Water-cooling				
Starting System	Manual				
Control System	Tiller				
Fuel Consumption (L/H)	1.1 (5500r/min)	1.6 (5500r/m)		2.1 (5000r/m)	
Fuel Capacity (L)	0.9 (built-in fuel tank)	1.1 (built-in fuel tank)		1.1 (built-in fuel tank) & 12 (external fuel tank, included in the package)	

HIDEA

ULTIMATE EFFICIENCY

- Ideal for medium size tenders, RIBs or fishing boats
- Revolutionary design with internal battery for electric start
- Low noise levels
- Six layers of paint, good corrosion resistance

9.9 HP - 15 HP - 20 HP

Model	9.9 HP				
	HDF9.9HS	HDF9.9HL	HDF9.9HES-IB	HDF9.9HEL-IB	HDF9.9FEL
Code	73694	73695	73705	73696	42559*
Cylinder(s)	2				
Max.output (KW)	7.2				
Max. RPM Range	4500-5500				
Shaft	Short	Long	Short	Long	
Displacement (cc)	212				
Bore x Stroke (mm)	56 x 43				
Weight (kg)	41.6	43	41.6	43	43
Gear Ratio	27:13 (2.08)				
Gear Shift Position	F-N-R				
Starting System	Manual		Manual & Electric with internal battery		Manual & Electric
Ignition	CDI				
Cooling	Water-Cooling				
Control System	Tiller				Remote control
Fuel Consumption (L/H)	4.0 (5500r/min)				
Fuel Capacity (L)	12 (external fuel tank, included in the package)				

Model	15 HP				
	HDF15HS	HDF15HL	HDF15HES-IB	HDF15HEL-IB	HDF15FEL
Code	73697	73698	73706	73699	42560*
Cylinder(s)	2				
Max.output (KW)	11				
Max. RPM Range	4500-5500				
Shaft	Short	Long	Short	Long	
Displacement (cc)	345				
Bore x Stroke (mm)	61 x 59				
Weight (kg)	53.4	54.4	53.4	54.4	54.4
Gear Ratio	27:13 (2.08)				
Gear Shift Position	F-N-R				
Ignition	CDI				
Cooling	Water-Cooling				
Starting System	Manual		Manual & Electric with internal battery		Manual & Electric
Control System	Tiller				Remote control
Fuel Consumption (L/H)	7.0 (5500r/min)				
Fuel Capacity (L)	12 (external fuel tank, included in the package)				

HIDEA 35 HP advanced outboard engine is also available (code: 75047).

Model	20 HP					
	HDF20HS	HDF20HL	HDF20HES	HDF20HEL	HDF20FES	HDF20FEL
Code	74521	74522	73707	73700	73708*	73701*
Cylinder(s)	2					
Max.output (KW)	14.7					
Max. RPM Range	4500-5500					
Shaft	Short	Long	Short	Long	Short	Long
Displacement (cc)	345					
Bore x Stroke (mm)	61 x 59					
Weight (kg)	53.4	54.4	53.4	54.4	53.4	54.4
Gear Ratio	27:13 (2.08)					
Gear Shift Position	F-N-R					
Ignition	CDI					
Cooling	Water-Cooling					
Starting System	Manual		Manual & Electric			
Control System	Tiller				Remote control	
Fuel Consumption (L/H)	6.8 (5000r/min)					
Fuel Capacity (L)	12 (external fuel tank, included in the package)					

*With remote control box, steering wheel, steering mechanism, steering cable (3.3 m) & engine control cable (throttle/gear) (2 x 3.3 m) & tool bag with some spare parts (fuses, spark plug, impeller etc.).

Combine with
Hidea oil
page 144

Boats, Engines & Accessories

RELIABILITY & PERFORMANCE



30 HP - 40 HP

- Ideal choice for many different uses, for boats 4-6 meters
- EFI (Electronic Fuel Injection) Technology for optimum fuel ratios
- Linear power output
- High efficiency & low noise levels
- Six layers of paint, good corrosion resistance

- 30 HP – Optional: instruments (tachometer)

- 40 HP – Standard with analog/digital instrument (RPM, speedometer, w/ battery charging & working hours data)

Model	30 HP HDEF30FEL-T S	40 HP HDEF40FEL-T
Code	74884	73703
Cylinder(s)	3	
Max.output (kW)	22	29.4
Max. RPM Range	5000-5800	
Shaft	Long	
Displacement (cc)	747	
Bore x Stroke (mm)	65 x 75	
Weight (kg)	103	
Gear Ration	26:13 (2.0)	
Gear Shift Position	F-N-R	
Ignition	ECM	
Cooling	Water-cooling	
Starting System	Electric	
Control System	Remote Control	
Fuel Consumption (L/H)	10.5 (5500r/min)	
Fuel Capacity (L)	24 (external fuel tank, included in the package)	
Power Trim	✓	

HIDEA 30 HP advanced outboard engine is also available (code: 74287).

Combine with
Hidea oil
page 144



THE ULTIMATE “ALL AROUND” OUTBOARD ENGINE

60 HP

- Ideal choice for leisure & semi-professional use
- EFI (Electronic Fuel Injection) Technology for optimum fuel ratios
- Ultimate efficiency
- Comes as standard with remote control, electric start, trim & tilt system and digital instruments
- Six layers of paint, good corrosion resistance

Model	60 HP HDEF60FEL-T
Code	73704
Cylinder(s)	4
Max.output (kW)	44.1
Max. RPM Range	5000-5800
Shaft	Long
Displacement (cc)	996
Bore x Stroke (mm)	65 x 75
Weight (kg)	124
Gear Ration	24:13 (1:1.85) / 28:12 (1:2.33)
Gear Shift Position	F-N-R
Ignition	ECM
Cooling	Water-cooling
Starting System	Electric
Control System	Remote control
Fuel Consumption (L/H)	19.5 (5500r/min)
Fuel Capacity (L)	24 (external fuel tank, included in the package)
Power Trim	✓



new



ADVANCED TECHNOLOGY & HIGH PERFORMANCE

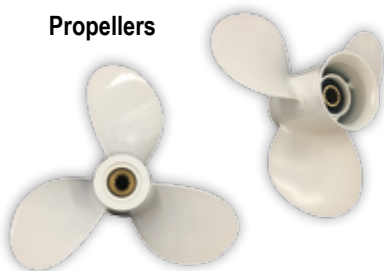
115 HP

- Ideal choice for leisure & professional use
- EFI (Electronic Fuel Injection) Technology for optimum fuel ratios
- Drive-by-wire technology, instant throttle response, improved performance & high fuel economy
- Comes as standard with remote control, electric start, trim & tilt system and digital instruments

Model	115 HP
	HDEF115FEL-T
Code	74978
Cylinder(s)	4
Max.output (kW)	84.6
Max. RPM Range	5000-60000
Shaft	Long
Displacement (cc)	1832
Bore x Stroke (mm)	81 x 89
Weight (kg)	180
Gear Ration	28:13 (2.15)
Gear Shift Position	F-N-R
Ignition	ECM
Cooling	Water-cooling
Starting System	Electric
Control System	Remote control
Fuel Consumption (L/H)	38L/H
Fuel Capacity (L)	24 (external fuel tank, included in the package)
Power Trim	✓

Propellers & Propeller Guard

Propellers

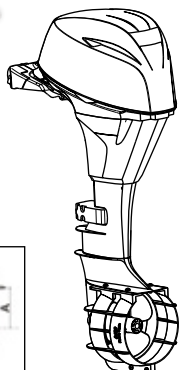
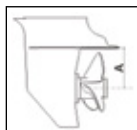
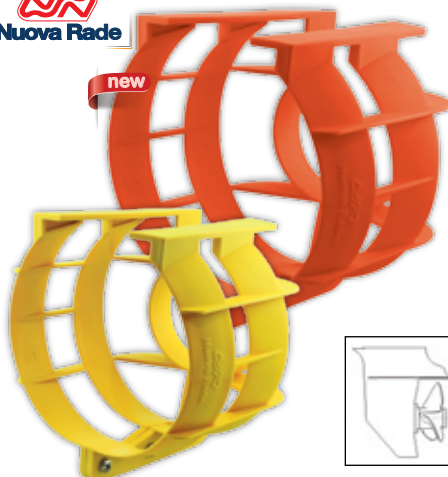


Code	Model	For outboard engine
73858	7 1/2 x 7 BA	Hidea/Yamaha 4/5 HP
73921	7 1/2 x 8 BA	Hidea/Yamaha 6 HP
73813	7 1/4 x 6 BS	Hidea/Yamaha 2.5 HP
74270	8 1/2 x 7 1/2 N	Yamaha 6-8 HP
73977	8 1/2 x 8 1/2 N	Hidea/Yamaha 8/9.9 HP
74272	9 1/4 x 10 J1	Yamaha 9.9-15 HP
74028	9 1/4 x 11 J1	Hidea/Yamaha 15/20 HP
74271	9 1/4 x 9 3/4 J	Yamaha 9.9-15 HP
74273	9 7/8 x 11 1/4 F	Yamaha 25-30 HP
74101	9 7/8 x 12 F	Hidea/Yamaha 30 HP
74274	9 7/8 x 13 F	Yamaha 25-30 HP

Code	Model	For outboard engine
74156	11 1/8 x 13 G	Hidea/Yamaha 40 HP
74276	11 3/8 x 12 G	Yamaha 40-60 HP
74275	11 5/8 x 11 G	Yamaha 40-60 HP
new 74945	14 x 11 K	Hidea 60 HP
74277	13 1/2 x 15 K	Yamaha 60-140 HP
74278	13 1/4 x 17 K	Yamaha 60-140 HP
74282	13 3/4 x 21 M	Yamaha 150-300 HP
74222	13 5/8 x 13 K	Hidea/Yamaha 60 HP
74279	13 x 19 K	Yamaha 60-140 HP
74280	14 1/2 x 17 M	Yamaha 150-300 HP
74281	14 x 19 M	Yamaha 150-300 HP



new



Propeller Guard, Plastic

Propeller Guard is a smart consideration and safeguard for your outboard. The installation will greatly reduce the possibility of human and marine life injuries due to the propeller blades and will also protect the propeller from nets and ropes. You will not have to worry about propeller maintenance and safety anymore.

Additionally, a propeller guard can reduce fuel consumption, so that you save on gas and, at the same time, it improves handling and stability, for a more enjoyable time on your boat. This is because the guard is made to surround the propeller in such a way that it moves the water with a more accurately directed force. Finally, the guard does not contain moving parts, so its maintenance is minimal. Having fast & easy installation, it enhances safety on board. Made of reinforced polypropylene.

Available option for most 9-25 HP engines with max. propeller Ø21,6cm, as well as for 25-35 HP engines with max. propeller Ø28cm.

It is ideal for rescue boats and yachts that might sail on waters with many bathers, while it is available in yellow & orange colour (based on the product code).

Note that the necessary bolts, nuts & washers are included in the package.

Code	Propeller Size	HP	A (mm)	Color
198165	9" (23mm)	9-25	110-140	Yellow
198232	11" (29mm)	25-35	145-165	Orange

new



Fire Port, Plastic, Ø80,5mm

It is used to discharge a fire extinguisher into an enclosed area when a fire has broken out, preventing the entrance of oxygen and minimising the risk of human injury. It can also be used to access the engine box with an extinguisher without opening the box.

- Made of white PA
- Hole closed with a PVC flap
- Can be easily installed, by using 4 countersunk recessed head screws
- External Ø: 80,5mm
- Internal Ø: 48mm

Code | 198237



Transom Pad

Code	Colour	Length (mm)	Height (mm)
74445	Black	300	120
74446	Grey		



Transom Pad

Code	Colour	Length (mm)	Height (mm)
74443	Black	270	180
74444	Grey		



Transom Pad

Code	Colour	Length (mm)	Height (mm)	Thickness (mm)
45343	Black	230	86	7
45341	White			
45342	Grey			
45339	Black	270	98	8
45337	White			
45338	Grey			



Transom Pad

Code	Colour	Length (mm)	Height (mm)	Thickness (mm)
45331	Black	300	220	7
45329	White			
45330	Grey			
45335	Black	450	360	
45333	White			
45334	Grey			



Transom Pad Reinforced

Rigid non-slip plastic. Prevents outboard clamps from damaging the transom.

Dimensions: 250 x 90 mm, Thickness: 10mm

Code | 16943



Transom Pad Tilted

Code	Colour	Length (mm)	Height (mm)	Thickness (mm)
195139	Black	450	360	5-19
195136	White			
195138	Grey			



Transom Pad with Cleft

Code	Colour	Length (mm)	Height (mm)	Thickness (mm)
45327	Black	450	360	6,5
45324	White			
45326	Grey			



Transom Pad

It offers protection against outboard clamp damage for most sizes of transoms. This pad is made of rigid UV stabilized polypropylene, with a non-slip surface for secure engine mounting.

Code	10314	72032	72033
Colour	White	Grey	Black
Dimensions (mm)	320 x 220		
Thickness (mm)	6,4		



Engine Cover

SEA COVER Engine Covers are ideal for the protection against water, sun and dust. They are made of extra strong polyester 420D, 0,15mm thick for maximum water resistance and UV protection. They are suitable for most types of outboard engines, from 2 to 300hp and are available in two different types. There are the covers suitable only for the top part of the engine (not the shaft) and feature an elastic cord all around for ideal fit to most types of outboard engines.

Additionally, there are the full body covers, which feature an elastic cord and a zipper, so as to ensure the best possible engine's protection, including its shaft. You can find 7 different sizes of the covers for the top part of the engine and 3 different sizes for the full body covers. All come in silver colour. The tables below show the different sizes of the covers. The dimensions refer to the length, the width and the height of the cover (Drawing 1). The horsepower given is approximate and it is not the only factor that should be taken into consideration when choosing your cover. The type of the engine (2 stroke, 4 stroke), the length of the throttle grip, the brand of your motor and its production date should also affect your choice, as they differentiate the size of the engine.

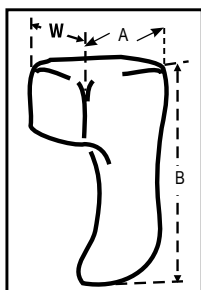


Full Body Engine Cover

Code	57329	57330	57331
H.P (Approximate)	2,5-10	8-70	70-150
A (cm)	75	87	125
B (cm)	125	157	210



To choose the most suitable full-body cover for your engine, you should measure the engine's height (B) as well as its width (W).

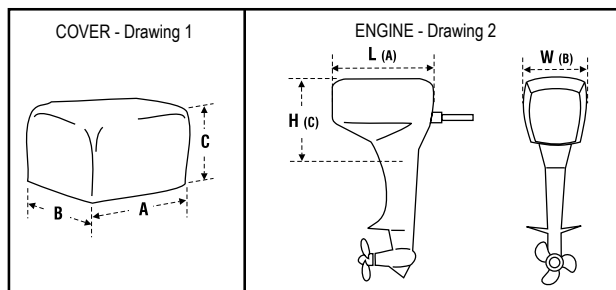


In order to calculate correctly the maximum height that the appropriate cover should have, you should deduct from the engine's height (B) half of its width (W). For instance, if the height (B) of your engine is 210cm and its width (W) is 50cm, then the cover that you need should be 185cm (210cm-25cm) high. Therefore, in this case, the correct cover is cover 57331, which is 210cm high, as indicated in the relevant table.

Cover for the Top Part of the Engine

Code	57269	57270	57271	57272	57273	57274	57275
H.P (Approximate)	2-5	2-15	10-45	30-90	70-150	115-225	150-300
A (cm)	40	46	55	63	73	75	90
B (cm)	25	27	33	35	40	45	60
C (cm)	32	35	45	50	65	75	80

To choose the most suitable cover for the top part of your engine, measure it as shown in the Drawing 2 and determine the dimensions that more closely match your model.



*When calculating the height of the engine you should also include a part of the shaft, as shown in Drawing 2, in order to ensure that the engine will be covered completely underneath (apart from the shaft).



Tiller Extension for Outboard Engine

Code	Length (cm)
27117	65
27118	100
27119	80-111 Telescopic



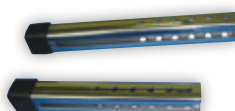
Engine Starter Rope, Polyester

Code	90252	90253	98069
Diameter (mm)	3	4	5
Breaking Load (kg)	240	370	500



Safety Lock for Outboard Engines, Inox 316

Code	99525	99526
Length (mm)	235	280





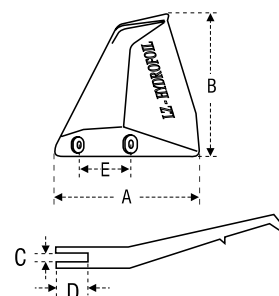
LZ-Hydrofoil

The LZ torque control system ensures the ultimate performance in precise and effortless steering.

Features:

- Lower fuel consumption
- Straight tracking
- Excellent steering at low speeds
- Smoother ride
- Maximum lift
- Reduced planning time
- Increased stability
- Reduced cavitation
- Effortless installation
- Inox bolts included

Code	10121	10122
For Engines	4HP to 50HP	50HP and over
A(mm)	185	270
B(mm)	180	240
C(mm)	5	7
D(mm)	23	30
E (mm)	61	98



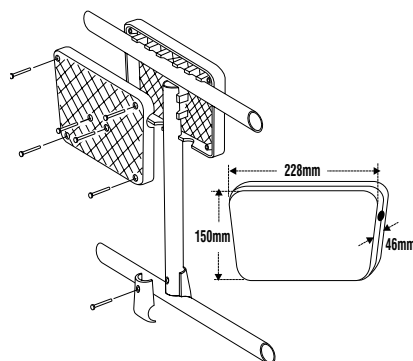
- Secure mounting with bolts
- For use on outboard motors

Motor Bracket, Rail Mounted, White

Ideal for permanently mounting your outboard on the stern rail instead of having to remove it when not in use. Made of rigid, non-slip UV resistant plastic, the bracket provides a secure and stable mount for your auxiliary outboard engine. Designed to fit 25mm diameter rails.



Code | 10319



Outboard Bracket, Adjustable, with Plastic Pad, Inox 316, for Engines up to 40kg/20HP

5-position adjustment control

Code | 90726



Outboard Bracket, Adjustable, with Plastic Pad, Inox 316, for Engines up to 30kg/15HP

5-position adjustment control

Code | 90725



Outboard Bracket, Adjustable, with Plastic Pad, Inox 316, for Engines up to 20kg/8HP



Code | 99493

Outboard Bracket, Adjustable, with Plywood Pad, Inox 316, for Engines up to 40kg/20HP



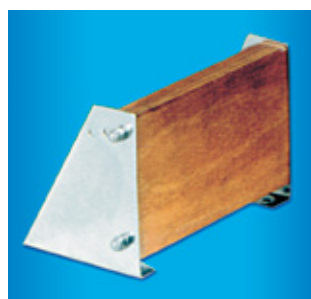
5-position adjustment control

Code | 95890

Outboard Bracket, Adjustable, with Wooden Pad, Inox 316, for Engines up to 20kg/8HP



Code | 99492



Outboard Adjustable 0-17° Bracket, with Wooden Table, Inox, for Engines up to 10HP & Max. weight 30kg

Code | 99494



Outboard Adjustable 0-17° Bracket, with Wooden Table, Inox, for Engines up to 12HP & Max. weight 35kg

Code | 99495



Outboard Engine Flusher, Rectangular

Code | 98748



Outboard Engine Flusher, Oval

Code | 98749



Outboard Engine Flusher, Double Intakes, Large

Length 280mm / Diam. 16mm

Code | 47086

Motor Trolley (30hp), Knock Down, 25mm Tubing



Code | 99586

Total Height: 1000mm
Total Weight: 800mm

Oils, Valvolines & Additives

Available only in certain countries

HIDEA



**Hidea oil 4 cycle,
FC-W 10W30 1 lit.**

Code | 74283



**541 Grease for
Winches, 200ml**

Code | 42682



**550 Silicon
Lubricant,
200ml**

Code | 46784



**511 PTFE
Lubricant, 200ml**

Code | 49848

CLIN AZUR

new BARDHAHL DIRECT Injection Oil for 2-stroke engines

Premium Lubricant specifically formulated for the new generation of high-powered 2 Stroke Oil-injected outboard engines that require superior lubrication with high thermal stability.

Code | 74581
Package | 5L



Outboard Gear Oil Ep 90

Enhanced gear-oil for gearboxes and outboard engines' gear.

Reduces friction, damage, and corrosion from salt.

Code | 71130
Package | 250ml



Outboard Grease

A special type of grease, specifically made for marine applications. Indicated for protection from operational friction, and salt corrosion.

Code | 71136
Package | 250ml



Fuel Water Remover

A fuel-treatment that eliminates problems caused by the presence of water in fuel. Also, prevents the formation of water within the fuel. Suitable for gasoline or diesel fuel.

Code | 71134
Package | 300ml



Top Diesel Additive

Multifunctional fuel-treatment product. Keeps diesel fuel injectors cleaner, increases cetane number, improves combustion and drastically reduces exhaust fumes. Additionally, it reduces fuel consumption and removes moisture.

Code | 71133
Package | 1lt



Green Power Plus Semi-Synthetic Oil for 2 Stroke Engines

Semi-synthetic oil for 2 stroke engines with carburetor or injection system.

Code | 71128
Package | 1lt



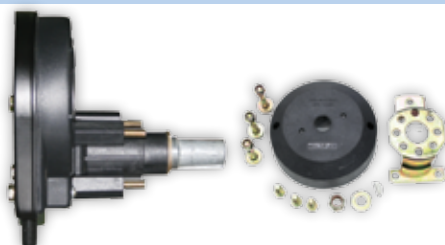
Helms & Steering Systems

**Bezel Kit, Applicable
for 90°**



Code | 90775

Light Type



Steering Helm, Light Type, for Engines up to 55HP

- Applicable for boats with outboard engines up to 55hp
- Approximately 2.5 turns of steering wheels
- Maximum steering wheel diameter: 375mm
- Wear-resistant engineering plastic helm cover
- High pressure die cast zinc alloy shaft

Code | 90773



Steering Cable for Helm Light Type

- Suitable for 90773 steering helm
- Spiral inner cable diameter: 6.2mm
- Maximum travel: 230mm
- Stainless steel output ends
- Cable outer diameter: 12.5mm
- Minimum bend radius: 200mm
- Maximum working load at tiller end: 120kg

Code	90777	90778	90779	90780	90781	90782	90783	90784	90785
Length(ft)	8	9	10	11	12	13	14	15	16

Code	90786	90787	90788	90789	90790	90791	90792	90793	90794
Length(ft)	17	18	19	20	22	24	26	28	30

Heavy Duty Type



Steering Helm, Heavy-duty Type, for Engines up to 150HP

- Applicable for 9m boat with outboard engine and for 10.5m with inboard engine
- Approximately 4 turns of steering wheels
- Maximum steering wheel diameter: 400mm
- High pressure die cast aluminium alloy helm cover
- Galvanised shaft
- Easy and quick installation

Code | 90774



Steering Cable for Helm Heavy-duty Type

- Suitable for 90774 steering helm
- Spiral inner cable diameter: 8mm
- Maximum travel: 230mm
- Stainless steel output ends
- Cable outer diameter: 15mm
- Minimum bend radius: 200mm
- Maximum working load at tiller end: 500kg

Code	90795	90796	90797	90798	90799	90800	90801	90802
Length(ft)	9	10	11	12	13	14	15	16

Code	90803	90804	90805	90806	90807	90808	90809	90810	90811
Length(ft)	17	18	19	20	22	24	26	28	30

Steering Wheels & Accessories



Steering Wheel "Sport",
Ø 350mm

Code | 90039



Steering Wheel "Winner",
Ø 350mm

Code | 90040



Steering Wheel "Ocean Master",
Ø 350mm

Code | 90041



Adaptor for Steering
Wheels

Code | 90042

Steering Wheels & Accessories

Steering Wheel, Inox,
with Black Foam

Code	99701	99702
Diameter(mm)	390	343



Ø17,3mm

Ø19,3mm

Steering Wheel, Inox,
with Cap

Code	90072	90087	90071
Diameter(mm)	343	390	457

Steering Wheel "Classic", Ø 350mm

Steering wheel "Classic" is made of polypropylene with 350mm diameter, while the diameter of the wheel's hole is 37mm. It has an ergonomic design and will fit very simply into most boats. You have the choice to customise the logo label on the centre of the steering wheel, by adding the customised PVC sticker.

Code	70001	70132
Colour	Black	White

Handle Bar for Steering
Wheels, Inox

Code	90177
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Cable Boots



Cable Boot, Adjustable with Screwed Ring

Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
43756	Black	85	105	68
43754	White			68



Cable Boot with Screwed Ring

Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
43168	Black	60	108	140

Cable Boot with Plastic,
Embedded Ring

Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
43137	Black	59	89	105

Cable Boot, Flush mounted



Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
43167	Black	76	115	140
43165	White			
43166	Grey			

Cable Boot, Flush mounted



Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
31521	Black	69	103	109
43162	White			
43163	Grey			



Cable Boot, Flush mounted

Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
43160	Black	50	70	60
43159	Grey			
43158	White			



Cable Boot, Splitted with Screwed Ring

Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
43155	Black	105	115	52



Cable Boot, Double with Screwed Ring

Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
43133	Black	59	89	15



Cable Boot with Screwed Ring

Code	Colour	Cut-out Ø (mm)	Overall Ø (mm)	Height (mm)
31523	Black	120	150	110
43145	White			
31525	Black	55	105	65
43139	White			

Engine Controls & Accessories



Control Lever V-20S, Side mounted with Trim-tilt

Code | 74635

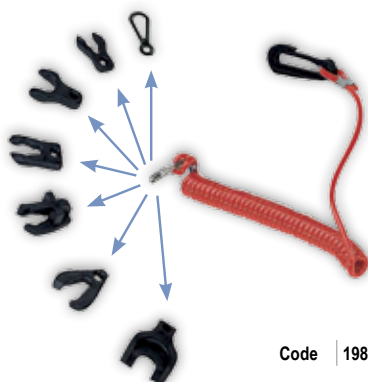


Single Control, Side mounted, Brass

Code | 99803



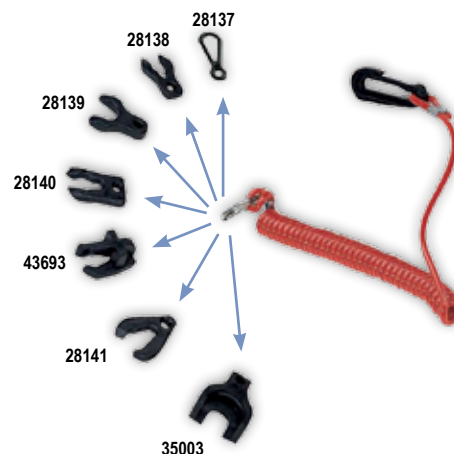
7 Kill Switch Keys, Set



Code | 198044

Kill Switch Key with Coil Lanyard, Set

Code	For Motors
28137	Mariner/ Mercury
28138	Mariner/ Suzuki / Johnson (4 strokes)
28139	Tohatsu
28140	Honda / OMC
43693	OMC / Johnson - Evinrude
28141	Yamaha
35003	OMC



Kill Switch, 12V, 15A

Code	Description
99974	With Coil Lanyard



Ignition Starter Switch, 3 Positions

Code | 99116



Ignition Switch, Nickel-plated Brass, 3 Positions

Code | 99557



Switch Ignition Starter OFF-IGN-START-CHOKE

Code | 99687



Switch Ignition Starter

Code	Contacts	Description	Terminals	Max Diam. Panel
99691	3	OFF-IGN-START(CHOKE)	6	6,35mm
99692	3	OFF-IGN-START(CHOKE)	6	15,8mm
99686	4	ACC-OFF-IGN-START	7	15,8mm
99690	4	ACC-OFF-IGN-START	7	6,35mm

Engine Controls & Accessories

OCEAN®



Keychain Buoy

Code	72448	72541
Color	Red	White



Keychain Fender

Code	72540	72447
Color	Red	White

Nuova Rade



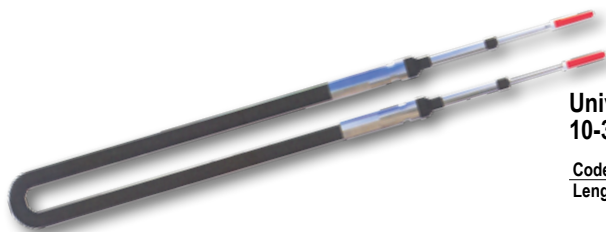
Key-Ring Floating

Code 44526

Key Holder-Cork,
Floating, Round

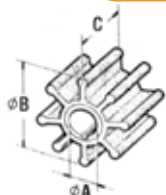
Code 71963

Engines Control Cables

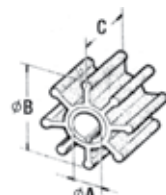
Universal - Standard Cable for Inboards & Outboards,
10-32 UNF Thread

Code	70091	70092	70093	70094	70095	70096	70097	70098	70099
Length(ft)	6	8	10	12	14	16	18	20	22

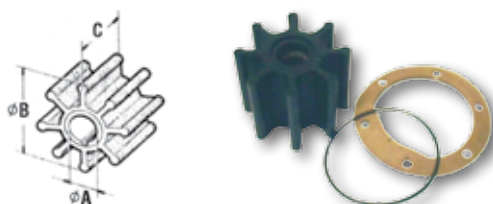
Impellers

For **Evinrude - Johnson** engines

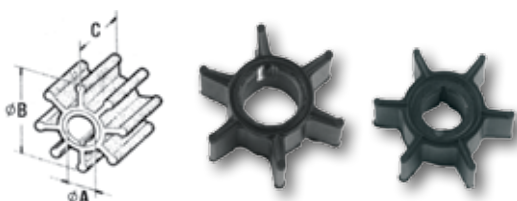
Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
99268	386084	8, 9.9, 15HP(4 strokes), 9.9HP(4 strokes), 15HP (1974-1980), 15HP (1981-1989), 15HP (1990->)	12,75	38,4	17,9
99269	388702	25HP (old model)	16	51,5	19,05
99177	395289	20HP (1978-84), 20HP (1985-2002), 25HP (1978-84), 25HP (1985-2002), 25HP comm. (1998-02), 25, 35 (3cyl) (1995-2002), 28, 14 COMM. (1985-97), 30HP (1985-97), 30, 35 (2cyl) (1983->), 30, 35 (1980-82), 35 (1976-77), 35 (1976-77), 35HP (1980-97)	16	51	19

For **Honda** engines

Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
99277	19210-881-003, 19210-881-A01	5HP M-X series later version, 5HP earlier version, 5HP BF50 (F), 5HP BF5A (H-K), 7.5HP BF75 (A-B-C-D-E-F), 8HP (AH-AK), 8HP (AM-AX-B-BX), 10HP BF100 (A-B-C-D-E-F)	14,2	41	23
99278	19210-ZW1-B02	75HP (AV-AX 1999>), 90hp (AV-AX 1999>), 115hp (1999>), 130hp (1999>)	23,35	87,8	31
99279	19210-ZV5-003	35HP (AM), 40HP (A-AX-B-BX), 45HP (AM), 50HP (A-AX)	17,2	55,75	20,2
99283	19210-ZW9-A31	8/10HP (2000)	16,2	45,6	14,8


For **Sole** engines

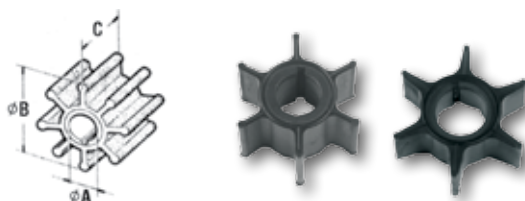
Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
99296	312.11.008	mini - 11-14-17-23-26-29-32-33-34-44-48	12	52	25
97897	351.11.008	mini - 50-55	14,4	57	31,6
97885	347.11.008	SM75, SM90, SM105, mini - 62-74, SN85, 150HP	14,2	65	50,2


For **Mercury** engines

Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
97907	47-16154	4/5/6HP (4 strokes)	10,25	33,6	14,3
97908	47-20268, 47-65959, 47-89983	30HP (1217222-1448139), 35HP (1571114-1812753), 35HP (6445653-B110788), 40HP (1279685-1476509), 40HP (2874704-3336257), 40HP (4362215-4860102), 40HP (4862103-6445652), 45HP (1476510-1520983), 45HP (1520984-1531568), 45HP (5531630 >), 50HP (1421113-1639472), 50HP (1521914-2305100), 50HP (2305101-2858813), 50HP (4357640-4962055), 50HP (4962056>), 60HP (6428681>), 65HP (2803562-3293183), 70HP (4571652-4977156), 70HP (4977157-6428680), MK35A (all)	19	51,8	19,05
99177	-	-	16	51	19

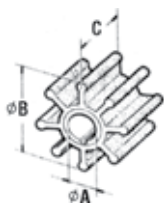

For **Suzuki** engines

Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
99299	17461-93902	9.9/15 CV	13,2	42	22
97908	17461-95201	DT55 (1985-95), DT65 (1985-95)	19	51,8	19,05


For **Yamaha** engines

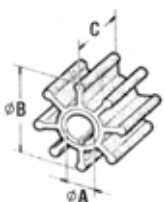
Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
99310	6G1-4452-00-00	6/8HP (1984-2002) (2strokes)	11,9	40	18
99313	63V 44352-01-00	9.9HP (1996-2004), 15HP (1996-2004), F15(1998-2002), T8 (2001-2002)	12,85	53	14
99318	6H4-44352-02-00	25HP (1999 >>), 30HP (1987-1995), 40HP (1984-1994), 50HP (1984-1994), 50HP jet (1986-1989), F25 (2000-2004), F30 (2001-2002), F40 (2000-2004), P50 (1991-1993), PRO50 (1987-1994), T25 (2001-2002)	16,1	51	19
97916	682-44352-01-00	8/9.9HP (1999 >>), 9.9HP (1984-1995), 15HP (1985), 15HP (1987-88), F9.9(1985-1990), T9.9 (1985-1996)	13	40	22
97920	6E0-44352-00-00	4HP (1985-1998), 4HP (1999 >>), 5HP (1984-2002)	11	40	12,6

Impellers



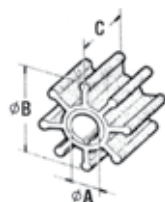
For **Tohatsu** engines

Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
98576	3B2-65021-1	6-8-9,8HP (2 strokes)	12,12	40	18,03
98579	345-65021-0	25-30HP (2 strokes)	17,12	44,10	20,25
98580	334-65021-0	9,9-15-18HP (2 strokes), 15-18HP (4 strokes)	13,96	40,70	23,35
98581	3C7-65021-1, 3B7-65021-2	70-90HP (2 strokes), 120-140HP (2 strokes)	20,15	67,40	35,10
97907	369-65021-1	2.5HP (2 strokes), 3.5HP (2 strokes), 4-5HP (2 strokes), 4-5-6HP (4 strokes)	10,25	33,60	14,30



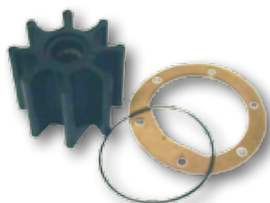
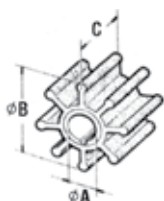
For **Renault** engines

Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
97883	-	RC 16D	9,54	39,6	18,94
97884	-	RC 210D	25	95	63,1
97885	-	RC 320D	14,2	65	50,2



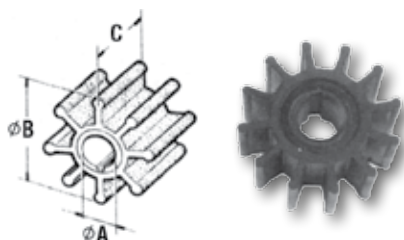
For **Yanmar** engines

Code	Manufacturer Code	Engine Specifications	Dimensions (mm)		
			A	B	C
99309	119574-42550	6LY2-STE, 6LYA-UTE/-STE	25	65,7	80
97883	104211-42070	2GM/GM20, 2QM/QM15/QM20, 3GM/GM30/QM30, SB12-SB8, SVE12-SVE8, YS B8/E8 - B12/E12, YSM8/YSM12	9,54	39,6	18,94
97885	127610-42200	4LHA-HT (Z) E, 4LH-DTE/-THE/-STE/-TE, 4PH-TE/PHE/PHME/PHM-TE, 6PH-THE/PH-TE/PHE/PHME, 6PHM-(H)TE, 6PHME, 6PH-TE	14,2	65	50,2
97897	129470-42530	3JH2E, 3JH2-TE, 4JH2E/4JH2-TE, 4JH2-UTE (B), 4JH-E/TE/HTE/DTE	14,4	57	31,6
99204	104223-42091	2GMF/GMF20, 2QM/QM20, 3GMF/GMF30/QM30, 3HM/HMF/HM35/HM35F	12,75	50,8	22,1

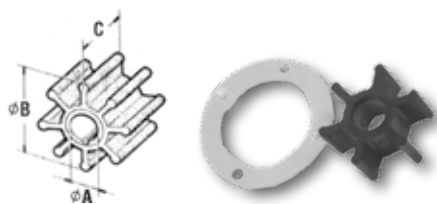


For **Perkins** engines' pumps

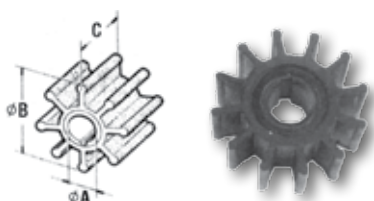
Code	Manufacturer Code	Dimensions (mm)		
		A	B	C
97884	0460027	25	95	63,10
97885	24880031	14,2	65	50,20
97897	0460038	14,4	57	31,60
99342	NA900010	15,90	62	31,70
99176	NA900012	15,90	65,20	41,10


For **Sherwood** pumps

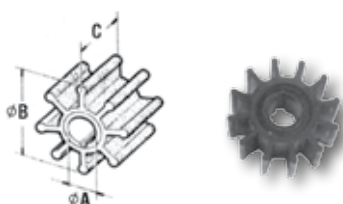
Code	Manufacturer Code	Pump Models	Dimensions (mm)		
			A	B	C
97883	9979	L9960, T11165, T11166	9,54	39,60	18,94
99176	10615K	B04, C03, D05, D55, E35, F10, F75, F95, G1004, G1005, G1006, G1006-01, G1008-01, G26-01, G3, G4, G45-1, G45-2, G46, G5, G50, G5-1, G55-2, G56, G7, G7B, G8, G85, H85, K90, L10, L10B, L80, L90, M71, M71-01, P101, P1012-01, P102, P105, P105-01, P10550G, P109, R101, R102, R10970G, RPBC, S11040G, S11095G	15,90	65,20	41,10
99342	9959K	A03, A16, B06, D55, D60, D65, D75, F15, F85, G1, G15, G2, G20, G21, G21-01, G22-01, G30-2, G30-2B, G65, G95-1, G9901, G9902, G9903, H10, H5, J70, J90, K75B, L9920G, L9930G, 10065G, M10180G, M10210G, M10263G, M10264G, M10270G, M10280G, N10390G, N10410G, N10460, N10470, N10510G, P10550G, P10560G, P10610G, P10650G, P10700G, P10710G, Q10755G, Q10765G, Q10770G, Q10855G, R10870G, R10870G-01, R10920G, R10925G, R10930G, 10935G, R10955G, R40G, R50G, R991, RPGC	15,90	62	31,70
99338	17000K	P171, P1710-02, P1710X, P1711, P1712, P1716B-01, P1716X, P1719, P1719-01, P1719F-01, P172, P1722B-01, P1722X, P1726, P1726TC-02, P1726X, P1727FB-01, P1727X, P173, P1730F-01, P1730X, P1731F-01, P1732-02, P176, P176-02	20	84	73,50
99339	9000K	G11, G903, G905, G906P, G907-01, G907P, G907P-01, G908, G908-01	15,95	62,50	22


For **Bukh** engines' pumps

Code	Manufacturer Code	Dimensions (mm)		
		A	B	C
97883	610G0102	9,54	39,60	18,94

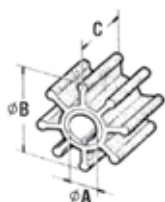

For **Diesel** engines' pumps

Code	Manufacturer Code	Dimensions (mm)		
		A	B	C
97884	5193553	25	95	63,10
97885	5193602	14,2	65	50,20
97886	5196168	25	95	88,50
97887	8924838	25	95	63,10


For **Westerbeke** engines' pumps

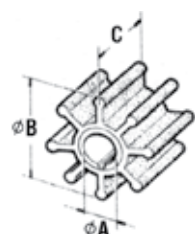
Code	Manufacturer Code	Dimensions (mm)		
		A	B	C
97903	32620	12	39,60	19,20
99342	11907, 33104	15,90	62	31,70

Impellers



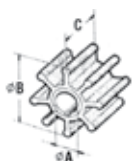
For **Onan** engines' pumps

Code	Manufacturer Code	Dimensions (mm)		
		A	B	C
97883	132-1359	9,54	39,60	18,94
97897	132-1620	14,4	57	31,60
99342	132-0117	15,90	62	31,70



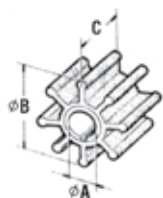
For **Caterpillar** engines' pumps

Code	Manufacturer Code	Dimensions (mm)		
		A	B	C
97884	1L4774	25	95	63,10
97885	3N1906	14,2	65	50,20
97886	4L8470	25	95	88,50
97887	5N9360	25	95	63,10



For **Garoni 1"** pumps

Code	Manufacturer Code	Dimensions (mm)		
		A	B	C
98556	Garoni 1"	16	65,50	50



For **Cummins** engines' pumps

Code	Manufacturer Code	Dimensions (mm)		
		A	B	C
97884	10556540	25	95	63,10
97885	650607	14,2	65	50,20

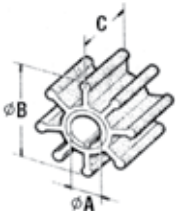
Boats, Engines & Accessories

Boats, Engines & Accessories

Boats, Engines & Accessories

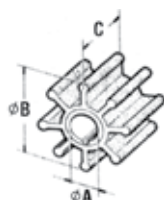
Boats, Engines & Accessories

Impellers



For **Johnson** pumps

Code	Manufacturer Code	Pump Models	Dimensions (mm)		
			A	B	C
97887	09-819B	F8B-3 (10-13024-1), F8B-3000 (10-13024-1), F8B-3000-TSS (10-13175-01), F8B-303 (10-13024-3), F8B-3030 (10-13024-3), F8B-39 (10-13024-2), F8B-393 (10-13024-4), F8B-5 (10-13025-), F8B-5000 (10-13025-99), F8B-5000-TSS (10-13176-99), F8B-5001 (10-13022-99), F8B-50017 (10-13022-95), F8B-50017 (10-13022-96), F8B-50017 (10-13022-98), F8B-8 (10-13021-1), F8B-8 (10-13021-17), F8B-8007 (10-13021-9), F8B-8007 (10-13021-91), F8B-8007 (10-13021-95), F8B-8007 (10-13021-96), F8B-89 (10-13021-2), F8B-9 (10-13088-01), F8B-9 (10-13096-01), F8B-9 (10-13096-02), F8B-9 (10-13180-01), F8B-9 (10-24181-1), F8B-9 (10-24181-3), F8B-900 (10-22096-1), F8B-902 (10-22096-3), F8B-902 (10-24096-4), F8B-903 (10-21915-1), F8B-903 (10-21915-2), F8B-903 (10-24181-4), F8B-905 (10-24130-3), F8B-905 (10-24130-4), F9B/F7B-9 (10-13064-1), F9B/F7B-9 (10-13064-2)	25	95	63,1
97898	09-1026B	F4B/6M (10-24074-1), F4B/F4B-9 (10-35098-2), F4B/F4B-9 (10-24166-1), F4B-903 (10-24463-01), F4B-9 (10-24465-01), F4B-9 (10-35064-1), F4B-9 (10-35098-1), F4B-9 (10-35098-2), F4B-9 (10-35098-3), F4B-9 (10-35098-4), F4B/F4B-9 (10-31917-1), F43-9 (10-32588-1), F4B-9 (10-35024-1), F4B-9 (10-35094-1)	12,66	50,8	22,1
97903	09-0808B	F35B/F35B-9 (10-24143-1), F35B/F35B-9 (10-35157-3), F35B-8 (10-35038-1), F35B-8 (10-35038-2), F35B-8 (10-35038-3), F35B-8 (10-35038-8), F35B-8007 (10-35038-41), F35B-8007 (10-35038-9), F35B-802 (10-35038-2), F35B-8027 (10-35038-5), F35B-8027 (10-35038-9), F35B-9 (10-24143-3), F35B-9 (10-24143-5), F35B-9 (10-24178-3), F35B-9 (10-35091-1), F35B-9 (10-35118-2), F35B-9 (10-35141-1), F35B-9 (10-35157-), F35B-9 (10-35157-1), F35B-9 (10-35157-2), F35B-9 (10-35157-3), F35B-9 (10-35157-5), F35B-9 (10-35157-8), F35B-9 (10-35157-9), F35B-9 (10-35211-1), F35B-9 (10-35211-3), F35B-9 (10-35211-5), F35B-902 (10-24143-1), F35B-902 (10-24143-2), F35B-902 (10-24178-1), F35B-902 (10-24178-2), F35B-902 (10-35091-2), F35B-902 (10-35141-2), F35B-902 (10-35157-2), F35B-902 (10-35157-3), F35B-902 (10-35157-4), F35B-8 (10-35038-4), F35B-8 (10-35038-5), F35B-8 (10-35038-8), F35B-8 (10-35038-7), F35B-9 (10-23421-1), F35B-9 (10-32415-1), F35B-9 (10-35015-1), F35B-9 (10-35015-2), F35B-9 (10-35015-3), F35B-9 (10-35118), F35B-9 (10-35187-1), F35B-9 (10-35280-1), F35B-9 (10-35211-2), F35B-9 (10-35211-4)	12	39,6	19,2
97904	09-0812B	F6B-9 (10-24232-1), F6B-9 (10-24232-5), F6B-9 (10-24232-6), F6B-9 (10-24234-1), F6B-9 (10-24302-01), F6B-9 (10-24302-02), F6B-9 (10-24316-01), F6B-9 (10-24412-02), F6B-9 (10-24432-02), F6B-9 (10-24493-02), F6B-9 (10-24515-01)	14,5	57	48,2
97905	09-1026B-9	-	12,66	50,8	22,1
97906	09-1028B-9	F7B-3000, F7B-39 (10-24209-2), F7B-3900 (10-24209-2), F7B-393 (10-24209-4), F7B-5000, F7B-5001, F7B-8	14,2	65	50,2
99170	09-0802B	F9B-3000 (10-13026-1), F9B-3000-TSS (10-13177-01), F9B-3007 (10-13026-7), F9B-303 (10-13027-), F9B-303 (10-13026-2), F9B-9 (10-24072-1), F9B-9 (10-24239-1), F9B-9 (10-24239-2), F9B-900 (10-24090-1)	25	95	88,5
97897	09-102BB	F5B-3 (10-24210-1), F5B-3000 (10-24210-1), F5B-3007 (10-24210-5), F5B-302 (10-24210-3), F5B-3020 (10-24210-3), F5B-8 (10-24073-1), F5B-8 (10-24073-10), F5B-8 (10-24073-11), F5B-8 (10-24073-12), F5B-8 (10-24073-9), F5B-8007 (10-24073-51), F5B-9 (10-24100-1), F5B-9 (10-24119-2), F5B-9 (10-24119-3), F5B-9 (10-24119-4), F5B-9 (10-24119-7), F5B-9 (10-24119-8), F5B-9 (10-24140-1), F5B-9 (10-24140-3), F5B-9 (10-24140-5), F5B-9 (10-24184-1), F5B-9 (10-24210-1), F5B-9 (10-24225-1), F5B-9 (10-24228-1), F5B-9 (10-24228-5), F5B-9 (10-24228-6), F5B-9 (10-24230-3), F5B-9 (10-24268-4), F5B-9 (10-24334-01), F5B-9 (10-24334-02), F5B-9 (10-24372-01), F5B-9 (10-24451-01), F5B-9 (10-24461-01), F5B-9 (10-24508-01), F5B-9 (10-24508-02), F5B-9 (10-32256-1), F5B-9 (10-35100-1), F5B-9 (10-35231-1), F5B-9 (10-35327-1), F5B-9001 (10-24119-1), F5B-9002 (10-24119-2), F5B-9003 (10-24119-4), F5B-9004 (10-24119-5), F5B-9005 (10-24119-6), F5B-9006 (10-24119-7), F5B-902 (10-24131-1), F5B-902 (10-24140-2), F5B-902 (10-24225-2), F5B-902 (10-24230-2), F5B-902 (10-24268-2), F5B-9022 (10-24119-2), F5B-903 (10-35327-03), F5B-905 (10-13159-03), F5B-905 (10-13159-04), F5B-905 (10-13159-05), F5B-905 (10-13159-06), F5B-905 (10-24131-2), F5B-905 (10-24131-4), F5B-905 (10-24318-01)	14,4	57	31,6
99309	09-821B	F75B/F7B-9 (10-13142-01), F75B/F7B-9 (10-13142-02), F75B-9 (10-13141-01), F75B-9 (10-13141-02), F75B-9 (10-13153-01), F75B-9 (10-13170-01), F75B-9 (10-24413-01), F75B-9 (10-24413-02)	25	65,7	80
99329	09-1027B-9	F5B-19 12V (10-24188-1), F5B-19 24V (10-24188-2), F5B-3000, F5B-39 (10-24073-3), F5B-39 (10-24210-2), F5B-3900 (10-24210-2), F5B-392 (10-24210-4), F5B-8, F5B-892 (10-24073-4), F5B-39 (10-24073-3)	14,4	57	31,6
97883	09-0806B	F4B-9 (10-35157-3)	9,54	39,6	18,94
99148	09-0810B	F4B/F4B-8 (10-24074-1), F4B/F4B-8 (10-24165-2), F4B-8 (10-24074-1), F4B-8 (10-24074-13), F4B-8 (10-24074-14), F4B-8 (10-24164-1), F4B-8 (10-24164-2), F4B-8001 (10-24074-1), F4B-8007 (10-24074-7), F4B-8007 (10-24074-71), F4B-802 (10-24074-3), F4B-8021 (10-24074-3), F4B-8027 (10-24074-9), F4B-803 (10-24074-5), F4B-8031 (10-24074-5), F4B-8037 (10-24074-11), F4B-9 (10-24144-1), F4B-9 (10-24144-2), F4B-9 (10-24165-1), F4B-9 (10-24166-1), F4B-9 (10-24214-1), F4B-9 (10-24214-4), F4B-9 (10-24290-1), F4B-9 (10-24321-01), F4B-9 (10-24326-01), F4B-9 (10-24335-01), F4B-9 (10-24341-01), F4B-9 (10-24514-01), F4B-9 (10-35142-1), F4B-9 (10-24514-01), F4B-9 (10-35161-1), F4B-9 (10-35167-1), F4B-9 (10-35205-1), F4B-9 (10-35216-1), F4B-9 (10-35240-1), F4B-9 (10-35241-1), F4B-9 (10-35333-01), F4B-9 (10-35355-01), F4B-9 (10-35725-01), F4B-902 (10-24509-02), F4B-902 (10-35167-2), F4B-902 (10-35241-2), F4B-903 (10-24165-2), F4B-903 (10-24166-2), F4B-903 (10-24214-2), F4B-903 (10-24509-01), F4B-903 (10-35142-2)	12,15	50,8	22,1
97884	09-1029B	-	25	95	63,1
97885	09-1028B	F7B-3 (10-22045-1), F7B-3000 (10-24029-1), F7B-3007 (10-24029-7), F7B-303 (10-24029-3), F7B-3 (10-24029-1), F7B-39 (10-24209-2), F7B-5 (10-24116-), F7B-5000 (10-24116-99), F7B-5001 (10-24071-99), F7B-5007 (10-24116-98), F7B-8 (10-24070-1), F7B-8 (10-24070-10), F7B-8 (10-24070-9), F7B-8007 (10-24070-51), F7B-803 (10-24070-3), F7B-9 (10-22335-3), F7B-9 (10-24017-1, partly), F7B-9 (10-24017-2, partly), F7B-9 (10-24061-1), F7B-9 (10-24061-3), F7B-9 (10-24127-1/2/3), F7B-9 (10-24139-1), F7B-9 (10-24139-3), F7B-9 (10-24139-5), F7B-9 (10-24139-7), F7B-9 (10-24179-1), F7B-9 (10-24244-1), F7B-9 (10-24253-2), F7B-9 (10-24253-3), F7B-9 (10-24277-1), F7B-9 (10-24277-3), F7B-9 (10-24277-5), F7B-9 (10-24280), F7B-9 (10-24329-1), F7B-9 (10-24338-01), F7B-9 (10-24349-01), F7B-9 (10-24365-01), F7B-9 (10-24365-02), F7B-9 (10-24386-01), F7B-9 (10-24390-4), F7B-9 (10-24398-01), F7B-9 (10-24428-01), F7B-9 (10-24431-01), F7B-9 (10-24445-01), F7B-9 (10-24524-01), F7B-9 (10-24524-03), F7B-9 (10-24542-01), F7B-9000 (10-24014-1), F7B-9000 (10-24183-1), F7B-9000 (10-24014-2), F7B-902 (10-11236-3), F7B-902 (10-24061-2), F7B-902 (10-24253-1), F7B-902 (10-24277-2/4), F7B-902 (10-24394-02), F7B-902 (10-11236-2), F7B-903 (10-21876-2), F7B-903 (10-22335-2 partly), F7B-903 (10-24017-1), F7B-903 (10-24017-2 partly), F7B-903 (10-24017-2), F7B-903 (10-24017-3), F7B-903 (10-24017-4), F7B-903 (10-24126-1), F7B-903 (10-24126-2), F7B-903 (10-2126-1/2/3), F7B-903 (10-24139-2), F7B-903 (10-24139-4), F7B-903 (10-24179-1), F7B-903 (10-24179-2), F7B-903 (10-24218-1), F7B-903 (10-24244-2), F7B-903 (10-24475-02), F7B-9030 (10-24014-4), F7B-99 (10-24126-2)	14,2	65	50,2
97886	09-0814B	F9B-3000, F9B-3600 (10-13026-4), F9B-5600 (10-13027-99), F9B-5600-TSS (10-1378-99), F9B-5607 (10-13027-98), F9B-9 (10-13080-01), F9B-9 (10-13095-01), F9B-9 (10-13095-02), F9B-9 (10-24430-01), F9B-905 (10-13166-01), F9B-905 (10-13171-01), F9B-905 (10-24006-1), F9B-905 (10-24006-2), F9B-905 (10-24308-02), F9B-905 (10-24308-03)	25	95	88,5



For Jabsco pumps

Code	Manufacturer Code	Pump Models	Dimensions (mm)		
			A	B	C
97904	13554-0001	-	14,5	57	48,2
97905	673-0003	10420, 11000, 11000-01, 11470-200, 11570-200, 22240, 22270, 22360, 22620, 22950-2037, 2620-237	12,66	50,8	22,1
97906	920-0003	11860-0003, 11860-0005, 2300-9003, 2300-9005, 23010-0131, 777-0003, 777-9003, 777-9005	14,2	65	50,2
99174	1414-0003	44720-0000	8,05	31,75	12
99176	18948-0001	-	15,9	65,2	41,1
99148	653-0001	10-35115-2	12,15	50,8	22,1
97897	1210-0001, 3085-0001	10170-0011, 10190-0011, 10550-01, 10550-200, 10550-205, 10950-200, 10950-201, 10950-204, 10950-205, 10950-2101, 10950-2141, 10950-2201, 10950-2241, 10950-2401, 10950-2441, 10950-2451, 10950-2601, 10950-2701, 10970, 10970-21, 11410-200, 11590-204, 11850-0101, 11850-0701, 11850-0711, 14210-0001, 1673-0001, 1673-1001, 1673-9001, 1673-9051, 17410-0001, 18830 series, 18840 series, 21080-200, 21080-204, 21090-200, 21690, 21690-05, 21690-200, 21820-200, 21820-2001, 21820-205, 28500-1251, 29500, 29500-1001, 29500-1101, 29500-1201, 29500-1251, 29500-1351, 29500-1401, 29500-1451, 29500-1501, 29500-3001, 29520-2001, 29530-2001, 3270-20, 3270-000, 3270-0001, 3270-0003, 3270-1951, 3270-200, 3270-205, 3270-2101, 3270-2301, 3270-2401, 3270-241, 3270-251, 3270-261, 3270-271, 3270-2801, 3280-200, 3290-9001, 3370-200, 3370-201, 3370-221, 3370-241, 3370-251, 3370-271, 3380-0001, 3380-200, 3380-221, 3480-9002, 3480-9011, 3890-9011, 52040-2001, 52040-2401, 5560-0001, 5660-0001, 5850-0001, 5850-0001, 5870, 6490-122, 6490-123, 6490-132, 6490-200, 6490-210, 6490-222, 6490-223, 6490-224, 6490-225, 6490-231, 6490-2901, 7120-9001, 7320-9001, 8470-0711, 8470-0911, 9380, 9970-200, 9970-204, 9970-241, 9970-251, 9970-261, 9970-271, 9970-281, 9990-200, 9990-201, 9990-21, 9990-41	14,4	57	31,6
99204	22799-0001	-	12,75	50,8	22,1
97903	22405-0001	22770-1051, 22770-1101, 22950-2031, 23050-1031, 23060-1101, 2620-200, 2620-211, 2620-252, 2620-253, 2620-254, 2620-255, 2620-271, 2620-281, 29300-1001, 29300-2001, 29300-2101, 29300-2101C, 29300-2151C, 29300-2201, 29300-2201C, 29300-2301, 29300-2401, 29300-2401C, 29300-2431, 29300-2501, 29300-2501C, 29300-2601C, 29400-1001, 29400-1051, 29400-1101, 29400-1151, 29450-1101, 29450-1201, 29450-1231, 29450-1301, 29450-1401, 29450-2131, 29490-2001C, 4760, 4760-01, 4760-21, 4760-41, 4760-51, 4760-61, 4760-81, 4760-914760-101, 4760-111, 4760-141, 4760-151, 51510-2001, 51510-9001, 51520-9001, 52010-0051, 52010-2001, 52010-205, 5640, 5660, 6540-200, 6540-201, 6540-21, 6710, 9400, 9400-01, 9400-200	12	39,6	19,2
99322	6303-0001	12580-0001, 12590-0001, 7600-201	8,07	51,3	22
99329	1210-0003	10170-0011, 10190-0011, 10550-01, 10550-200, 10550-205, 10950-200, 10950-201, 10950-204, 10950-205, 10950-2101, 10950-2141, 10950-2201, 10950-2241, 10950-2401, 10950-2441, 10950-2451, 10950-2601, 10950-2701, 10970, 10970-21, 11410-200, 11590-204, 11850-0101, 11850-0701, 11850-0711, 14210-0001, 1673-0003, 1673-1003, 1673-9003, 1673-9051, 17410-0001, 18830 series, 18840 series, 21080-200, 21080-204, 21090-200, 21690, 21690-05, 21690-200, 21820-200, 21820-2001, 21820-205, 21820-203, 28500-1251, 29500, 29500-1001, 29500-1101, 29500-1201, 29500-1251, 29500-1351, 29500-1401, 29500-1451, 29500-1501, 29500-1501, 29500-1901, 29500-3001, 29520-2001, 29530-2001, 3270-000, 3270-0001, 3270-0003, 3270-1951, 3270-20, 3270-200, 3270-205, 3270-2101, 3270-2301, 3270-2401, 3270-241, 3270-251, 3270-261, 3270-271, 3270-2801, 3280-200, 3290-9001, 3370-200, 3370-201, 3370-221, 3370-241, 3370-251, 3370-271, 3380-0001, 3380-200, 3380-221, 3480-9002, 3480-9011, 3890-9011, 52040-2003, 52040-2401, 5560-0001, 5850-0001, 5870, 6490-122, 6490-123, 6490-132, 6490-200, 6490-210, 6490-222, 6490-223, 6490-224, 6490-225, 6490-231, 6490-2901, 7120-9001, 7320-9001, 8470-0711, 8470-0911, 9380, 9970-200, 9970-241-37, 9970-251, 9970-261, 9970-271, 9970-281, 9990-200, 9990-201, 9990-21, 9990-41, 9970-204, 9970-241	14,4	57	31,6
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97884	836-0001	10630, 10630-01, 10630-07, 10630-200, 10630-207, 10630-57, 10650, 10650-200, 10670, 10670-01, 10670-10, 10670-11, 10670-200, 10670-210, 10670-211, 10770-0051, 10770-0151, 10770-0331, 10770-0351, 10770-07, 10770-57, 10770-62, 10880-0101, 10880-07, 10880-21, 10880-62, 10890-01, 11790, 11790-1, 21090-204, 21180, 21180-05, 21180, 21810-01, 21980, 29750-1001, 4360, 4800-101, 4800-111, 4800-161, 4800-171, 4800-21, 4800-21-01, 4800-41, 4800-51, 4800-53, 4800-54, 4800-71, 6400-200, 6400-205, 6400-207, 6590-200, 7870-200, 7870-201, 7870-221, 7870-231, 7870-251, 823-200, 823-205	25	95	63,1
97885	920-0001	23010-0131	14,2	65	50,2
97886	17936-0001, 21676-0001	10490, 1490-0201, 10490-07, 10490-207, 10590, 10590-0031, 10590-0041, 10590-01, 10590-0111, 10590-0141, 10590-0201, 10590-21, 10590-22, 10590-0341, 10590-61, 10590-62, 10590-63, 10660, 10660-200, 10680, 10680-01, 10680-10, 10680-11, 10680-200, 10680-201, 10680-210, 10680-211, 11100-31, 11100-01-01, 11110-0141, 11110-0151, 11110-0541, 11150-0011, 18300-0000, 18310-0000, 18320-0000, 18320-0001, 18320-0002, 18340-0000, 18370-0000, 21990, 22040-01, 22040-0131, 22040-0501, 22040-0531, 50270-0011, 50270-0111, 50270-0111, 50270-0211, 50270-0311, 50270-0911, 50270-2011, 50270-2111, 50270-2211, 50270-2311, 50270-2911, 51270-0001, 51270-0011, 51270-2011, 52270-0011, 52270-2011, 52270-2041	25	95	88,5
97887	17935-0001	10770-0111, 10880-0051, 10880-0151, 10880-2461, 10880-2561, 10880-2611, 10980-0051, 11870-0007, 21680-05, 2570-0011, 297700-0001, 11870-0005, 50200-2011, 50200-2111, 50200-2311, 50220-0011, 50220-0111, 50220-0211, 50220-0311, 51200-2011, 51220-0011, 52200-2001, 52200-2011, 52200-2041, 52200-2051, 52220-0011, 52220-0041, 52220-0051, 6400-0001, 6400-0004, 6400-0051, 6590-0001, 6590-0004, 7420-0001, 7420-0004, 7420-0101	25	95	63,1
97898	673-0001	10420, 11000, 11000-01, 11470-200, 11570-200, 22360, 22620, 22770, 22770-1051, 22770-1101, 22950-2031, 23050-1031, 23060-1101, 2620-200, 2620-211, 2620-221, 2620-252, 2620-253, 2620-254, 2620-271, 2620-255, 2620-281, 29450-1101, 29450-1201, 29450-1231, 29450-1301, 29450-1401, 29450-2131, 29490-2001C, 4760, 4760-01, 4760-101, 4760-111, 4760-141, 4760-151, 4760-21, 4760-41, 4760-51, 4760-61, 4760-71, 4760-81, 4760-91, 5640, 5660, 6540-200, 6540-201, 6540-21, 6710, 9400, 9400-01, 9400-200, 22240	12,66	50,8	22,1
97900	7273-0003, 6303-0003	12550-001, 12560-0001, 12570-0001, 12580-0001, 16360-0003, 16360-1003, 16380-0003, 16380-1003, 17260-0003, 17260-0023, 17260-0033, 18590-0000, 18590-0001, 18590-0002, 18590-0010, 18690-0000, 18690-0010, 6360-0001, 6360-1001, 6370-0001, 6370-1001, 6380-0001, 6380-1001, 12590-0011	8,07	50,8	22,1
99170	6760-0001	-	25	95	88,5
99171	17937-0001	10800-21, 11120-200, 11120-204, 11120-205, 11600, 11740-200, 11740-205, 11860-0001, 11860-0006, 11860-0007, 12280-0001, 17100 series, 17100-0001, 17100-0005, 17100-0011, 21100, 21140-200, 21140-201, 21140-204, 21140-2101, 21140-2141, 21140-2201, 21140-2241, 21140-2401, 21140-2441, 21140-2601, 21140-2641, 21140-2701, 21580-200, 21880-200, 21880-205, 21960-200, 21960-210, 21960-211, 21960-221, 22690-200, 2300-9001, 2300-9004, 23010-0531, 23320-2001, 23320-2101, 23430-1001, 23430-1031, 23430-1041, 23430-1051, 23430-1201, 23430-1241, 23430-1251, 23430-1301, 23430-1401, 23430-1441, 23430-1501, 23430-1601, 23430-1641, 23430-1901, 23430-1701, 23480-2001, 29600-1001, 29600-1101, 29600-1201, 29620-2001, 29630-1001, 3590-9001, 50080-2001, 50080-2101, 50080-2201, 50080-2301, 50080-2321, 51080-2001, 51080-2041, 52080-2001, 52080-2041, 5330-9001, 5330-9101, 6030-21, 6030-41, 6030-61, 6030-71, 6420-0101, 6420-200, 6420-2001, 6420-204, 6420-2041, 6420-205, 6420-2051, 6520-205, 6520-251, 6520-51, 6520-200, 777-0001, 777-9001, 777-9004, 777-9051, 52080-2051, 52080-2011, 9700, 9700-01, 9700-04, 9700-05, 9700-101, 9700-131, 9700-141, 9700-151, 9700-162, 9700-171, 9700-181, 9700-21, 9700-241, 9700-41, 9700-51, 9700-61, 9700-71, 9710, 9710-200, 9710-201, 9710-204, 9710-205, 9710-210, 9730, 9750, 9760, 9770-200, 9770-205	14,2	65	50

Sacrificial Anodes



Hull Anode with Welding Strip

Code	Dimensions (mm)	Weight (kg)
96018	127x121x28	1
96020	178x76x38	2



Hull Anode

Code	Dimensions (mm)	Weight (kg)
96014	138x95	2



Conical Anode for Shaft

Code	Weight (kg)
93012	0,14
93013	0,28
93014	0,25
93015	0,49
93016	0,77



Propeller Nut Anode

Code	Dimensions	Weight (kg)
90228	Ext. Diam. 32mm, for 19mm shaft	0,09
90229	Ext. Diam. 41mm, for 22mm shaft	0,23
90230	Ext. Diam. 48mm, for 25mm & 29mm shaft	0,45
90231	Ext. Diam. 54mm, for 32mm shaft	0,68
90240	Ext. Diam. 60mm, for 35mm shaft	0,80
90241	Ext. Diam. 65mm, for 38mm shaft	0,91
90242	Ext. Diam. 73mm, for 45mm shaft	1,32
90251	Ext. Diam. 83mm, for 51mm shaft	1,48



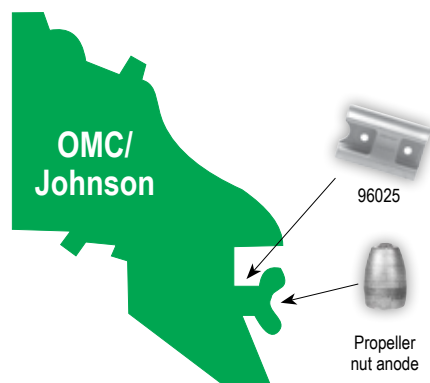
Hull Anode, Square Model

Code	Dimensions (mm)	Weight (kg)
96011	95x33	0,20
96012	116x43	0,50
96013	118x60	1



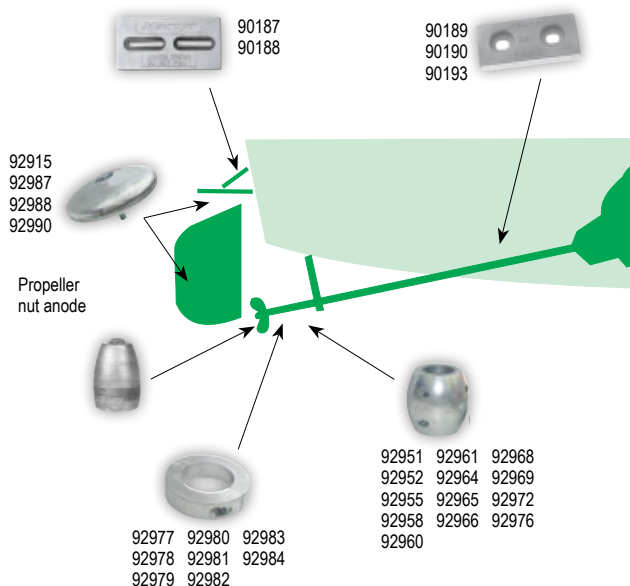
Max-Prop Anode

Code	Diameter (mm)	Weight (kg)
93095	54	0,29
93096	67	0,52
93097	79	0,75



Anode for In/Outboard OMC/Johnson Engines

Code	Description	Weight (kg)
96025	Curved block, for engines 40-V8 1988-1991 (except 40-50 1989-1992)	0,27



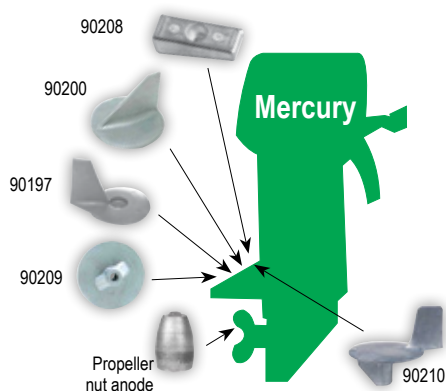
Anodes for Use in Inboard Engines

Code	Description	Weight (kg)
90189	Pleasurecraft Hull Anode, 146x64x19mm	0,94
90190	Pleasurecraft Hull Anode, 159x70x19mm,	0,91
90193	Pleasurecraft Hull Anode, 203x102x19mm	2,05
90187	Pleasurecraft Hull Anode, 305x152x13mm	3,60
90188	Pleasurecraft Hull Anode, 152x102x13mm	1,02
92915	Rudderanode, w/ bolt & two disc diam. 47mm	0,13
92987	Rudderanode, w/ bolt & two disc diam. 71mm	0,43
92988	Rudderanode, w/ bolt & two disc diam. 95mm	0,73
92990	Rudderanode, w/ bolt & two disc diam. 127mm	1,46
92977	Shaft anode round, collarshape Int. Diam 19mm, Ext. Diam. 54mm	0,30
92978	Shaft anode round, collarshape Int. Diam 22mm, Ext. Diam. 54mm	0,29
92979	Shaft anode round, collarshape Int. Diam 25mm, Ext. Diam. 63mm	0,55
92980	Shaft anode round, collarshape Int. Diam 32mm, Ext. Diam. 63mm	0,52
92981	Shaft anode round, collarshape Int. Diam 35mm, Ext. Diam. 76mm	0,73
92982	Shaft anode round, collarshape Int. Diam 40mm, Ext. Diam. 76mm	1,22
92983	Shaft anode round, collarshape Int. Diam 44mm, Ext. Diam. 89mm	1,03
92984	Shaft anode round, collarshape Int. Diam 51mm, Ext. Diam. 89mm	0,95
92951	Shaft anode round, Int. Diam. 19mm, Ext. Diam. 54mm	0,35
92952	Shaft anode round, Int. Diam. 22mm, Ext. Diam. 54mm	0,41
92955	Shaft anode round, Int. Diam. 25mm, Ext. Diam. 54mm	0,39
92958	Shaft anode round, Int. Diam. 28mm, Ext. Diam. 54mm	0,49
92960	Shaft anode round, Int. Diam. 30mm, Ext. Diam. 58mm	0,55
92961	Shaft anode round, Int. Diam. 32mm, Ext. Diam. 63mm	0,53
92964	Shaft anode round, Int. Diam. 35mm, Ext. Diam. 63,5mm	0,67
92965	Shaft anode round, Int. Diam. 38mm, Ext. Diam. 63,5mm	0,73
92966	Shaft anode round, Int. Diam. 40mm, Ext. Diam. 82mm	1,20
92968	Shaft anode round, Int. Diam. 44mm, Ext. Diam. 82mm	1,07
92969	Shaft anode round, Int. Diam. 51mm, Ext. Diam. 82mm	1,34
92972	Shaft anode round, Int. Diam. 57mm, Ext. Diam. 82mm	2,35
92976	Shaft anode round, Int. Diam. 76mm, Ext. Diam. 120mm	2,97



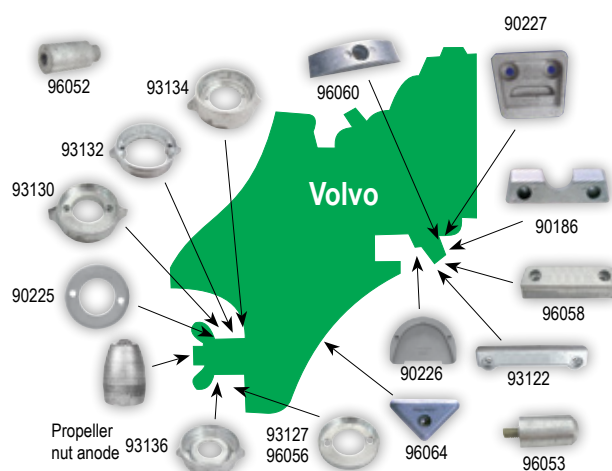
Anodes for In/Outboard Mercruiser Engines

Code	Description	Weight (kg)
96041	Bravo Lift Ram Horsehoe (Gen II)	0,35
90198	Horsehoe	0,10
90223	Bearing carrier Bravo II	0,15
90195	Finshape	0,59
90196	Finshape	0,36
90200	Finshape	0,55
90224	Circular Plate	0,31
90209	Circular Plate	0,33
96040	Screwnut	0,11



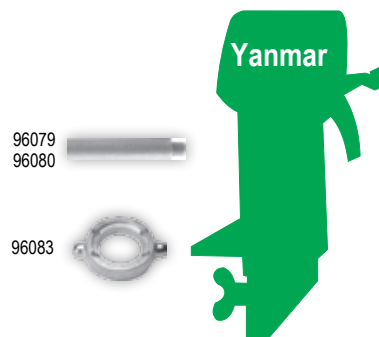
Anodes for Outboard Mercury Engines

Code	Description	Weight (kg)
90200	Finshape	0,55
90197	Finshape, for engines 30-40hp	0,48
90209	Circular Plate	0,33
90210	Finshape, for engines 18-25hp	0,42
90208	Wedge	0,25



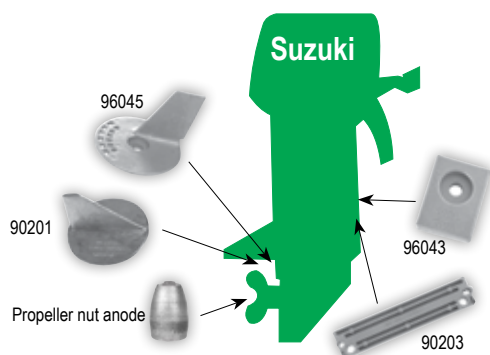
Anodes for In/Outboard Volvo Engines

Code	Description	Weight (kg)
90227	Gimbal Plate for engines SX Drive	1,09
96060	Folding Prop. for engines 100s, 110s, 120, S-B, S-C	0,05
93134	Collar for saildrive engine	0,92
93132	Collar for duotrop	0,58
93130	Collar	0,73
90225	Collar	0,20
93136	Collar	0,49
93127	Collar	0,20
96056	Collar	0,29
96064	Triangle shape, for engines 290, 290DP, SX, DP-X	0,11
90226	Transom Plate, for SX Drive engines	1,04
93122	Bar lower plate, for engines VO 250/270/280	0,95
90186	Plate	0,65
96058	Bar for duoprop	0,76
96053	Plug	0,14
96052	Plug	0,05



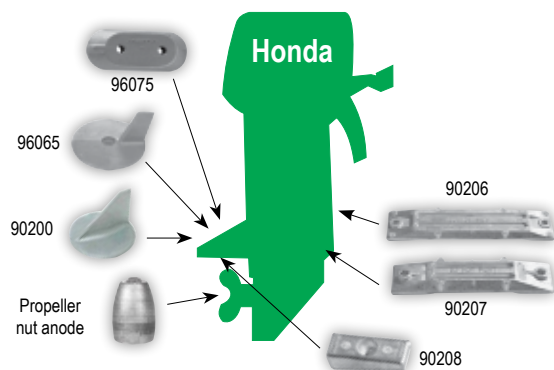
Anodes for Yanmar Engines

Code	Description	Weight (kg)
96079	Plug	0,20
96080	Plug	0,07
96083	Saildrive Ring	0,85



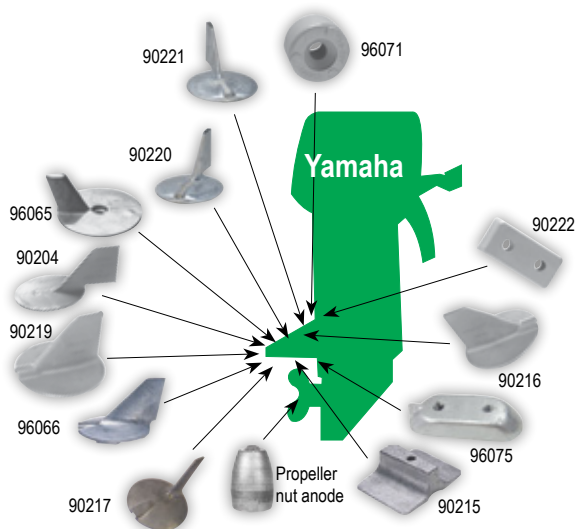
Anodes for Outboard Suzuki Engines

Code	Description	Weight (kg)
96045	Finshape for engines 55/60hp	0,13
90201	Finshape	0,34
90203	Bar	0,51
96043	Finshape for engines 65/75/110/115hp	0,08



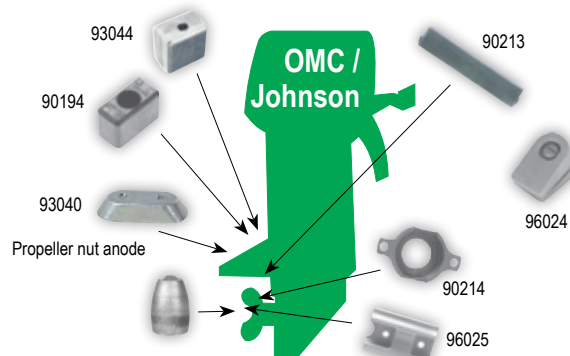
Anodes for Outboard Honda Engines

Code	Description	Weight (kg)
96075	Small Block	0,10
96065	Finshape	0,28
90200	Finshape	0,55
90208	Wedge	0,25
90207	Large bar, for engines 75-115hp	0,83
90206	Small bar, for engines 35-50hp	0,36



Anodes for Outboard Yamaha Engines

Code	Description	Weight (kg)
96071	Round	0,03
90221	Finshape with counter rotationm	0,41
90220	Finshape	0,50
96065	Finshape	0,28
90204	Finshape	0,48
90219	Finshape with counter rotationm	0,42
96066	Finshape	0,63
90217	Finshape	0,52
90215	Cutdown Skeg	0,26
96075	Plate	0,10
90216	Finshape	0,42
90222	Small block	0,14

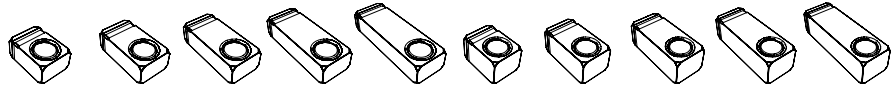
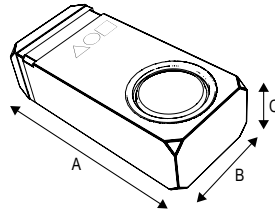


Anodes for Outboard OMC/Johnson Engines

Code	Description	Weight (kg)
90213	Long Bar for power trim and tilt	0,72
93044	Cube	0,22
90194	Cube	0,33
93040	For engines 2/150HP	0,09
96025	Curved block, for engines 40-V8 1988-1991 (except 40-50 1989-1992)	0,27
90214	Donut Shape	0,15
96024	Double plate, for engines 20-35hp	0,23

DIABLO Fixed Fuel Tank

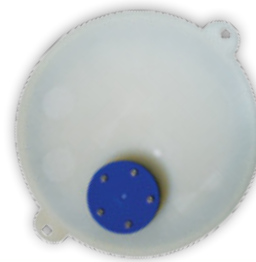
DIABLO line of fixed tanks is made of recyclable HDPE material, consisting of a full range of 10 models complying with international standards. DIABLO can be used for fuels such as gasoline, diesel, ethanol, alternative fuels and organic vegetable oils. The advantage of this line of tanks is the 'EASY SWITCH' plate, which can be purchased separately based on the use of the tank, and is manually interchangeable. The plate used for gasoline is in red colour. It is secured and sealed by rotation of the piece itself and is blocked into position by means of a locking pin that prevents loosening. To clean the tank just lift the locking pin and remove the plate by unscrewing it.



Code	197477	197478	197479	197480	197481	197482	197483	197484	197485	197486
Capacity (lt)	37	48	60	70	82	49	64	78	93	108
A - Length (mm)	500	650	800	950	1100	500	650	800	950	1100
B - Width (mm)	360	360	360	360	360	360	360	360	360	360
C - Height (mm)	230	230	230	230	230	305	305	305	305	305

Sensor (optional)

Impedance (Ohm)	0-190	240-33
h=230mm	198296 (225mm)	198297 (225mm)
h=305mm	197350 (300mm)	197359 (300mm)



DIABLO Easy Switch Blind Plate, without Connectors

Code | 197490



Bracket for Battery Box/ Fuel Tank, with Strap 1,50m

Code | 43897



DIABLO Easy Switch Fuel Plate

Fuel hatch with gasket, complete with:
- Connector 90°, Ø38 mm, 1½" thread
- Connector 90°, Ø17 mm, ¾" thread
- Connector 90°, Ø11 mm, ½" thread
- Caps 1½" thread, ¾" thread and ½" thread

Code | 197487



Code	Description	197487 The Easy Switch Fuel Plate features:
197492	DIABLO Easy Switch Connector 90°, Ø38mm, 1½" thread	1
197493	DIABLO Easy Switch cap 1½" thread	1
197494	DIABLO Easy Switch cap ¾" thread	2
197495	DIABLO Easy Switch Connector 90°, Ø17mm, ¾" thread	1
197496	DIABLO Easy Switch cap ½" thread	1
197497	DIABLO Easy Switch Connector 90°, Ø11mm, ½" thread	1
197501	DIABLO Easy Switch Internal Gasket Ø235 x 17,5mm	1



Ercole



ERCOLE Fixed Fuel Tank

ERCOLE line of horizontal fuel tanks is made of polyethylene material in black colour to avoid rust and has a longer lifetime, contrary to metal tanks. This line consists of a full range of 9 models complying with international standards and is used for fuel collection and storage. All contain a fuel output for Ø8mm hose and a fuel supply input that is either threaded with a cap, either with a vertical outlet for Ø38mm hose, either with an 45°-angled outlet for Ø38mm hose. Pre-cut for tank level sensor.

Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Connector Pipe Ø (mm)	Deck Filler	Sensor (optional)					
44797	With filler cap	41	500	350	300	8	Thread Ø 50mm		197358 (245mm)				
44799		55	650										
44801		69	800										
50195	Without cap	41	500	350	300		Straight Ø 38mm				196911 (245mm)		
50199		55	650										
50205		69	800										
50196	Without cap	41	500	350	300		45° Ø 38mm						196911 (245mm)
35008		55	650										
50206		69	800										



197341
197342



197343
197344

Combine with

Fuel hose
page 166



Sogliola

SOGLIOLA Fixed Fuel Tank

SOGLIOLA line of fixed tanks is used for storing petrol, diesel or fuel containing ethanol or methanol, before it is transmitted to the boat engine. SOGLIOLA line of horizontal fuel tanks is made of polyethylene material in black color to avoid rust and has a longer lifetime, contrary to metal tanks. The line consists of a full range of 9 models complying with international standards and is used for fuel collection and storage. All contain a fuel output for Ø8mm hose and a fuel supply input that is either threaded with a cap, either with a vertical outlet for Ø38mm hose, either with an 45°-angled outlet for Ø38mm hose. Pre-cut for tank level sensor.

Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Connector Pipe Ø (mm)	Deck Filler	Sensor (optional)	
44832	With filler cap	38	650	350	220	8	Thread Ø 50mm		197356 (150mm)
44834		49	800						
44836		73	1100						
50209	Without cap	38	650	350	220		Straight Ø 38mm		197347 (150mm)
50214		49	800						
50218		73	1100						
35009	Without cap	38	650	350	220		45° Ø 38mm		197365 (150mm)
50215		49	800						
50219		73	1100						



197341
197342



197343
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Ercole - Sogliola

Code		Description
45284	A	Tank Filler Cap
44467	C	Fuel Pick-up Tube w/Pipe Conn. Ø8mm
50140	D	Water Pick-Up Tube w/ Ø16mm Conn
44088	FGHE	Set Connectors, w/Ø50mm, Straight
44089	GHI	Set Connectors, w/Ø38mm, Straight
43366	E	Straight Connector Ø50mm
43368	I	Straight Connector Ø38mm

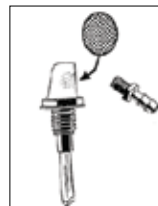
Code		Description
44090	FGHM	Set of Connectors, w/Ø50mm, 90° Elbow
44091	GHN	Set of Connectors, w/Ø38mm, 90° Elbow
43370	M	Elbow Connector 90°, Ø50mm
43374	N	Elbow Connector 90°, Ø38mm
44624	F	Elbow Conn. 90°, Pipe f/Fuel Returnn
44569	P	Vent. Elbow Conn. 90°, Hose Ø16mm
44838	Q	Universal Bracket with Holding Straps for Ercole, Sogliola, Diabolo Tanks and Liferasts

Hulk

HULK Portable Fuel Tank

HULK line of portable outboard motor fuel tanks is made of odor-free high-density polyethylene material in red colour. Their robust rotationally moulded plastic construction makes them completely non-corrosive. They are strong, yet lightweight and will not crack or dent. Polyethylene material is used since it is unable to rust and has a longer lifetime, contrary to metal tanks. The line consists of a full-size range of 12L, 22L and 30L, complying with international standards and is used for fuel collection and storage. All contain a Ø 8mm outlet with filter and a vented cap with seal. The codes 44804 and 44805 contain a fuel gauge, as well.

Code	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Fuel Gauge
44803	12	410	260	195	No
44804	22	460	305	265	Yes
44805	30	510	360	270	Yes



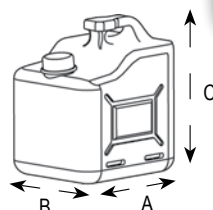
Ø 8mm outlet with filter



JERRYCAN Portable Fuel Tank with Spout

JERRYCAN line of portable outboard motor fuel tanks with spout is designed in odor-free high-density polyethylene material in red colour. Polyethylene material is used to avoid rust and has a longer lifetime, contrary to metal tanks. All codes have a top handle that makes them very stable in use and easy to grip and carry, if needed. Their specially designed bottom in large dimensions achieves better stability when placed. The line consists of a full-size range of 5L, 10L, 15L and 22L, complying with international standards and is used for fuel collection and storage. All contain a vented cap with seal, and they are being supplied with a spout.

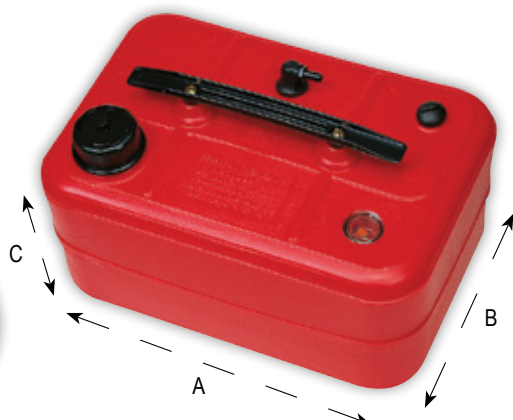
Code	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)
43604	5	300	240	185
43598	10	300	240	250
43600	15	300	240	330
43602	22	300	245	440



Jerrycan

Portable Fuel Tank with Filter

Suitable for outboard motors. It is made of odor-free high-density polyethylene material in red colour to avoid rust and has a longer lifetime, contrary to metal tanks. The line consists of 10L and 25L sizes, complying with international standards and is for fuel collection and storage. All contain a vented cap with seal and a Ø 8mm outlet with filter. The code 44789 can be suitable for diesel by adding 44624 (Pipe fuel return).



Code	Capacity (lt)	Length (mm)	Width (mm)	Height (mm)	Fuel Gauge
44790	10	330	245	135	No
44789*	25	440	295	210	Yes

*Suitable for diesel by adding 44624 (Pipe fuel return)

Ø 8mm outlet with filter

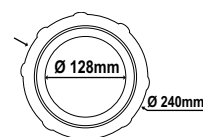


Storage Bottle

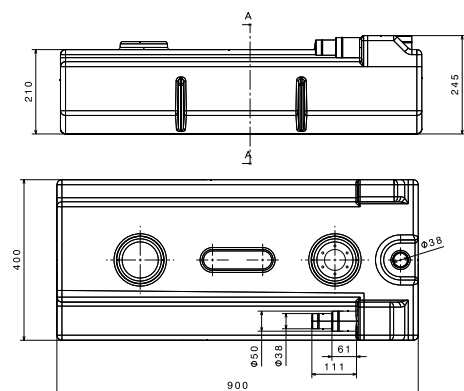
Ideal for storing safety equipment or personal belongings. Silicone gasket for optimum water resistance. You can also use a carrying rope.



Code	Capacity (lt)	Diameter (mm)	Height (mm)
39642	6	240	195
39643	8		260
39644	12		380
39645	15		440

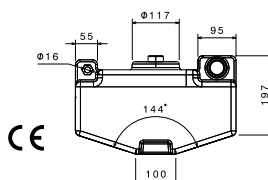


Mistral



MISTRAL Fuel Tank with Sender

MISTRAL tank for horizontal fuel storage is made of polyethylene material in white colour, offering high chemical and fire resistance. Polyethylene material is used to avoid rust and has a longer lifetime, contrary to metal tanks. This model complies with international standards and is used for fuel collection and storage. MISTRAL tank features one central column to provide increased rigidity of the tank and can be easily secured to the boat. Contains lateral baffles, designed to reduce fuel tossing.



197341
197342

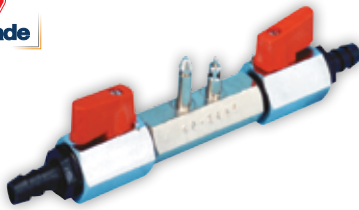
Code	Capacity (lt)	Length (mm)	Width (mm)	Height (mm)	Connectors			Sender
					Ø A (mm)	Ø B (mm)	Ø C (mm)	
196251	55	900	400	245	38	38	50	197070 0-190 Ohm

*For diesel tank use sender 197073

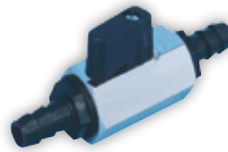
Fuel Line 3-way Valve, 6.5mm



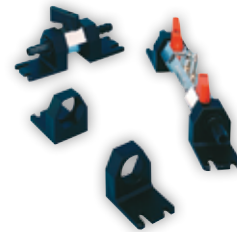
Code | 99564


Fuel Valve 2-way, Hose Ø 10 mm

Code	For engines
43707	OMC - JOHNSON - EVINRUDE.
43708	YAMAHA - MARINER - MERCURY - HONDA.


Fuel Valve Shut-off for Hose Ø8mm

Code | 44631


Fuel Valve Holding Bracket (Pair)

Code | 45186


Diverter Valve, 3-way, for Tanks

The 3-way Diverter Valve for Tanks is a universal valve that can be used installed on board or on bilge evacuation systems. It allows the operator to choose between two outlets.

Features

- Corrosion resistant ABS and stainless steel structure
- Ideal for marine sewage and bilge pump out systems
- Ports: 1-1/2" ID flexible hose
- Can be padlocked
- Long distance control by means of a push-pull cable.

Bilge systems: For boats having two separate bilge areas, the 3-way Diverter allows to empty either one, with only one pump.

Sewerage systems: When installed in the holding tank discharge line, the y-valve allows the choice between pumpout through a deck fitting or directly through a seacock. When installed in the marine toilet discharge line, it allows the choice between storing the effluent in the waste tank or discharging it directly overboard (if legal).

Code | 196791


Bio-Carbon Filter for Nuova Rade Tanks, Ø16-19mm

Code | 51732


Oil Measurer

Code	26897
Diameter (mm)	58
Height (mm)	120


Bailer Funnel with Filter, Red

Code	44677
Length (mm)	290
Width (mm)	110


Filler Cap with Vent for Portable Fuel Tanks

Code | 45301


Funnel, Flexible with Filter & Extension

Code	31354
Diameter (mm)	135


Funnel with Filter

Code	27480
Diameter (mm)	180
Height (mm)	240


Extension for Funnel 27480

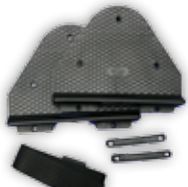
Code	37350
Length (mm)	250


Spout for JERRYCAN Portable Fuel Tanks

Code | 45415


Strap for Fuel Tank/Battery Box Fixing, Length 1,30m

Code | 43895


Bracket for Battery Box/Fuel Tank, with Strap 1,50m

Code | 43897


Fitting for Tank Vent

Code	Hose Diameter (mm)
44567	16
44568	20


Connector Ø1/4"

Code	For Line Plastic Ø (mm)
43451	8

Fuel Tanks & Accessories



Handle for Portable Fuel Tank, L310mm, Black

Code | 44179



Pick-up Tube with Filter & Pipe Connector Ø1/4"

Code | 44469



Universal Base with Strap

Code | 43901

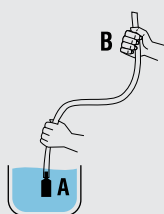
External Dimensions:
485x340x35 mm
Internal Dimensions:
470x320 mm



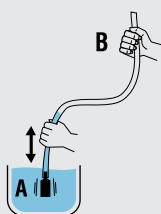
Hose Pump, Manual Suction, Transparent

This corrugated hose pump is great to outfit your boat for optimum customisation and maintenance. Allows quick and safe transfer of liquids from one container to another. High-quality and durable PVC material. Suitable for petrol, diesel, water.

Code	Diameter (mm)	Length (cm)	Hose	Hose Thickness (mm)	Flow Rate (gallons/min)
70002	12,5	160	PVC	2	3,5
70003	22,5			3	10

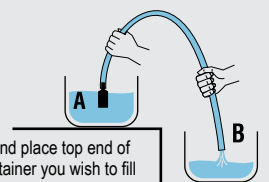


1. Place the bottom end A of the hosepipe into the tank with the liquid that you wish to pump out and hold the top end B of the hosepipe upright



2. Shake the bottom end of the hose vigorously up and down until the liquid rises in the hose, continue pumping until the liquid passes balance level

ATTENTION: Make sure that the empty container is placed below the level of the container you wish to empty



3. Stop pumping and place top end of the hose in the container you wish to fill and the liquid will flow automatically

Fuel Hoses & Connectors



Fuel Primer Bulb with Hose Ø8mm

Code	45386
Hose Material	PVC
Hose Length (m)	2
Bulb Diameter (mm)	39
Bulb Code	44476



Fuel Primer Bulb with Hose Ø8mm

Code	45387	45388
Hose Material	PVC fiber reinforced	
Hose Length (m)	2	3
Bulb Diameter (mm)	45	
Bulb Code	31957	

*With filter



Fuel Primer Bulb for Hose Ø8mm

Code	44476	31957
Diameter (mm)	39	45
Length (mm)	130	150
Hose Diameter (mm)	8	



Fuel Primer Bulb with Hose Ø 8mm & Connectors

Code	Bulb Diameter (mm)	Hose Material	Hose Length (m)	Bulb Code	Connectors for Engine	Connectors Code
198147	39	PVC fiber reinforced	2	45386	Yamaha, Mercury, Mariner, Hidea	31942
198148				45386	OMC, Johnson, Evinrude	31941
198149	45			45387	Yamaha, Mercury, Mariner, Hidea	31942
198150				45387	OMC, Johnson, Evinrude	31941

Mercury 1998 > / Mariner

Fuel Line Tank Male Connector with Ø9,5mm Barb

Code | 43308



Fuel Line Tank Male Connector with Ø8,5mm Barb

Code | 43314



Fuel Line Tank Female Connector with Ø9,5mm Barb

Code | 31942



Fuel Line Tank Female Connector with Ø9,5mm Barb

Code | 31951



Fuel Line Tank Male Connector with Ø10mm Barb, Double

Code | 43324



Tank Male Connector with 1/4" NPT Barb

Code | 43322



Suzuki / Chrysler

Fuel Line Tank Female Connector with Ø 8mm Barb >60 CV, Chromed Brass

Code | 31950



Fuel Line Tank Female Connector with 8mm Barb, Chromed Brass

Code | 31943



Fuel Line Tank Male Connector with 1/4" NPT >60 CV, Chromed Brass

Code | 31946



Yamaha

Fuel Line Tank Male Connector with Ø8,5mm Barb

Code | 43314



Fuel Line Tank Female Connector with Ø9,5mm Barb

Code | 31942



Tank Male Connector with 1/4" NPT Barb

Code | 43322



Fuel Line Tank Male Connector with Ø10mm Barb, Double

Code | 43324



Honda

Fuel Line Tank Female Connector with Ø9,5mm Barb

Code | 43301



Fuel Hoses & Connectors

OMC / Johnson / Evinrude



Code | 43333

Fuel Line Tank Male Connector with Ø10mm Barb, Double



Code | 31941

Fuel Line Tank Female Connector with Ø9,5mm Barb



Code | 43331

Fuel Line Tank Male Connector with Ø1/4" NPT Barb



Code | 43329

Fuel Line Tank Male Connector with Ø6,5mm Barb



Tohatsu / Selva



Fuel Line Tank Male Connector with Ø8mm Barb

Code | 31956



Fuel Line Tank Female Connector with Ø8mm Barb

Code | 31952

Fuel Hose



Code	Material	Internal diameter (mm)	External diameter (mm)
37338	PVC fiber reinforced	7	13
39311	PVC fiber reinforced	10	16

Plastic Ties, 100pcs



Code	Colour	Length (mm)	Width (mm)	Max diameter (mm)
43816	Black	140	3,6	28
43824		200	5	51
43830		360	5	112
43815	White	140	3,6	28
43822		200	5	51
43829		360	5	112

Fuel Delivery Hose Fire Resistant CARBO/7840/A1, Rubber



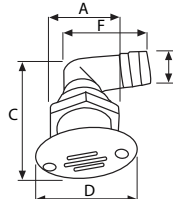
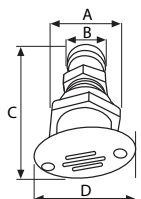
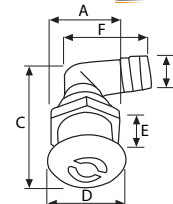
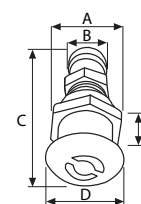
Code	Diameter	
	Internal	External
98551	6mm, 1/4"	16mm
99559	8mm, 5/16"	17mm
98552	10mm, 3/8"	19mm
97592	12mm, 1/2"	22mm
97593	16mm, 5/8"	26mm
97594	19mm, 3/4"	30mm
99005	25mm, 1"	37mm
97601	38mm, 1 1/2"	52mm
97604	51mm, 1 31/32"	64mm

Tank Vents

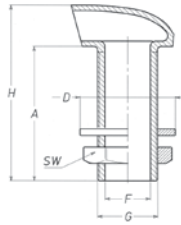
Ventilator for Tank



Code	Description	Colour	A (mm)	Hose Ø B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
37331	Straight	White	29	16	83	41	40	-
31515	Elbow 90°	White	29	16	83	41	40	50
37330	Straight	White	29	16	83	60x40	40	-
31517	Elbow 90°	White	29	16	83	60x40	40	50



Scupper "Space" Set, Chromium Plated Brass



Code	90317	90318	90319	90320	90321	90322
Weight (gr)	160	230	375	550	705	1000
SW (mm)	26	32	38	49	56	68
H (mm)	83	88	98	106	116	124
A (mm)	65	68	75	80	85	90
D (mm)	33	38	48	55	64	77
F (mm)	15	19	25	33	39	50
G (in)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"



Fuel Tank Vent 5/8\"/>

Code | 98738



Fuel Tank Vent

Code	Description
98739	Brass chrome plated
98740	Die cast chrome plated



Fuel Tank Vent 90° Zamak

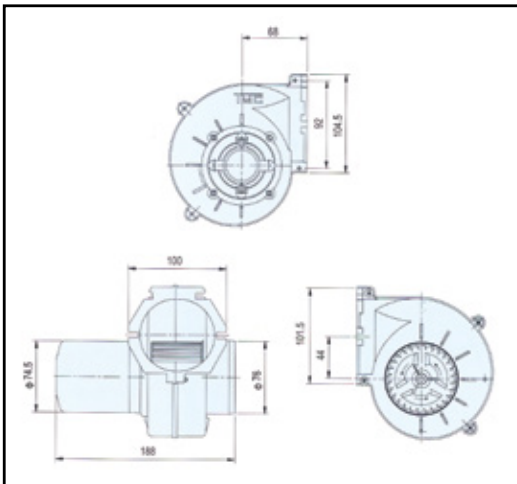
Code | 98741



Fuel Tank Vent, Round Head 90°

Code	Description
98742	Downward gradient
98743	Upward gradient

Engine Blowers



Electric Bilge Blower

Code	Voltage (V)	Intensity (A)	Air (lt/min)
94556	12	3	2500
94557	24	1,5	



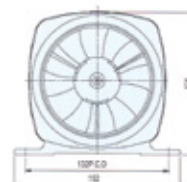
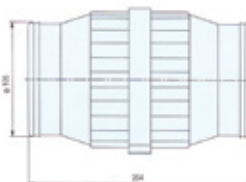
Electric, Bilge Blower, with Bracket

Code	Voltage (V)	Intensity (A)	Air (lt/min)
94558	12	3	2500
94559	24	1,5	



In-line Blower 4"

Code	Voltage (V)	Intensity (A)	Air (lt/min)	Dimensions (mm)			
				L	W	H	Ø
91559	12	10	6500	204	152	131	105
91560	24	5	litr/min				

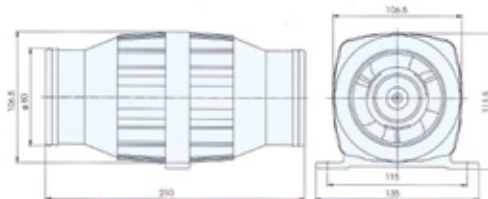


Engine Blowers



In-Line Blower 3"

Code	Voltage (V)	Intensity (A)	Air (lt/min)	Dimensions (mm)			
				L	W	H	Ø
91557	12	4,5	3452	210	135	111,5	80
91558	24	2,5	lt/min				



Oil Change Equipment



Oil Change Pump, L300mm, Brass Body

Code | 99128



Oil Extractor, 4 Liter Capacity

Code | 99565

Fuel / Water Separators

new



Water Separating Fuel Filter, Racor S3227 Type

Code | 74878



Replacement Water Separating Fuel Filter, Racor S3227 Type

Code | 74879



Replacement Clear Bowl for Water Separating Fuel Filter, Racor S3227 Type

Code | 42447

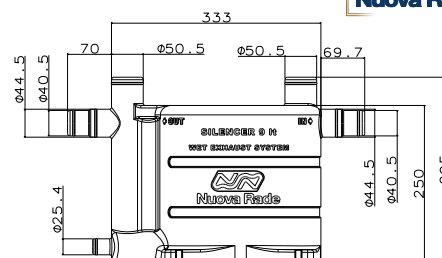
Exhaust Components



Inlet sizes: 50.5-44.5-40.5mm
Outlet sizes: 50.5-44.5-40.5mm
Drain size: 25.4mm

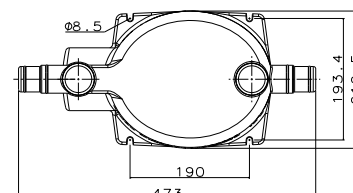
Code | 73596

Nuova Rade



Boat Waterlock and Exhaust Silencer 9L, Oval, Black

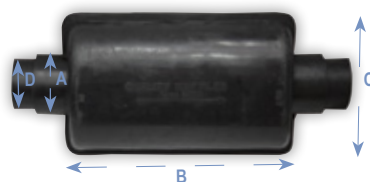
The Boat Waterlock & Silencer is designed to prevent exhaust water backflow and reduce noise produced by the exhaust to minimum. This heavy-duty waterlock and muffler is recommended for most sailboats and motor yachts with gasoline or diesel engines and water cooled generator sets up to 30HP. Compact design facilitates durable installation with 4 screws x 8mm. It is constructed of high density rotational molded polyethylene which is impervious to corrosion or deterioration from salt water or exhaust from gas. Also, it is resistant to all temperatures normally experienced in water-cooled (wet-type) exhaust systems. With a 25.4 mm drain outlet for system cleaning.





Neoprene Connection with Inox Flange

Code	99711	99712	99713
Diameter (mm)	40	50 / 60	75 / 90



Neoprene Muffler

Code	For Engines	A* (mm)	B (mm)	C (mm)	D* (mm)
99707	Gasoline up to 40HP & Diesel up to 20HP	60	173	138	49
99708	Gasoline up to 120HP & Diesel up to 50HP	70	268	170	60

*Internal Diameter

Drain Plugs



Drain Socket with Plug



16688



95781
95782



43462
43463



43468



43469



16689



43478
43477



16691



16690



16797

Code	Specifications	Colour	Flange Dimensions (mm)	Overall Height (mm)	Height of Socket (mm)	Cutout Diameter (mm)	Depth Below Deck (mm)	Mini Internal Diameter (mm)
16688	Plain	White	48 x 36	28	19,5	27	15	19
16689	With 2 holes	White	48 x 36	28	19,5	27	15	19
43462	With captive plug	White	54 x 33	55	25	27	20	19
43463	With captive plug	Black	54 x 33	55	25	27	20	19
95781	With captive plug	White	60x30	52	23	27	18	19
95782	With captive plug	Black	60x30	52	23	27	18	19
43468	With captive plug	White	Ø 40	55	25	27	20	19
43469	With captive plug	Black	Ø 40	55	25	27	20	19
43478	With 4 holes	Black	Ø 43	38	27	25	22	16,5
43477	With 4 holes	White	Ø 43	38	27	25	22	16,5
16691	With captive plug	White	Ø 46	63	27	28	21	19
16690	Plain	White	Ø 48	76	66	28	62	19
16797	"Fast Lock"	White	Ø 43	107	96	27	91	19



Buoyancy Tank Drain Socket, with Captive Plug
Internal diam.: 18 mm
External diam.: 23 mm

Code | 16687



Non-return Drain Valve, with Plug for 25mm Transom, Grey, Set

Code | 74449

Code	Colour
45276	White
45277	Black



Captive Plug with O-Ring for Drain Socket

Code | 16713



Plug for Drain Socket, White

Windshield Motors & Arms



Heavy-duty Marine Wiper Motor, with 1" Shaft, 110°

Code	Volt
98107	12
98108	24

Pin Diameter: Ø14 mm



Heavy-duty Wiper Motor, with 2-1/3" Threaded Shaft, Screw-on Type, 83°

Code	Volt
98109	12
98110	24



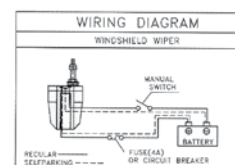
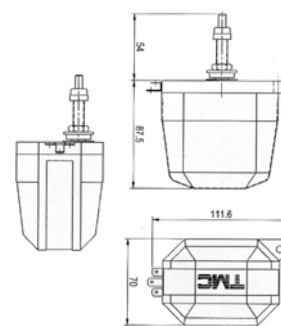
Heavy-duty Wiper Motor, 2 Speeds, with 2" Shaft

Code	Volt	Angle
94548	12	110°



Water-resistant Wiper Motor

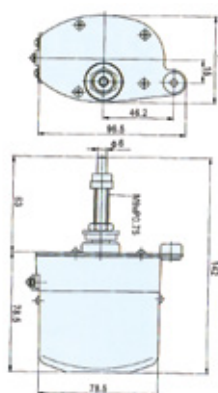
Code	Volt	Angle
94546	12	90°



Marine Wiper Motor, Inox Housing



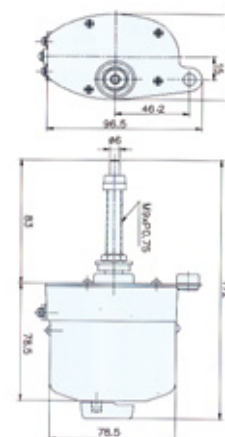
Code	Volt	Angle
99811	12	90°



Wiper Motor



Code	Volt	Angle
94542	12	90°
94545	24	110°



Adjustable, Single Wire Arm

Code	Wire arm Length (cm)	Wiper blade Length (cm (in.))
98112	27 ~ 36,5	35 (14")
98113	33 ~ 42,5	41 (16")



Hand Wiper, Arm and Blade, Complete Set

Code	Length cm (in.)
99805	28 (11")
99806	35 (14")



Parallel Wiper Arm

Code	Length cm (in.)
98115	41 (16")

Wiper Arm

Code	Description	Length cm (in.)
94530	Inox	28 (11")
94531		35 (14")
94532	Heavy duty Inox	28 (11")
94533	Heavy duty Inox with angle	35 (14")



Pairing wiper arm with wiper motor

Motor \ Arm	94542	94544	94545	98107	98108	98109	98110	99811	99819	94548	94546
94530	•	•	•					•	•		•
94531	•	•	•					•	•		•
94532				•	•					•	
94533				•	•					•	
98114				•	•					•	
98115					•					•	
98112						•	•				
98113						•	•				



Wiper Blades

Code	Description	Length cm (in.)
94534	Standard	28 (11")
94535		35 (14")
94536	Heavy duty	28 (11")
94537		35 (14")
94538		41 (16")
94568	Curved wiper blade, black	30,5(12")

Marine Horns

LALIZAS



Signal Horn 380ml, Set

Acoustic range approximately 1500 m.

Instructions

1. Install horn by screwing it on the pressurized container
 2. To operate press down the horn
 3. Signal horn must always be used in upright position
- Do not store the pressurized container in direct sunlight. Do not expose to temperatures exceeding 40° C. Do not pierce or burn, even after use.

Code | 10033



Refill Horn Canister, 380ml

Code | 10032



Fog Horn Head Only

Code | 10031



Signal Horn ECO 300ml, Set

Code | 72327



Refill Canister 300ml for Signal Horn ECO 72327

Code | 72903



Horn, Inox, 12V, 7,6x5cm

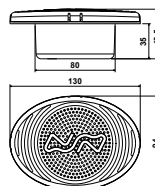
Code | 90739

Flush mount Electric Horn



It features loud sound and tone, perfect for marine signaling. Ideal for small boats, featuring a very easy installation, with removable front panel, and a perfect fit for installation on steering wheel consoles.

- Electromagnetic type
- Material: White ASA, UV-resistant
- Water-resistant
- Dimensions: 130 x 94 x 49.5 mm
- Drilling Hole: Ø 80mm



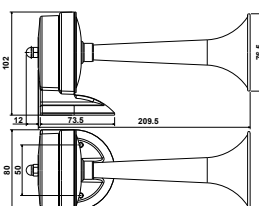
Code	74305
Sound Intensity (dB)	>100
Fundamental Frequency (Hz)	400
Maximum Amp. draw (A)	1,5
Voltage (V)	12

Trumpet Electric Horn



It features loud sound and tone, perfect for marine signaling. Ideal for small boats, having easy installation. Available in two colours (white & chrome).

- Electromagnetic type
- High sound output
- Material: ASA, white or chrome plated, UV-resistant
- Water-resistant
- Dimensions: 102 x 223 x 80 mm



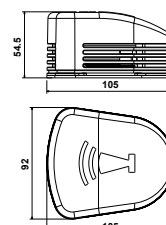
Code	74306	74308
Sound Intensity (dB)	>100	
Fundamental Frequency (Hz)	350	
Maximum Amp. draw (A)	1,5	
Voltage (V)	12	
Colour	White	Chrome

Compact Electric Horn



It features loud sound and tone, perfect for marine signaling. Ideal for small & medium boats, with easy installation and modern shape. Available in two colours (white & chrome).

- Electromagnetic type
- Material: ASA, white or chrome plated, UV-resistant
- Water-resistant
- Dimensions: 105 x 92 x 54.5 mm



Code	74307	74309
Sound Intensity (dB)	>100	
Fundamental Frequency (Hz)	400	
Maximum Amp. draw (A)	1,5	
Voltage (V)	12	
Colour	White	Chrome



Electric Air Horn

White horn with electric compressor, tubing and mounting hardware.



Electric Air Horn

White horn with electric compressor, tubing and mounting hardware.

Code	Voltage (V)	Maximum Amp. draw (A)	Sound Intensity (A)	Fundamental Frequency (dB)	Length (mm)	Diameter (mm)
71733	24	10	123	315	460	200

Code	Voltage (V)	Maximum Amp. draw (A)	Sound Intensity (A)	Fundamental Frequency (dB)	Length (mm)	Diameter (mm)
71734	12	20	123	315	460	200
71735	24	10				



Small Horn

Small electropneumatic horn with high sound output. It comes with a trumpet of white ABS material, electric compressor, tubing, relay and mounting hardware.



Code	Voltage (V)	Maximum Amp. draw (A)	Sound Intensity (dB)	Fundamental Frequency (Hz)	Weight (kg)	Length (cm)
99154	12	16	116	420	1	25cm
99256	24	8				

Electric Air Horn

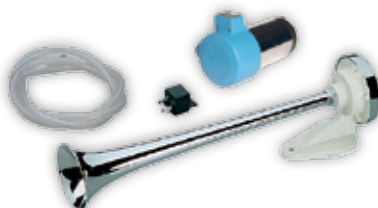
Twin-tone air horn with two plastic chromed trumpets. It comes with electric compressor, tubing, relay and mounting hardware.



Code	Voltage (V)	Maximum Amp. draw (A)	Sound Intensity (dB)	Fundamental Frequency (Hz)	Weight (kg)	Length (cm)
97942	12	18	111	326/412	1,2	39
97943	24	9			1,3	

Electric Air Horn

Single air horn, entirely manufactured of non-corrosive materials. Plastic chromed trumpet with compressor, tubing, relay and mounting hardware.



Code	Voltage (V)	Maximum Amp. draw (A)	Sound Intensity (dB)	Fundamental Frequency (Hz)	Weight (kg)	Length (cm)
97938	12	18	114	326	1	39
97939	24	9			1,7	

Electric Air Horn

Air horn with dual sound. It has two metal chromed trumpets and comes with electric compressor, tubing, relay and mounting hardware.



Code	Voltage (V)	Maximum Amp. draw (A)	Sound Intensity (dB)	Fundamental Frequency (Hz)	Weight (kg)
97940	12	16	118	692 / 756	1,1
97941	24	8			

Electric Air Horn

Single electromagnetic horn with stainless steel trumpet, bracket and membrane. New support design with integrated cable. It comes complete with mounting hardware.



Code	Voltage (V)	Maximum Amp. draw (A)	Sound Intensity (dB)	Fundamental Frequency (Hz)	Weight (kg)	Length (cm)
97946	12	6	119	370	0,9	40
97948	24	3				

Electric Air Horn

Single electromagnetic horn. Acoustic unit carefully protected and manufactured of non-corrosive materials. Entirely chrome plated, complete with mounting hardware.



Code	Voltage (V)	Maximum Amp. draw (A)	Sound Intensity (dB)	Fundamental Frequency (Hz)	Weight (kg)
97944	12	5	114	490	0,5

Sensor for Fuel & Water Tank

(12/24V, Inox 316, SAE5)



Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197347	Fuel & Water	150	0 - 190	Sogliola
197348		200		For custom made tank
198296		225		Diablo H230mm
197349		245		Ercole - Bora
197350		300		Diablo H305mm
197351		350		
197352		400		
197353		450		For custom made tank
197354		500	240 - 33	Sogliola
197355		600		For custom made tank
197356		150		Diablo H230mm
197357		200		Ercole
198297		225		Diablo H305mm
197358		245		
197359		300		For custom made tank
197360		350		
197361		400		
197362		450		
197363		500		
197364		600		



Sensor for Fresh Water & Waste Tank

(12/24V, Inox 316, SAE5)

Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197365	Fresh Water & Waste Water	150	240 - 33	Diablo H230mm - Sogliola
198298		225		Diablo H230mm
196911		245		Diablo H305mm - Ercole
197367		350		Bora - Blizzard
196909		480		For custom made tank
196910		690		Zefiro 40lt
				Zefiro 60lt

Sender for Fuel or Diesel Tank

(12/24V, Inox 316, SAE6)



Code	Use Type	Height (mm)	Impedance (Ohm)	Suitable for
197070	Fuel	210	0 - 190	Mistral
197077		233		
197180		272		
197068		293		
197066		315		
197067		330		For custom made tank
197073	Diesel	195		
197075		233		
197076		293		

Level Gauge

12/24V, Ø62mm, Black



Code	Use Type	Impedance (Ohm)	Internal Ø (mm)
197341	Fuel	0 - 190	52
197342		240 - 33	
197343	Water	0 - 190	
197344		240 - 33	
197345	Waste	0 - 190	
197346		240 - 33	

Optimist Accessories

57353



57354



Optimist Buoyancy Tube with Valve, Grey

Code	Material	Maximum Air Pressure	Dimensions (cm)
57353	PVC	0,5PSI	41x100
57354	Nylon with TPU	3,6PSI	

Optimist Boat Cover

It protects your Optimist from heavy wear and prolongs its life. Optimist boat cover drapes the entire dinghy and closes tightly for storage. It is made of heavy duty 600D Polyester with PVC backing and ripstop reinforcement to resist in rough weather conditions.

Code | 70174



Optimist Hiking Straps, L 1,5m W 5cm

Optimist hiking straps hold sailor's feet when hiking and absorb individuals' shocks from rough sailing. Our straps are made of 600D Polyester with PVC backing. They are filled with NBR foam in the middle for water resistance and pleasant feel. The straps are put together on their one edge, so as to adjust them according to the length of your feet. The straps are loose on their other edge to tie them on your Optimist using a plate or buckle.

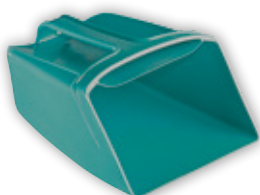
Code | 70175



Laser Boat Cover

It protects your Laser from heavy wear and prolongs its life. It is made of heavy duty Polyester with PVC backing (thickness 0,5 mm) to resist in rough weather conditions

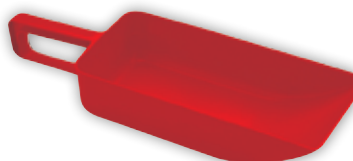
Code | 71296



**Bailer Flexible, Floating,
Petrol Blue**

length 190mm x width 135mm

Code | 16207



Bailer Rigid, Red

length 365mm x width 110mm

Code | 44676



Bailer Rigid, White

length 410mm x width 220mm

Code | 44680



**Bailer Funnel with Filter,
Red**

length 290mm x width 110mm

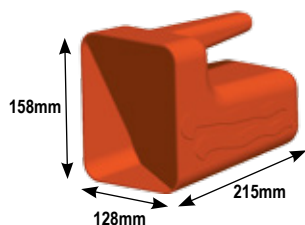
Code | 44677



Bailer Svezia, Red

length 320mm x width 160mm

Code | 44679



**Bailer for Water
Removing, 2,5L, Orange**

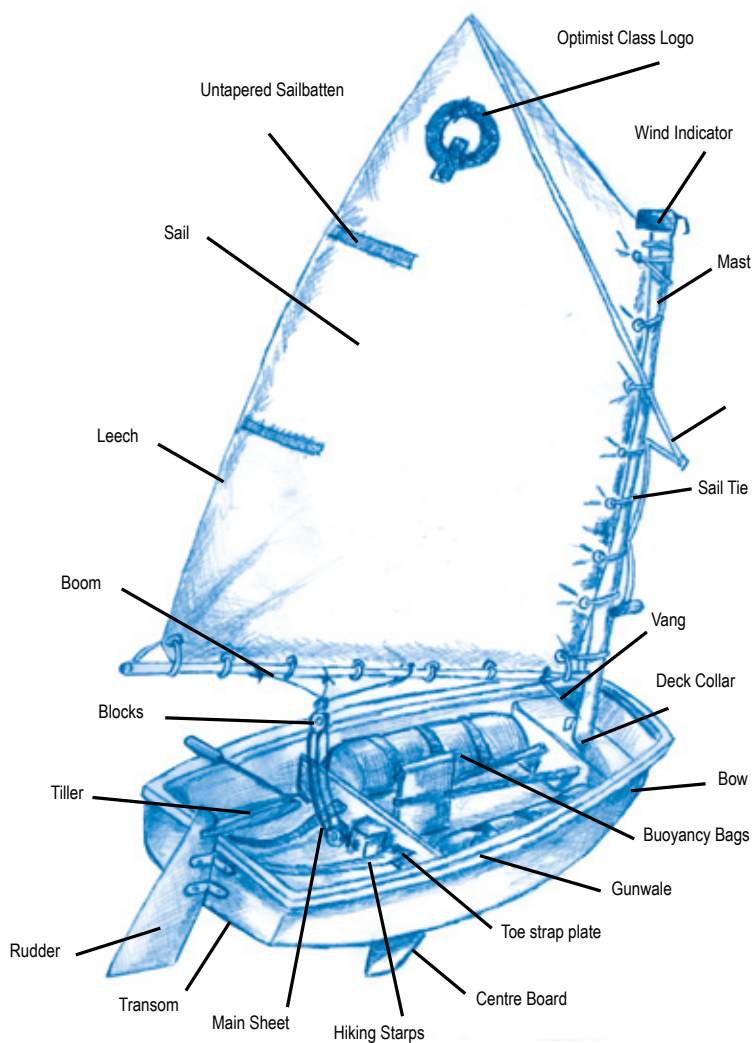
Code | 11919



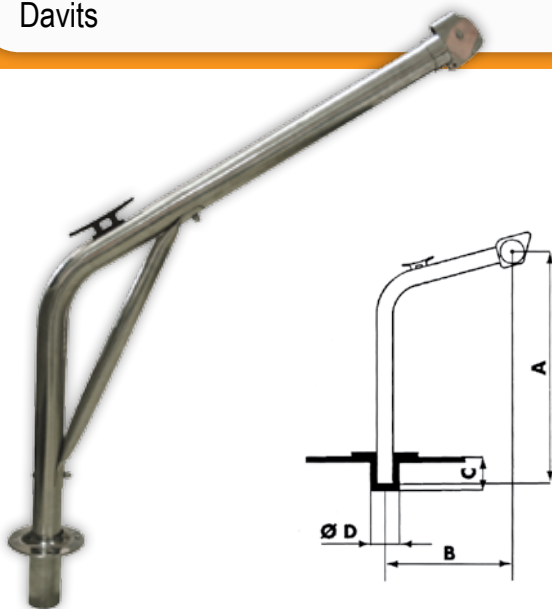
**Deck Collar for
Optimist,
Ø 57mm**

Code | 70139

Optimist Accessories



Davits



Davits, AISI 316

Code	A (mm)	B (mm)	C (mm)	D (mm)	Tube Diameter (mm)	Lift Weight (kg)
70141	1200	650	120	45	40	60
70142	1200	750	160	64	60	85

Electric Winch, AnchorWinch, 12V, 2000lb/1000kg

The AnchorWinch electric trailer winch of 2000lbs capacity features a unique mounting plate which allows you to temporarily or permanently mount it on any flat surface. It also features a built-in carry handle. It is supplied with a 15' (4.5m) power cable, a mounting plate & a hand crank.

Technical Characteristics

Magnet Motor: 12V DC, Max 40A, 0,4hp(0,30kw)

Pulling Capacity: 2000lbs / 1000kg

Line Speed: 6' (1,8m/min) with load

Wire Rope (Diam. x L): 0,2" x 30' (5,1mm x 9m)

Power Cord: 15' (4,5m) / 9,9'(3m)

Code | 71143



Trailer Winch Safety Tips

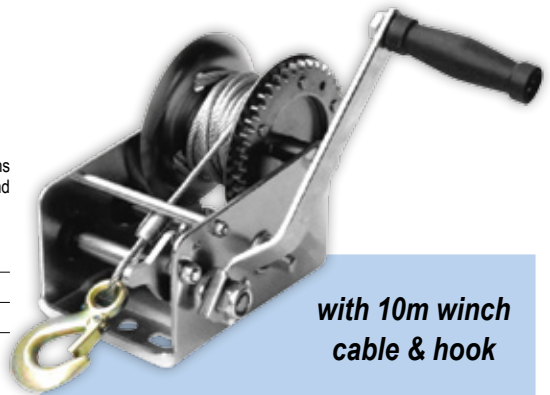
- Trailer winches are not tie downs. To prevent mishaps, use dedicated bow and stern tie downs to secure your boat on the trailer
- Make sure you have secure footing and proper leverage when using manual winches. Slips and falls by winch operators and injuries from winch handles that kick back are common boat ramp accidents.
- To avoid chafe on the winch line, be sure it doesn't rub against any sharp edges on the winch stand or trailer. If frayed or worn spots appear, replace the winch line immediately with a new rope, strap, or cable of the proper type, size, and strength. Cable life can be extended by frequently lubricating it with wire rope lubricant so the strands of cable slide by each other with less friction. Lubricating your winch cable will also reduce the number of snags and frays in the cable.



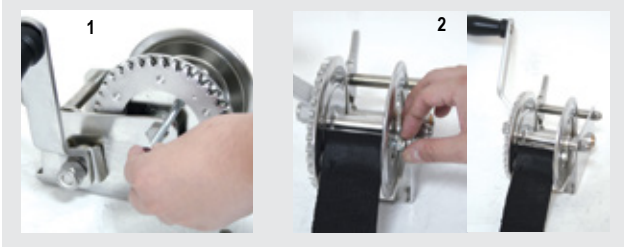
Trailer Winch, Manual, Single & Double Gear, Carbon Steel, with 10m Winch Cable & Hook

The Seaware winches are made of corrosion-resistant, carbon steel for prolonged life. Our winches feature 3 positions (forward, neutral and reverse), adjusted by their comfortable handle. The various gear ratios reduce user effort and increase pulling efficiency. The capacity of Seaware winches range from 636 to 1135kg.

Code	Capacity	Gear Ratio
11880	1400 lbs / 636kgs	4:1
11881	1800 lbs / 815kgs	4:1
11882	2500 lbs / 1135kgs	4:1 & 8:1



Trailer Accessories



Winch Strap

Code	Capacity (kgs)	Length (m)	Width (mm)
72151	2000	10	50

Pass the pin through the hole of the drum, at the spur gear's side and then through the strap loop (picture 1). Screw the bolt to secure the pin on the drums (picture 2).





Winch Cable with Hook

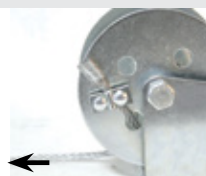
Code	Capacity (Kg)	Length (m)	Diameter (mm)
99599	1700	6	5
99600	1700	10	5

There are 2 ways to attach the winch cable on the winch.

1st way

Use the cable clamp to attach the edge of the winch cable on the drum.

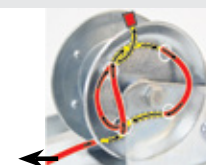
Boat Position



2nd way

Follow the arrows to fix the cable on the winch by passing it through the 4 holes on the drum.

Boat Position



Carbon Steel

Ratchet Tie-Down with Double J Hook

Code	99013	99014	99015
Width (mm)	30	35	50
Length (m)	7	8	10
Breaking Load (kg)	1500	2500	5000



Carbon Steel

Ratchet Tie-Down with S Hook

Code	99012
Width (mm)	25
Length (m)	6
Breaking Load (kg)	500



Tie Down Strap with Self Pad

Code	99006	99007
Width (mm)	25	25
Length (m)	2,5	4
Breaking Load (kg)	250	250



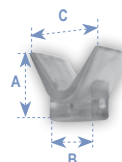
Bow Roller, Polymer, Black

Code	99610	99611
Total Diam. (mm)	70	92
Width (mm)	76	102
Int Diam. (mm)	18	18



Spool/Keel Roller, Polymer, Black

Code	99612	99613	99614
Total Diam. (mm)	70	76	83
Width (mm)	102	203	254
Int Diam. (mm)	16	19	16



Bow Stop, Polymer, Black

Code	99615	99616
A (mm)	76	76
B (mm)	76	76
C (mm)	89	104



Rubber Bow Roller 6/8" Hole, 1,6cm

Code | 99090



Spool Keel Roller Light Duty, Molder Rubber

Code	99626
Total Diam. (mm)	76
Width (mm)	102
Int Diam. (mm)	16



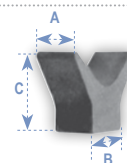
Keel Rollers, Molded Rubber

Code	99091	99092
Length (cm)	20 (8")	25 (10")



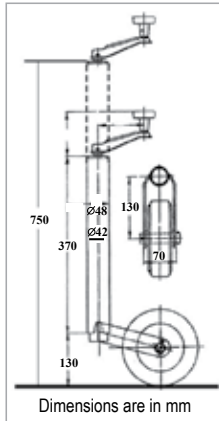
Wobble Roller, Polymer, with Bore, Black

Code	99617	99620
Total Diam. (mm)	111	108
Width (mm)	76	102
Int Diam. (mm)	20	20



Bow Stop, Molded Rubber

Code	99624	99625
A (mm)	51	79
B (mm)	64	76
C (mm)	89	95



Jockey Wheel

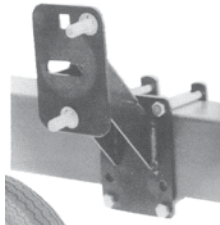
Made of quality steel and features rubber wheel for maximum support of the frame of the trailer. It can reach up to 750mm max. height, while the min. height is 500mm.

Code	99634
Capacity (kg)	360
Minimum Height (mm)	500
Maximum Height (mm)	750
Wheel dimensions (mm)	200x50



Spare Wheel For Jockey Wheel, 200x50mm

Code 90288



Mount for Trailer Spare Tire

Code 99627

Trailer Lights & Sockets



Dome Light / Trailer Light, 2 LEDs, Black, 2 pcs

- 77x36x21mm
- 12 & 24V DC, Multivolt
- 2,6W
- 15 lm
- Waterproof

Code 71237



Dome Light / Trailer Light, 12 LEDs, Black, 2 pcs

- 104x60x26mm
- 12 & 24V DC, Multivolt
- 2,6W
- 90 lm
- Waterproof

Code 71235



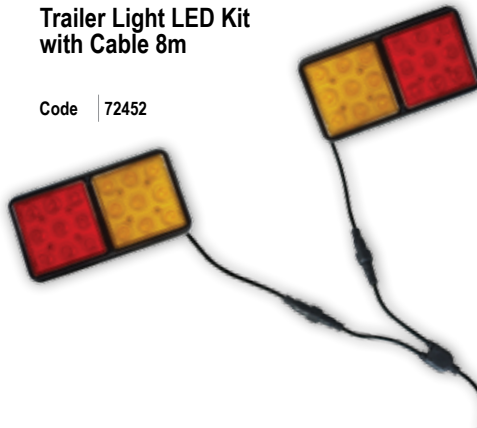
Dome Light / Trailer Light, 25 LEDs, Black

- 200x58x30mm
- 12 & 24V DC, Multivolt
- 2,6W
- 187,5 lm
- Waterproof

Code 71236

Trailer Light LED Kit with Cable 8m

Code 72452



- Overall size: 2pcs - 186x100x27,4mm
- Each trailer light 18LEDs, 9 Amber & 9 Red
- Multi-Working Voltage: 12V & 24V
- Low power consumption
- Longer life
- Easy to install
- Waterproof
- Shockproof
- Vibrationproof
- Rustproof

LED Trailer Light, Waterproof

- Application: Stop / Tail / Indicator Light
- Multi-Working Voltage: 12V & 24V
- Low Power Consumption
- Longer Life
- Easy to Install
- Waterproof
- Shockproof
- Vibration proof
- Rustproof



Code	90006	90007
Description	Double	Single
Dimensions (mm)	190x100x28	100x100x28



Trailer Plug Male, 7-pin, for 11887 Plug

Code 99605



Trailer Plug Female, Fixed, 7-pin

Code 11887



Deck Equipment



Deck Hatches	181-195	Handles & Handrails	223-224
Inspection Hatches	195-197	Screws, Nuts & Washers	224-226
Storage Hatches	197-198	Pilot Seats & Pedestals	226-228
Portlights - Escape Hatches	199-201	Buoyant Deck Cushions	228
Hatch Accessories	202	Tables & Pedestals	228-229
Deck Fillers	202-204	Deck Chairs & Tables	229
Ventilation Systems	205	Bimini Tops & Shades	230-232
Utility Cases	205-211	Bimini Hardware	233-235
Pad Eyes	212-213	Tarpaulin Covers	236
Shackles	213-215	Boat & Engines Covers	236-238
U-Bolts & Cleats	215-217	Cover Support	238
Hinges	217-219	Welcome Mats & Carpets	239
Rails Hardware	220-221	Flags & Accessories	239-240
Locks/Door Hooks/Barrel Bolts	222-223		

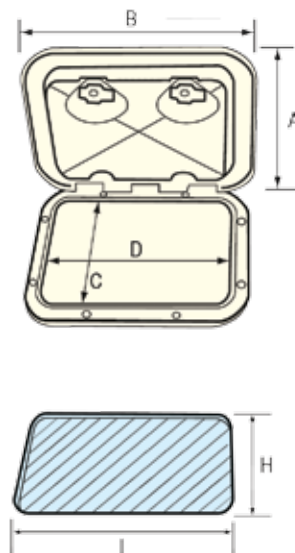
Besides from the must-have equipment that is needed for a boat, there are also some other accessories that could be useful while your boat is at sea or anchored.

For your convenience, MARINA Stores offer deck hardware accessories, such as deck plates & hatches, bugbusters, rail hardware, locks & hooks, hinges, handrail, screws, nuts & washers, flags & accessories. In this category you can also find high-quality boat covers, canopies or bimini tops in order to protect your boat and your outboard engine from heavy weather conditions and high temperatures.

All products are made of premium materials for high durability and resistance to the marine environment.

353x606mm
315x440mm
270x375mm

243x607mm
370x375mm
460x525mm






Combine with
Polyurethanes
page 402

**KROME Hatch**

- With chromed handles
- UV-resistant high-grade ASA

Code	Colour	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
196513	White	270	375	193	293	200	300
196514		315	440	237	357	243	363
196515		353	606	274	520	283	530
196516		243	607	162	521	173	530
196517		370	375	292	292	300	300
196518		460	525	382	433	390	445

Optional Spare Parts

Lock	Handle	Gasket
		
44813	196494 (chromed)	44554 (1,7m)

Deck Equipment

270x375mm




Top Line**TOP LINE Hatch**

UV-resistant high-grade ASA




 * CE ISO 12216

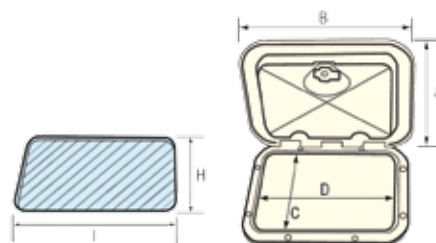


Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196279*	Standard	White			
196293		Grey			
196286		Cream			
197267		Black			
196280	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream) 198133 (Black)	44554 (1,7m)
196294		Grey			
196287		Cream			

Combine with
Screws
page 226-227



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
270	375	193	293	200	300



Top Line

TOP LINE Storage Hatch

UV-resistant high-grade ASA



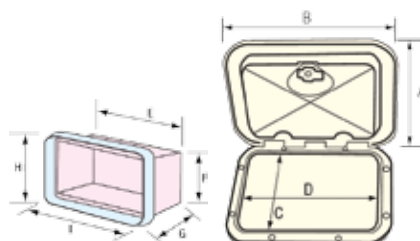
270x375mm



Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196281	Standard	White			
196295		Grey			
196288		Cream			
198055		Black			
196282	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream) 198133 (Black)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
270	375	193	293	270	170	160	210	305



TOP LINE Storage Hatch with Drawers

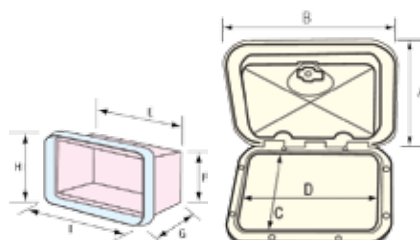
UV-resistant high-grade ASA



Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196283	Standard	White			
196297		Grey			
196290		Cream			
196284	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
270	375	193	293	270	170	160	210	305



315x440mm

TOP LINE Hatch

UV-resistant high-grade ASA



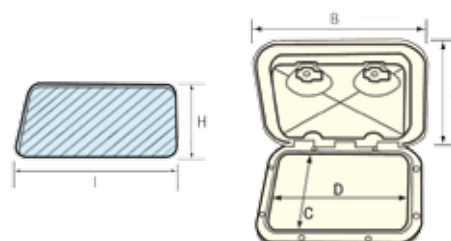
Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196300*	Standard	White			
196306*		Grey			
196303*		Cream			
198017*		Black			
196301	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)



* CE ISO 12216



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
315	440	237	357	243	363



353x606mm






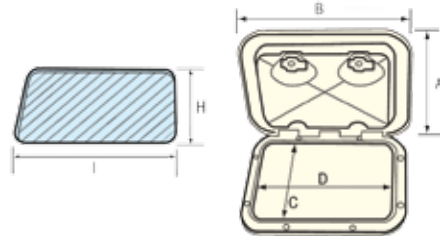
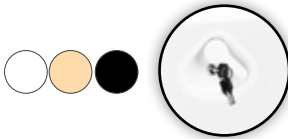
* CE ISO 12216



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
353	606	275	520	283	530

TOP LINE Hatch
 UV-resistant high-grade ASA

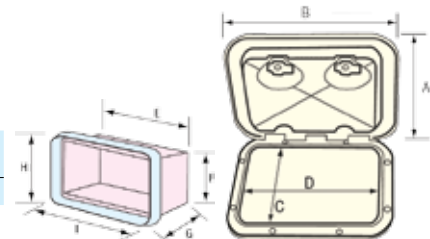
Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196256*	Standard	White			
196317*		Grey			
196312*		Cream			
197294*		Black			
196309	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream) 198133 (Black)	44554 (1,7m)
196318		Grey			
196313		Cream			


 Combine with
 Polyurethanes
 page 402


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
353	606	275	520	495	250	325	290	540

TOP LINE Storage Hatch
 UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196310	Standard	White			
196314		Cream			
198065		Black			
196311	With lock	White	44813	44206 (White) 47738 (Cream) 198133 (Black)	44554 (1,7m)
196315		Cream			



243x607mm



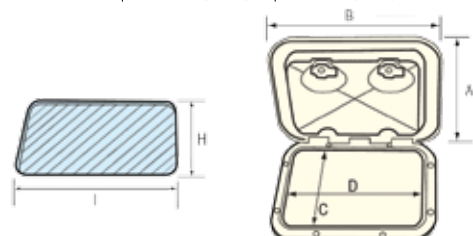
* CE ISO 12216



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
243	607	162	521	173	530

TOP LINE Hatch
 UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196322*	Standard	White			
196328*		Grey			
196325*		Cream			
198020*		Black			
196323	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream) 198133 (Black)	44554 (1,7m)






243x607mm

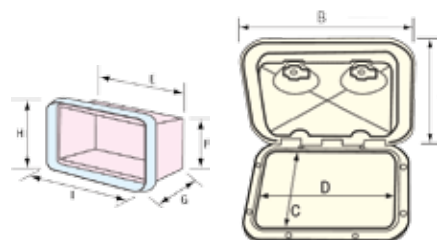


TOP LINE Storage Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196657	Standard	White			
196661		Grey			
196659		Cream			
196658	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
243	607	162	521	505	151	194	177	535






Combine with
Screws
page 226-227



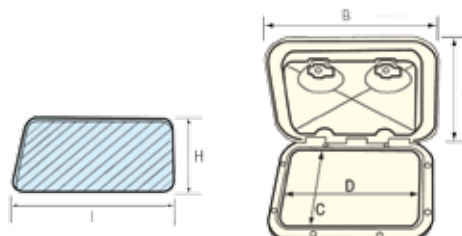
Deck Equipment

TOP LINE Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
198151	Standard	White			
			44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
272	657	570	192	201	580






370x375mm

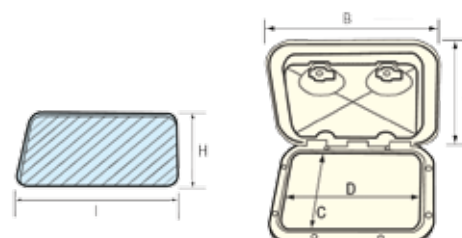


TOP LINE Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196331*	Standard	White			
196341*		Grey			
196336*		Cream			
198018*		Black			
196332	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream) 198133 (Black)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
370	375	293	293	295	295






* CE ISO 12216



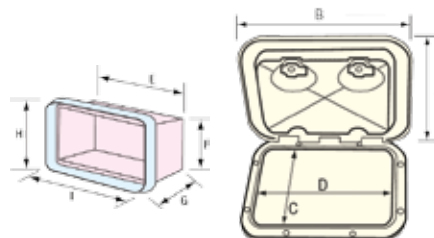
370x375mm


TOP LINE Storage Hatch
 UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196333	Standard	White			
196343		Grey			
196338		Cream			
196334	With lock	White	44813	44206 (White)	44554 (1,7m)
196344		Grey		44207 (Grey)	
196339		Cream		47738 (Cream)	






A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
370	375	293	293	308	308	256	305	305


 Combine with
 Polyurethanes
 page 402


460x525mm

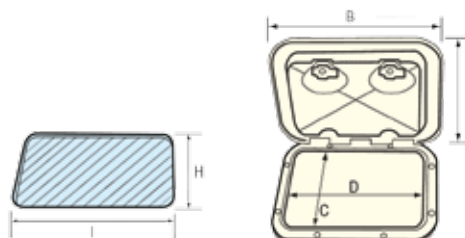

TOP LINE Hatch
 UV-resistant high-grade ASA




Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196346*	Standard	White			
196356		Grey			
196351		Cream			
198019		Black			
196347	With lock	White	44813	44206 (White)	44554 (1,7m)
196357		Grey		44207 (Grey)	
196352		Cream		47738 (Cream)	



* CE ISO 12216

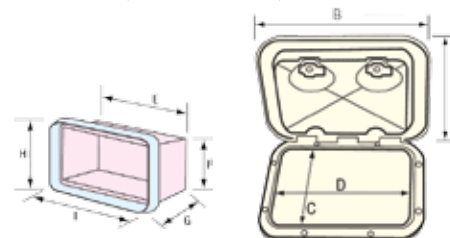
A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
460	525	382	433	390	445


TOP LINE Storage Hatch
 UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196348	Standard	White			
198066		Black			
196349	With lock	White	44813	44206 (White) 198133 (Black)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
460	525	382	433	410	350	330	395	445







370x390mm

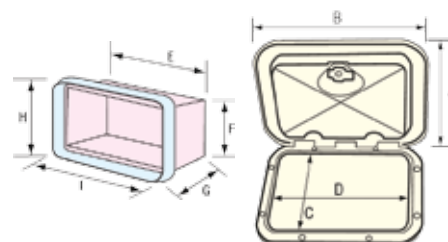
TOP LINE Storage Hatch for Gas Bottle 3kg
 UV-resistant high-grade ASA

 Supplied with fixing strap
 (43895) for the gas bottle

 To be installed as per DIR
 24/25 EC ANNEX 1 PAR

Code	Model	Colour	Optional Spare Parts			
			Lock	Handle	Gasket	Strap
196257	Interrupted gasket	White				
196258		Cream				
196259	Whole gasket	White	44813	44206 (White) 47738 (Cream)	44554 (1,7m)	43895 (1,3m)

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
370	390	289	323	330	300	270	305	338






Code | 43895

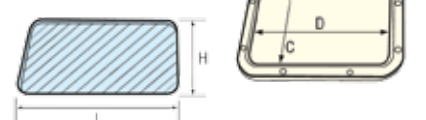


Strap Fixing, L.1,30m

Door for TOP LINE Storage Gas Container
 UV-resistant high-grade ASA


Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196845	Interrupted gasket	White	 44813	 44206 (White)	 44554 (1,7m)




A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
370	390	289	323	305	338



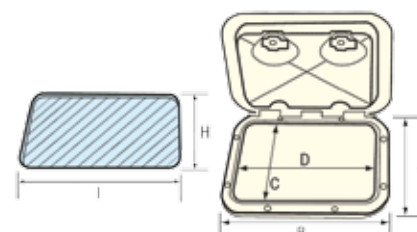
Mid Line

355x600mm

MID LINE Hatch
 UV-resistant high-grade ASA


Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196849	Standard	White	 44813	 44206 (White)	 44554 (1,7m)
196852	With lock	White			

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
355	600	250	500	282	529





 Combine with
 Screws
 page 226-227

355x600mm



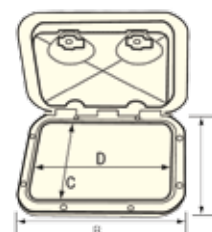
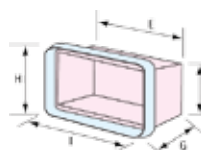
MID LINE Storage Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196855	Standard	White			
196858	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
355	600	250	500	520	280	320	285	535






278x378mm



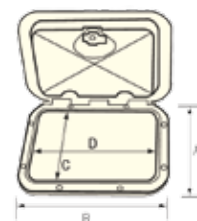
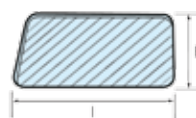
MID LINE Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196812	Standard	White			
196815	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
278	378	175	275	198	296






Combine with
Polyurethanes
page 402



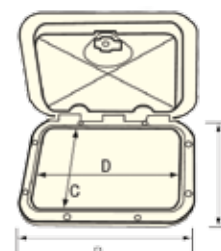
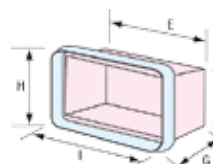
MID LINE Storage Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196818	Standard	White			
196821	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
278	378	175	275	270	170	160	210	305






Mid Line

278x378mm



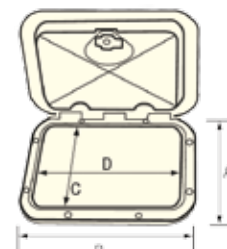
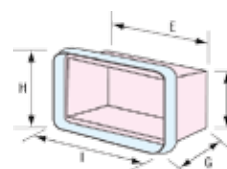
MID LINE Storage Hatch with Drawers

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196824	Standard	White			
196827	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
278	378	175	275	270	170	160	210	305






380x380mm



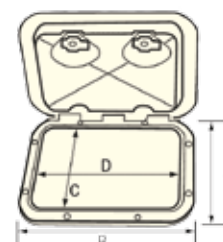
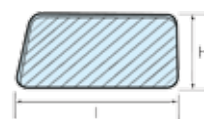
MID LINE Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196833	Standard	White			
196836	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
380	380	275	275	298	298






Combine with
Screws
page 226-227



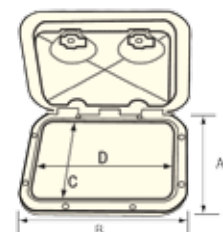
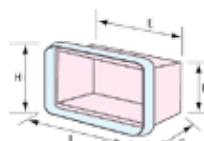
MID LINE Storage Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196839	Standard	White			
196842	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
380	380	275	275	308	308	256	315	315






275x375mm

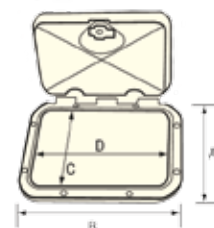
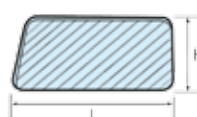


A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
275	375	180	280	198	298

CLASSIC Hatch




UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196567	Standard	White			
196577		Grey			
196586		Cream			
196569	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)



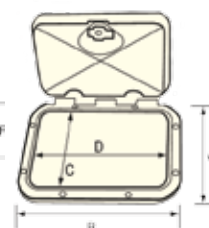
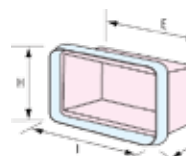
CLASSIC Storage Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196570	Standard	White			
196571	With lock	White			
			44813	44206 (White)	44554 (1,7m)






A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
275	375	180	280	270	170	160	210	305



CLASSIC Storage Hatch with Drawers

UV-resistant high-grade ASA

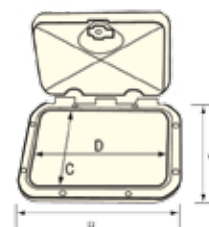
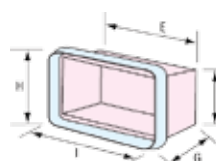
Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196572	Standard	White			
196573	With lock	White			
			44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
275	375	180	280	270	170	160	210	305



Supplied with screw hole covers

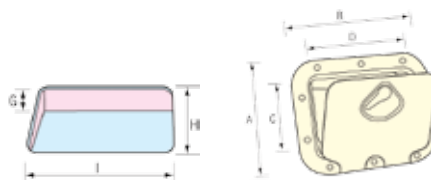


Classic**275x375mm****CLASSIC Hatch with Storage Bag**

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196574	Standard	White			
196575	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
275	375	180	280	220	198	298



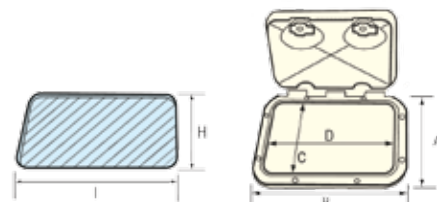
Combine with
Screws
page 226-227

355x600mm**CLASSIC Hatch**

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196596	Standard	White			
196604		Grey			
196598	With lock	White	44813	44206 (White) 44207 (Grey)	44554 (1,7m)

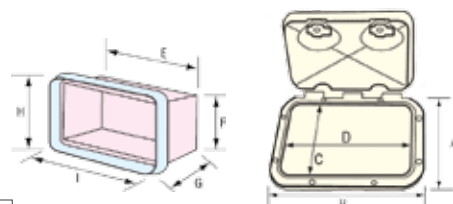
A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
355	600	255	500	275	529

**CLASSIC Storage Hatch**

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196599	Standard	White			
196600	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
355	600	255	500	495	245	291	280	535



Combine with
Polyurethanes
page 402






Supplied with screw hole covers

355x600mm



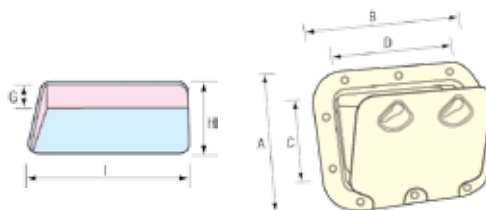
CLASSIC Hatch with Storage Bag

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196601	Standard	White			
196602	With lock	White	44813	44206 (White)	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
355	600	250	500	220	275	524






463x517mm

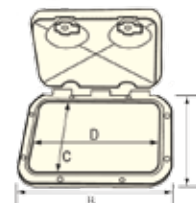
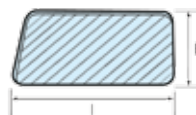


CLASSIC Hatch

UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196619	Standard	White			
196626		Grey			
196633		Cream			
196620	With lock	White	44813	44206 (White) 44207 (Grey) 47738 (Cream)	44554 (1,7m)




A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
463	517	362	416	386	442



Combine with
Polyurethanes
page 402

CLASSIC Storage Hatch

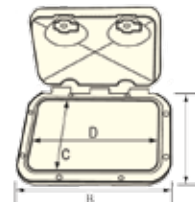
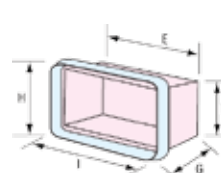
UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196621	Standard	White			
196622	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
463	517	362	416	410	350	290	395	445



Supplied with screw hole covers



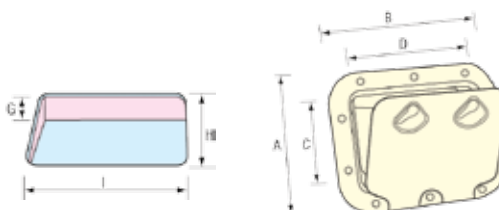
Classic**463x517mm****CLASSIC Hatch with Storage Bag**

UV-resistant high-grade ASA



Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196623	Standard	White			
196624	With lock	White	44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
463	517	362	416	220	386	442

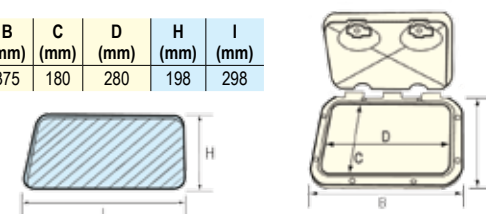
**275x375mm****CLASSIC Hatch with Removable Cover**

UV-resistant high-grade ASA



Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196568	Standard	White			
			44813	44206 (White)	44554 (1,7m)

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
275	375	180	280	198	298



Combine with
Screws
page 226-227

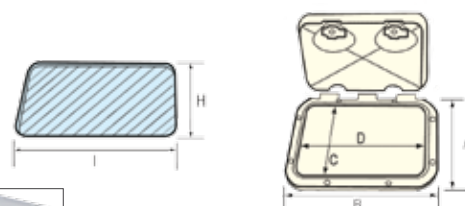
**CLASSIC Hatch with Removable Cover**

UV-resistant high-grade ASA

355x600mm

Code	Model	Colour	Optional Spare Parts		
			Lock	Handle	Gasket
196597	Standard	White			
196612		Cream	44813	44206 (White) 47738 (Cream)	44554 (1,7m)

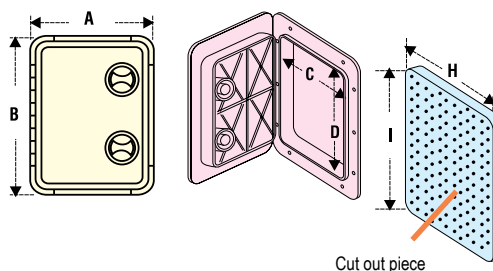
A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
355	600	259	506	282	530




Supplied with screw hole covers

INDUSTRIAL Access and Inspection Hatch

The Access and Inspection Hatches are ideal for easily reaching and controlling various areas on board, such as fuel lines, electrical cables, gauges, controls, even the engine. They are specially designed with a non-skid surface and can be mounted both horizontally, as well as vertically. All hatches are mounted with hidden screws for discrete appearance. They feature a seal that makes the hatch water-resistant and a 180° opening door, with one or two handles, where you can install a lock. All hatches are made of tough, UV-resistant PP (polypropylene), impervious to chemical solvents, and are designed for external use.

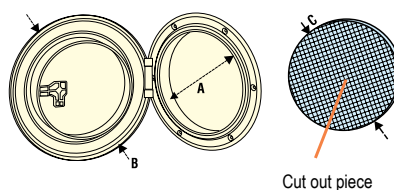

270x370mm 250x598mm 358x600mm 460x511mm

INDUSTRIAL Access Hatch
UV-resistant PP (polypropylene)



Code	Model	Colour	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	Optional Spare Parts	
									Lock	Gasket
10262	Standard	White	270	370	193	293	200	300		
10263		Grey								
11103		White	250	598	167	524	173	525		
11104		Grey								
10264		White	358	600	275	520	280	525		
10265		Grey								
11101		White	460	511	380	436	386	435		
11102		Grey								
									44810	70143 (2m)

Combine with
Polyurethanes
page 402



Deck Equipment

Internal Ø201mm Ø254mm

INDUSTRIAL Inspection Hatch
UV-resistant PP (polypropylene)

Code	Model	Colour	A (mm)	B (mm)	C (mm)	Optional Spare Parts	
						Lock	Gasket
10266	Standard	White	201	280	208		
10268		Grey					
10270		White	254	330	260		
10272		Grey					
						44810	70143 (2m)

Combine with
Screws
page 226-227



INDUSTRIAL Access Hatch with Detachable Cover

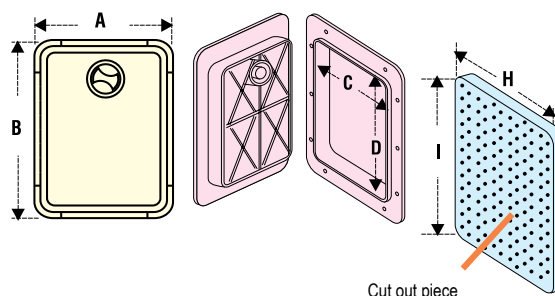
The Access Hatches with Detachable Covers are made of tough UV-resistant PP (polypropylene), impervious to chemical solvents, and are ideal for both internal and external use. They feature a completely detachable door for ease of use, handles, that can be fitted with a lock, and a sealed gasket. The non-skid surface and the hidden screws are additional important features. Available in white and grey colour.



Deck Equipment





316x360mm



INDUSTRIAL Access Hatch with Detachable Cover

UV-resistant PP (polypropylene)



Code	Model	Colour	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	Optional Spare Parts	
									Lock	Gasket
11105	Standard	White	316	360	226	276	250	300	 44810	 70143 (2m)
11106		Grey								

INSPECTION Hatche with Detachable Cover

The Inspection Hatches with Detachable Cover are made of tough UV-resistant PP (polypropylene) for extra resistance to the sun, water, salt and detergents containing acetone. They have no hinges, so that you can completely remove the cover. Their opening is easy, since the specially designed thread automatically ejects the cover, once you turn it 90° counter clockwise. Furthermore, they feature non-skid surface and hidden screws for smarter appearance.

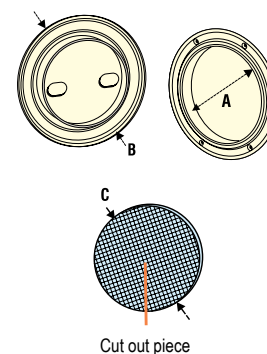
Internal Ø100mm Ø132mm Ø155mm



INDUSTRIAL Inspection Hatch with Detachable Cover

UV-resistant PP (polypropylene)

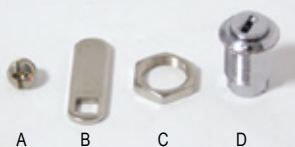
Code	Colour	A (mm)	B (mm)	C (mm)
11107	White	100	154	113,5
11109		132	181	141
11111		155	210	164





Installing the key lock on the Nuova Rade hatches

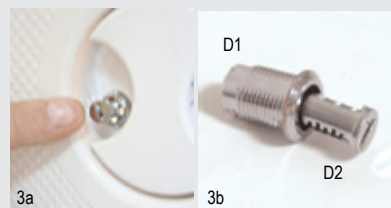
Parts



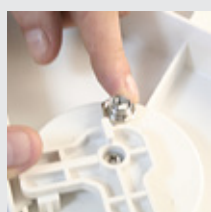
1. Remove the screw (A), the tongue (B), and the fastener (C) from the back side of the key lock (D).



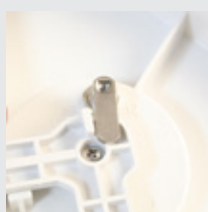
2. Drill a 12mm hole in the specified mark at the back of the handle.



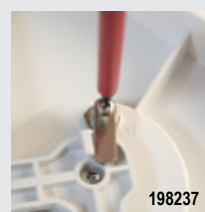
3. Insert the lock into the tube from the front side of the hatch (Pic 3a). Attention: The lock is made of 2 pieces, the tube (D1) and the locking mechanism (D2) (Pic 3b). Since these are not attached together, you must be careful in handling, so that you do not lose the latter during installation.



4. Holding the lock in place with one hand, place the fastener from the back side of the hatch, with the other. Fasten till the end.

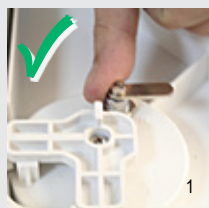


5. Place the tongue from the back side of the hatch



6. Fasten the screw from the back side of the hatch

Attention






When placing the tongue make sure that the handle is in the lock position and that the tongue is facing towards the centre of the hatch's locking system. These are the correct open (pic 1) and close (pic 2) positions.

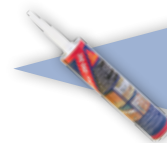
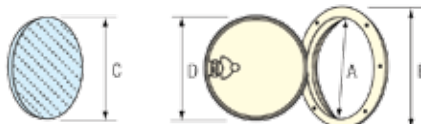


If you place the tongue any other way it will not lock firmly (see pictures 3 & 4).

Inspection Hatches

Inspection Hatch
UV-resistant high-grade ASA

Code	Model	Colour	A (mm)	B (mm)	C (mm)	D (mm)	Optional Spare Parts		
							Lock	Handle	Gasket
42791	Standard	White	185	265	219	205			
47726		Cream							
46580		Grey							
43565		White	235	315	265	250			
47725		Cream							
46579		Grey							
							44810	44197 (White) 44198 (Grey) 47737 (Cream)	44554 (1.7m)



Combine with
Polyurethanes
page 402

new

Fire Port, Plastic, Ø80,5mm

It is used to discharge a fire extinguisher into an enclosed area when a fire has broken out, preventing the entrance of oxygen and minimising the risk of human injury. It can also be used to access the engine box with an extinguisher without opening the box.

- Made of white PA
- Hole closed with a PVC flap
- Can be easily installed, by using 4 countersunk recessed head screws
- External Ø: 80,5mm
- Internal Ø: 48mm

Code | 198237



new

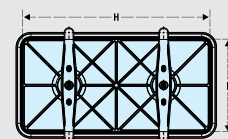
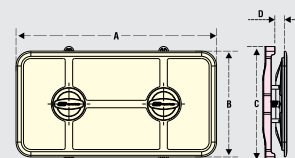
ST Line

SOON TO BE RELEASED

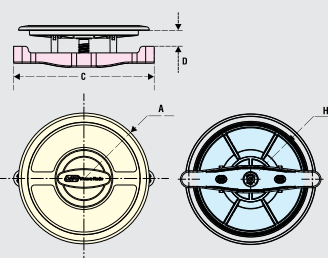
Inspection Hatch, Watertight



Code	Model	Colour	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)
198275	Standard	White	540	285	310	25,5	504	249
198276		Black						



Code	Model	Colour	A (mm)	C (mm)	D (mm)	H (mm)
198277	Standard	White	200	215	24,5	166
198278		Black				

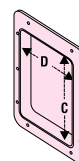
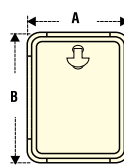
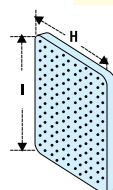


Inspection Hatch with Removable Cover

UV-resistant high-grade ASA



Code	Model	Colour	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	Optional Spare Parts		
									Lock	Handle	Gasket
45163	Standard	White	306	356	246	296	255	302			
45164		Grey									
45166	With lock	White	380	380	316	316	325	325	44810	44197 (White) 44198 (Grey) 47737 (Cream)	44556 (1,5m)
45175		White									
45176	Standard	Grey									
45178		White									



Inspection Hatch

UV-resistant high-grade ASA



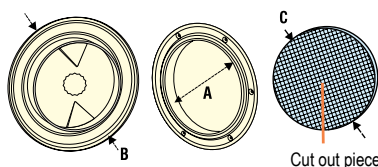
Code	Colour	A (mm)	B (mm)	C (mm)	Optional Spare Key
195380	White	100	139	114	
195381*		125	164	139	
195382*		150	205	165	



Spare Key for Inspection Hatch

Code 196053

* CE ISO 12216



Combine with
Screws
page 226-227

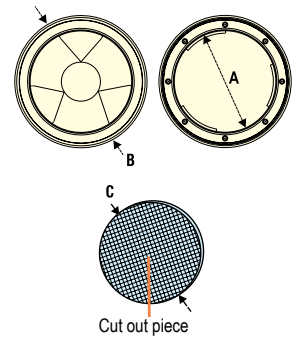




Inspection Hatch

UV-resistant high-grade ASA
Rotating lock and bayonet with O-Ring

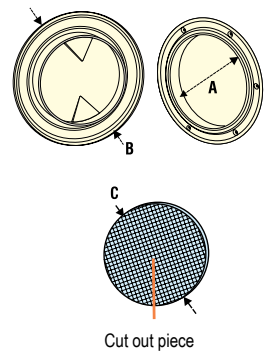
Code	Colour	A (mm)	B (mm)	C (mm)
43909	White	104	143	115
43910	Black			
47731	Cream			
43918	White	130	170	142
43919	Black			
47732	Cream			
43927	White	155	200	168
43928	Black			
47733	Cream			



Inspection Hatch

UV-resistant high-grade ASA
Self-centering tread with an O-ring to prevent water inflow

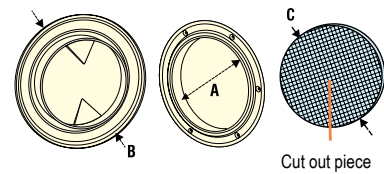
Code	Colour	A (mm)	B (mm)	C (mm)
196434	White	108	162	120
196439	Cream			
196441	Grey			
196443	White	133	187	145
196448	Cream			
196450	Grey			
196452	White	168	222	180
196457	Cream			
196459	Grey			



Inspection Hatch with Removable Bag

- UV-resistant high-grade ASA
- Self-centering tread with an O-ring to prevent water inflow

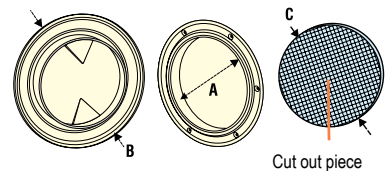
Code	Colour	A (mm)	B (mm)	C (mm)
196435	White	108	162	120
196444		133	187	145
196453		168	222	180



Inspection Hatch with Pressure Lock

UV-resistant high-grade ASA

Code	Colour	A (mm)	B (mm)	C (mm)
196437	White	108	162	120
196446		133	187	145
196455		168	222	180




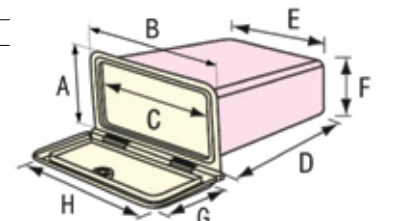
Storage Hatches



Utility Storage Hatch with Lid



UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts							
			Gasket							
196376	Standard	White								
			44558 (1,56m)							
A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)			
104	235	205	165	208	81	120	246			

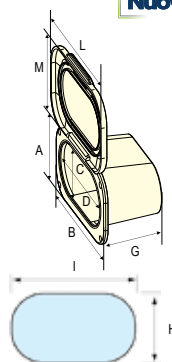




Utility Storage Hatch, Oval, with Lid
UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts	
			Lock	Gasket
196805	Standard	White		
			44810	44554 (1,7m)



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
99	170	70	138	73,5	75	145,5	177,5	111,5



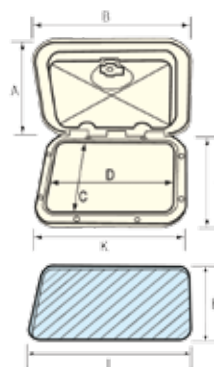
Deck Equipment





Hatch for VHF/RadioCD
UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts	
			Lock	Gasket
196361	Standard	White		
196362	With lock			
196366	Standard	Cream	44810	44556 (1,5m)

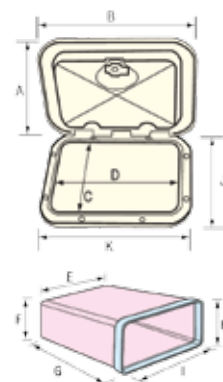
A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	J (mm)	K (mm)
180	285	108	226	130	250	160	279





Storage Hatch for VHF/RadioCD
UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts	
			Lock	Gasket
196363	Standard	White		
196364	With lock		44810	44556 (1.5m)

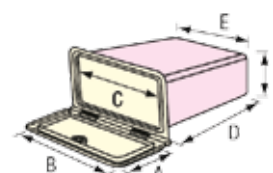
A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)
180	285	108	226	250	115	255	130	250	160	279



**Storage Hatch for VHF/General Use
with chromed durable handle**
UV-resistant high-grade ASA

Code	Model	Colour	Optional Spare Parts	
			Lock	Gasket
195548	Standard	White		
195555	With lock		44810	44554 (1,7m)





A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
174	292	238	250	236	113



448x268mm

EURO 1 Hatch

UV-resistant high-grade ASA

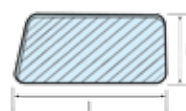
Code	Colour	Optional Spare Parts			
		Opening Stay	Handle	Gasket	Spare Key
47079	White				
		47089	44208	44561 (1,2m, Ø9mm)	196053



CE



Plexiglass Thickness: 8mm







Deck Equipment

Euro 2

480x480mm

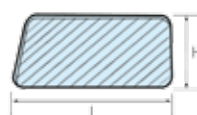
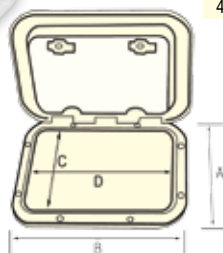
EURO 2 Hatch, 48 x 48 cm

UV-resistant high-grade ASA

Code	Colour	Optional Spare Parts			
		Opening Stay	Set of left and right handles	Gasket	Spare Key
44445	White				
		44839	44208	44560 (1,6m, Ø9mm)	196053

A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	I (mm)	P (mm)	Q (mm)
480	480	415	415	430	430	25-55	22

Plexiglass Thickness: 8mm



CE


Opening Stay
for Euro 1

Code | 47089


Opening Stay
for Euro 2

Code | 44839


Gasket
Ø9mm

Code	Length (m)
44561	1,2
44560	1,6


Spare Key for
Inspection Hatches

Code | 196053





Euro 38 & 59

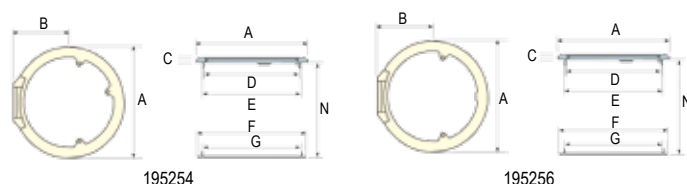
Ø38cm Ø59cm

EURO Escape Hatch Ø38 - Ø59

UV-resistant high-grade ASA



Code	Model	Colour	Optional Spare Parts			
			Opening Stay	Set of left and right handles	Gasket	Spare Key
195256	Euro Ø 38	White				
195254	Euro Ø 59		Euro Ø 38: 195541 Euro Ø 59: 195542	195540	44560 (1,6m, Ø9mm)	196053



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	N (mm)
195256	378	189	26	290	303	362	309	22.5-52.5
195254	590	294.5	27	506	518	574	521	22.5-52.5

Plexiglass Thickness: 8mm

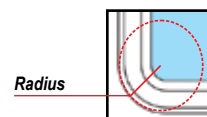
Deck Equipment



Deck Hatch, Standard Type, with Flange

Code	Dimensions (mm)			Cut-out Dimensions (mm)			Acrylic (thickness)
	Length	Width	Radius	Length	Width	Radius	
70039	505	375	83	450	320	55	10mm
70045	555	555		500	500		15mm
70051	955	655		900	600		

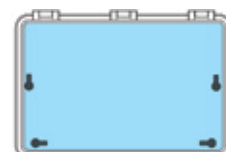
** With gasspring



70039



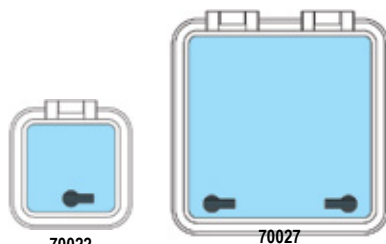
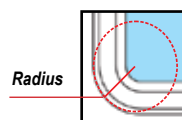
70045



70051

Deck Hatch, Standard Type, without Flange

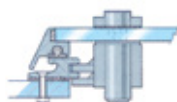
Code	Dimensions (mm)			Cut-out Dimensions (mm)			Acrylic (thickness)
	Length	Width	Radius	Length	Width	Radius	
70022	320	320	60	260	260	30	10mm
70023	385	245		325	185		
70024	401	256		341	196		
70026	510	380		450	320		
70027	511	511		451	451		
70028	560	430		500	370		
70029*	560	560		500	500		
70033	680	680		620	620		15mm



70022



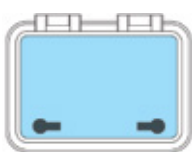
70027



70023



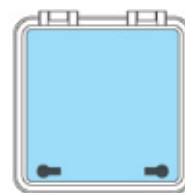
70024



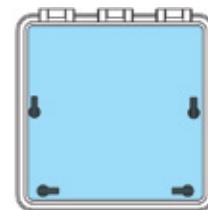
70026



70028



*70029 Grey

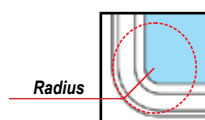


70033



Deck Hatch, Low Profile

Code	Dimensions (mm)			Cut-out Dimensions (mm)			Acrylic (thickness)
	Length	Width	Radius	Length	Width	Radius	
70053	330	330	70	275	275	42	8mm
70054	365	365		310	310		
70055	380	240		325	185		
70056	475	475		420	420		
70057*	475	475		420	420		
70058	505	375		450	320		
70061*	525	525		470	470		
70062	555	425		500	370		
70064	565	565		510	510		
70065*	565	565		510	510		
70066	675	675		620	620		10mm



* With stay



70053

70054

70055



70056, 70057*

70058

70061*

70062

70064, 70065*

70066



Fly Screen

Code	For deck hatches with cut-out dimensions
70726	450 x 320mm (70026 70039, 70058)
70727	620 x 620mm (70033, 70049, 70050, 70066)
71442	500 x 500mm & 510 x 510mm (70029, 70031, 70032, 70045, 70046, 70047, 70064, 70065)



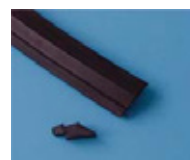
Sealing Rubber R163
for Gebo Standard
hatches with & without
flange

Code | 71110



Sealing Rubber
R102 for Gebo
Flushline Hatch

Code | 71111



Sealing Rubber for
Gebo Econoline
Portlights

Code | 70935



Handle for Hatch,
Left, Set

Code | 70934



Handle for Hatch,
Right, Set

Code | 71213



Blue Lock for Hatch

Code | 70721*

* For hatches with cut-out size up till
500 x 500 mm

Hatch Accessories



Hatch Insect Screen

Premium quality net that protects against all kinds of insects, while the hatch is open. Installation is fast and easy. The boat hatch insect screen is designed to be hand-thrown over your boat hatch. No velcro, strings or frame needed, which allows you to open or close the hatch from inside. A convenient storage bag allows easy storage. The hatch insect screen comes in three different dimensions so as to cover a wide range of available hatches in the market.



Code	Dimensions (mm)			Applicable to Hatches, with maximum dimensions (mm)
	Length	Width	Height	
70983	540	540	350	540x540
70984	650	650	420	650x650
70985	750	750	515	750x750

Door Insect Screen

- It is made of NET fabric and is supplied with lead rope
- It is suitable for the door of the boat
- Available in two different dimensions

Code	Dimensions (cm)		Suitable Boats
	Length	Width	
70986	170	120	Suitable for Catalina (except 30.380.400), Caliber and Endeavour sailboats
70987	180	90	Suitable for most sailboats except for Catalina, Caliber & Endeavour



Hatch Adjuster



Code	Description
99074	254mm(10") to 483mm(19"), chrome plated brass
99075	Hatch adjuster, 11mmx210mm(L), stainless steel
99076	Hatch adjuster, 284mm(11-3/16") to 491mm(19-5/8"), chrome plated brass

Gasket



Code	Description	Length (m)
44556	for 90° hatches	1,5
44558	for 180° hatches	1,56
44554	for TOP LINE/MID LINE/CLASSIC hatches	1,7
70143	for INDUSTRIAL hatches	2



Deck Fillers

Deck Fillers for Gas, Diesel, Water & Waste



The Deck Filler range includes deck fillers suitable for water, fuel and waste. They are designed in such a way that the full lid area is totally covered, which makes the final look much more attractive. Each deck filler can have a different function, which will always be clear - by using the relevant sticker (water, fuel, waste) included in each filler's packaging. They are made of highly resistant plastic and in 38mm and 50mm diameter. Available option with a chrome plated cap.



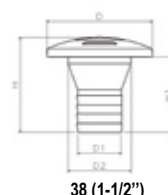
Deck Filler with Chrome Plated Cap

Code	70594	70595
Tube Diam.	38mm (1-1/2")	50mm(2")



Deck Filler with Cap

Code	99567	99568
Tube Diam.	38mm (1-1/2")	50mm(2")



38 (1-1/2")



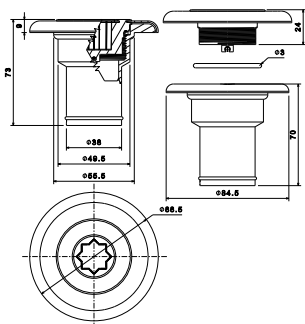
50 (2")

Hose diam. D1 (mm/inch)	H (mm)	H1 (mm)	diam. D (mm)	Cut out D2 (mm)
38 (1-1/2")	84	66	92	55
50 (2")				



INOX Deck Filler Ø38mm

Nuova Rade Inox Deck Fillers with Cap are suitable for fuel, fresh water or waste. The use is easily indicated by the colour of the cap: blue for fresh water, red for fuel and brown for waste. The main body is made of reinforced PA. The cap is made of Inox 316 and reinforced PA for endurance and extra durability in the marine environment. The cap features a lanyard in order not to be lost or fall into the water. These deck fillers have a tight fitting, as they can be secured with the use of a winch handle.



Code	Model	Diameter (mm)
198158	Water	38
198159	Fuel	
198160	Waste Water	



Deck Filler Inox, with Vent Ø16 mm

Deck Filler with vent is made of Inox. Depending on the use, you can choose the Deck Filler either for gas or water. The indication of use is shown at the top of the Deck Filler. It combines stylish design and complete sturdiness, and it is designed to fit easily on the deck. The cap features a lanyard in order not to be lost or fall into the water. Nuova Rade Deck Fillers are available in Ø38 mm with a vent of Ø16 mm.

Code	74326	74327
For use	Gas	Water
Diameter (mm)	38	

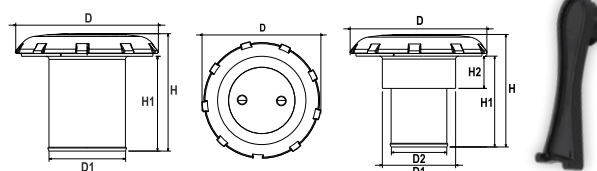


Deck Filler, Glass Reinforced PA

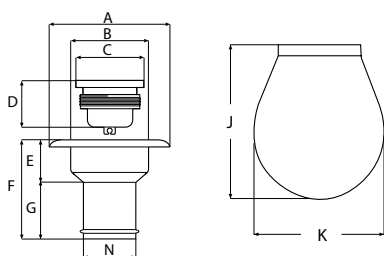
Construction in 2 materials to combine sturdiness, lightweight and stylish design:

- Deck filler's body in glass reinforced nylon
- Cap in 316 L Inox
- Open with dual imprint key or manually thanks to finger-grip cap; the type of the liquid included (fuel, diesel, water) is written on the cap

Code	Model	Hose diam. (mm/inch)	H (mm)	H1 (mm)	H2 (mm)	Diam. D (mm)	Diam. D1 (mm)	Diam. D2 (mm)	
197206	Water	38 / 1 1/2"	77	62	22	94	50	38	
197203	Fuel	50 / 2"			-			-	-
197205	Diesel								



Plastic Deck Filler, Flip Top



Code	Model	Hose Ø (mm)
196275	Water	38 (1½")
196265	Fuel	38 (1½")
196266		51 (2")
196267	Diesel	38 (1½")
196268		51 (2")

	A (mm)	Ø B (mm)	Ø C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø N (mm)	K (mm)	J (mm)
Ø 38	80x93	55	48	33	26	72	46	38	84	98
Ø 51	80x93	55	48	33	26	72	46	51	84	98

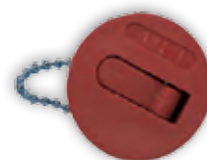
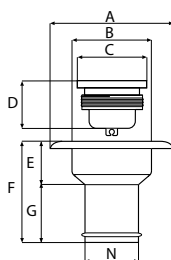




Plastic Deck Filler

Code	Model	Hose Ø (mm)	Colour
45298	Water	38 (1½")	White
47618			Cream
45299			Black
35011	Fuel	38 (1½")	White
50311			Cream
45282			White
45283		51 (2")	Black

	A (mm)	Ø B (mm)	Ø C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Ø N (mm)
Ø 38	85	55	48	33	26	72	46	38
Ø 51	85	55	48	33	26	72	46	51



Spare Deck Filler Cap with Chain for Fuel

Code | 195015



Spare Deck Filler Cap with Chain for Water

Code | 195016



Case with Deck Filler

Made of plastic material, incorporating a deck filler of Ø38 mm

Code	Use	Hose Ø (mm)	Colour
44306	Water	38	White
50023	Fuel		
50025	Diesel	38	Cream
50024	Fuel		

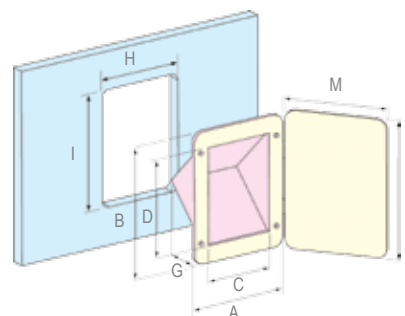


Case with Deck Filler and Lid

The body is made of PA and the lid is made of ASA.

Code	Use	Hose Ø (mm)	Colour
196419	Water	38	White
196417	Fuel		
196418	Diesel		
196415	Fuel	50	

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	115	155



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
145	191	110	155	80	115	155	200	165



Case for Deck Filler

Made of PA material.

Code	Colour
44302	White
647442	Cream

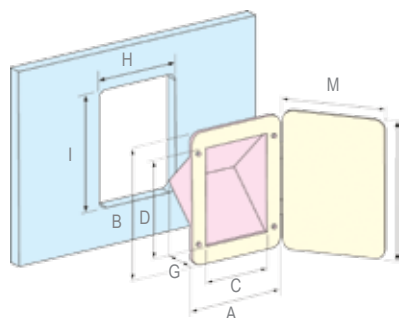


Case for Deck Filler with Lid

The body of the product is made of PA and the lid is made of ASA.

Code	Colour
196414	White

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	115	155



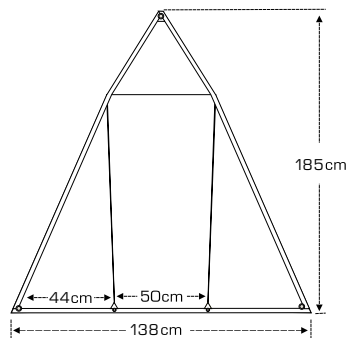
A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
145	191	110	155	80	115	155	200	165



Hatch Ventilating Sail

Aerodynamically designed to provide optimum ventilation in your cabin, channeling the air down into the hatch. It is made of strong nylon for durability and high resistance against the strong winds. If installed correctly, it will not flutter and will prevent any whistling and flapping noise.

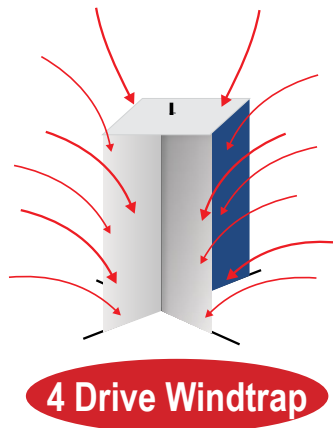
Κωδικός 11087



Hatch Ventilating System 4D Windtrap

- It provides an easy and efficient way to funnel air into the cabin in order to ventilate it
- It is fastened inside the open hatch and a halyard is used to lift the top
- The design helps it to collect the outside wind from every direction (4 Drive Windtrap) and flow it through the hatch, inside the cabin
- It is made of polyester 420D and the fabric is silver-blue
- Supplied in two different sizes

Code	Dimensions (mm)			Applicable Hatches
	Length	Width	Height	
70982	300	300	800	Gebo: 70039 (505x375mm), 70043 (555x425mm), 70053 (330x330mm), 70054 (365x365mm), 70057 (475x475mm), 70058 (505x375mm)
				Lalzas: 11103 (250x606mm), 10264 (358x606mm), 11101 (460x511mm)
70981	550	550	1260	Gebo: 70045 (555x555mm), 70046 (555x555mm), 70047 (555x555mm), 70059 (525x525mm), 70061 (525x525mm), 70062 (525x425mm), 70063 (555x425mm), 70064 (565x565mm), 70065 (565x565mm), 70066 (675x675mm)

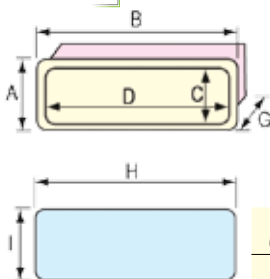


Deck Equipment

Utility Cases

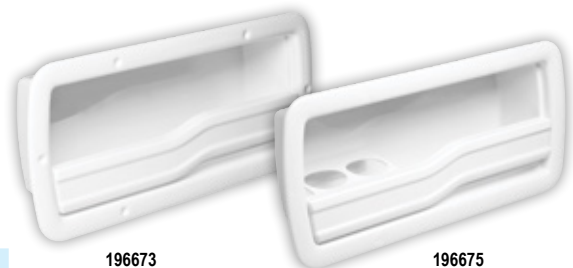


Utility Storage Case, Side mounted



Code	Description	Colour
196671	Right	White
196773	Left	
196673	Right with glass holder	
196775	Left with glass holder	

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
266	561	195	475	125	496	200

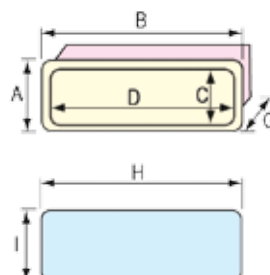


Made of highly resistant plastic material

Utility Storage Case, 1/2 Open



Code	45344
Colour	White



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
170	420	120	370	100	380	130



Handle-Sunglasses Holder

Code	Colour	Length (mm)	Height (mm)
44535	White	175	85

Storage Case, Flush mounted

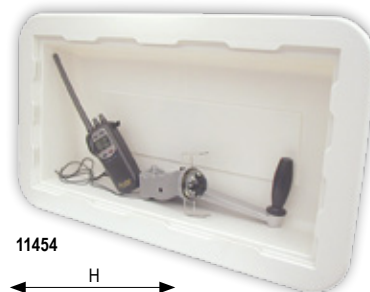
High-quality storage case ideal for storing your items when on board. Saves a lot of space on deck, since your belongings are organised in one place. Optionally, it can be fitted with single or full cover to protect the contents from spray. Can be placed vertically or horizontally on any flat surface and can be easily mounted by using silicone or polyurethane construction adhesive. On the rear side of the cases, drilling points are marked, in case screws are required. Made of highly resistant plastic material, while the optional covers are made of tinted see-through acrylic (PMMA) for durability and visibility. Available in different dimensions and in white colour.



11464

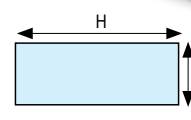
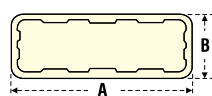


11459



11454

Code	A (mm)	B (mm)	C (mm)	H (mm)	I (mm)
11464	428	184	112,5	385	140
11459	545	245	121	485	193
11454	692	394	132	597	300



Cut out piece

Deck Equipment



11466



11458

Storage Case Cover

Made of tinted see-through acrylic (PMMA) for durability and visibility.

Code	Length (mm)	Width (mm)	Thickness (mm)
11466	385	68	4
11458	304	304	5

Choosing the right Cover for your Storage Case (Optional)

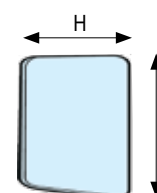
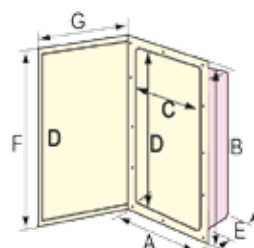
Storage Cases Codes	Storage Cases Covers Codes	
	Single Fixed	Horizontal Full Sliding
11454	-	11458
11464	11466	-

Case for Toilet Paper with Door

High quality Case for Toilet Paper with Door, ideal for every sailboat's or yacht's toilet. Available in dimensions of 160 x 160mm and in white colour, this case can cover the needs of boats of any size. It is made of white ASA plastic in order to provide resistance to damage and chemical solvents. Designed for internal use. It is ideal for storing your toilet paper, using its holder (195258). Contains a 180° opening door. This case is mounted with hidden screws for discrete appearance.

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
160	160	118	128	118	167	162	125	135

Code | 195263

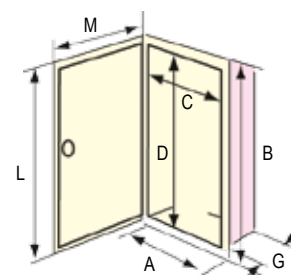


Case for Shower

It is made of PA material. With easy installation and available in white colour.

Code	Colour
44301	White

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	115	155

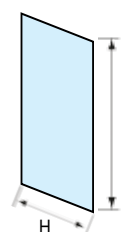


Case for Shower with Lid

The body of the product is made of PA and the lid is made of ASA. With easy installation and available in white colour.

Code	Colour
196420	White
196471	

Code	A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
196420	145	191	105	150	80	115	155	197	165
196471	165	237	110	183	95	114	187	247	186





Case for Deck Filler

Made of PA and produced to have easy installation. Available in white & cream colour.

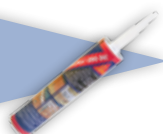
Code	Colour
44302	White
647442	Cream

Case for Deck Filler with Lid

The body of the product is made of PA and the lid is made of ASA with very easy installation & available in white colour.

Code	Colour
196414	White

Combine with
Polyurethanes
page 402



Twin Case for Shower & Water Tap, with Lid



Code	Lid Colour
55800	White
196686	Cream
55801	Chrome

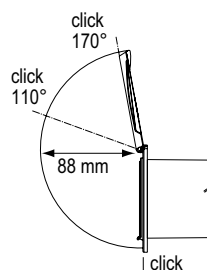
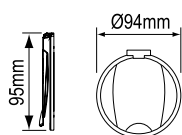


Combine with
Screws
page 226-227

Deck Equipment

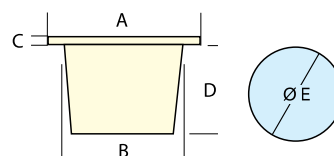
Case for Shower Head, with Round Lid

Code	Lid Colour
42575	White
46170	Chrome



Case for Shower Head, with Square Lid

Code	Lid Colour
196399	White
196401	Cream

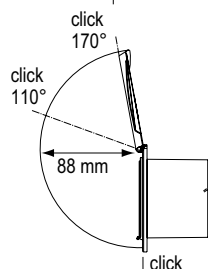
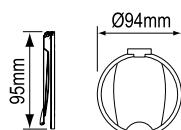


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	75	75

Case for Water Tap, with Lid, Round

It is suitable for mixer tap and water tap and it is available with lid in white or chrome colour.

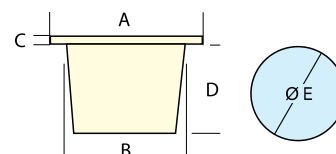
Code	Lid Colour
42576	White
46171	Chrome



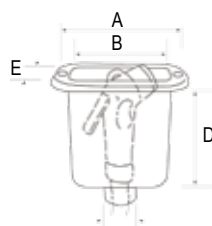
Case for Water Tap with Lid, Square

It is suitable for mixer tap and includes a gasket. Available in white and cream colour.

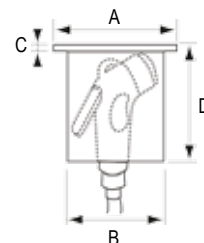
Code	Case Colour
196391	White
196395	Cream



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	55	75



Combine with
Polyurethanes
page 402



Case for Shower Head, Square, with Lid

Code	37214
Colour	White

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
125	87	30	97	90

Case for Shower Head, Round, with Lid

Code	35791
Colour	White

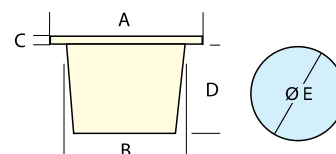
A (mm)	B (mm)	C (mm)	D (mm)
88	66	5	80

Deck Equipment



Case for Battery Switch with Watertight Lid

It has a UV-resistant outer case made of ASA in order to store the battery and protect it from external factors. Watertight gasket is included.



Code	Colour
196383	White
196387	Cream

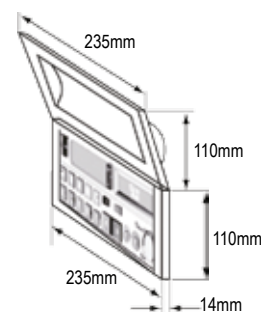
A (mm)	Ø B (mm)	C (mm)	D (mm)	E (mm)
95	68	5	72	68

Case Cover for Radio/CD

Ideal to protect the Radio/CD player of your boat. Suitable for all 1 DIN (180mm x 50mm) units of the market. Options in white colour with flat cover, and in smoked transparent colour with flat or curved cover.



Code	Colour
50281	White
195265	Smoked, transparent, mat
196069	Smoked transparent, clear



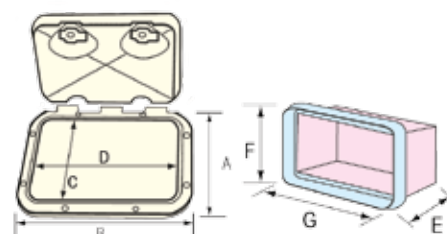
Case for Electrical Control Panel, with Lid

It is ideal for storing the boat's electrical control panel. Made of UV-resistant high-grade ASA plastic, it provides resistance to damage and chemical solvents. Preferably designed for internal use. UV-resistant cover, frame and container with a 150° opening door and a durable handle. It is specially designed with a non-skid surface and can be mounted vertically. This case is mounted with hidden screws for discrete appearance. EPDM rubber gasket provides resistance to water. It guarantees easy opening and easy access when needed.



Code	196663
Colour	White

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
275	375	180	280	75	200	300





Storage Case for Fire Extinguisher

Allows safe and protected storage of a fire extinguisher in the cockpit or dashboard. This product is impervious to harsh weather, watertight and offers easy and safe access during emergency situations. A well-made product that offers very precise lid/door closure. Made of UV-resistant white ASA. The elimination of metal reduces the chance of personal injuries. No sharp corners. No glass to shatter

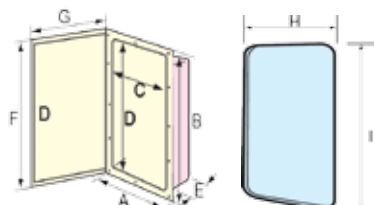
Code	Extinguisher Capacity (kg)	Door	Colour
196461	1	Yes	White
196666		Transparent	
50006		No	
196465	2	Yes	
196675		Transparent	
50010		No	

Fire Extinguisher	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
1 kg	174	424	120	370	105	434	196	124	374
2 kg	204	474	150	415	120	484	226	154	424



Deck Equipment

Combine with
Fire Extinguishers
page 54-55

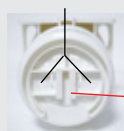


Horizontal Mounting

- Easy to mount
- Various mounting options

1. With screws

2. With fixed mount support base (99826-7)



For all
"Store-All" cases

Vertical Mounting

1. With screws

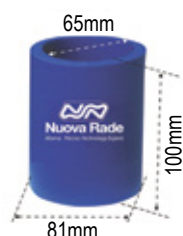
2. With fixed mount support base (99826-7)

3. With rail support base (99824-5)



Store All Isotherm Cover for Drinks

Whether you like your coffee to stay hot in the winter or your refreshments cold in the summer, this cover is a 'must-have' for you. It is manufactured in such a way that your beverage will be at the same temperature (hot or cold) longer than it would be without. It has been designed to easily cover most common cans or cups. It can be fitted in the various Store-All drink holders (94144-5, 94161, 99232).



Code	99828
Colour	Blue
Ext. Diameter (cm)	8.1
Height (cm)	10
Internal Diameter (cm)	6,5

Store-All Drink Holder

This compact and convenient cockpit saver keeps your drinks up and out of the way. You can place it on any smooth surface, by using the support base (99824-7) on the back or bottom of the holder. Available in white and graphite colour.



Code	94161	99232
Colour	White	Graphite
Length (cm)	11	
Width (cm)	11	
Height (cm)	10	
Internal Diameter (cm)	9 / 9,3	
Internal Height (cm)	9	

Store-All VHF/FRS Case

With the VHF/FRS case you can keep your communication devices safe and within easy reach. Due to its small size, it can even fit close to the helm of the smallest boat. In order to mount the case, you can place the support base (99824-7- not included) either on the back or on the bottom of the case. The case is available in white colour.



Code	94152
Colour	White
Length (cm)	13,5
Height (cm)	11,5
Width (cm)	8
Internal Length (cm)	9

Store-All Galley Case

This handy case is suitable for keeping your sponges, brushes, sun-block or any small object organised. It is easily mounted using the special support base for cases (99824-7 – not included), which can be placed on the wall, on the console or on the rails. It is available in white colour.



Code	94160
Colour	White
Length (cm)	19
Height (cm)	10
Width (cm)	11,3
Internal Length (cm)	14,3

Store-All GPS/Cell Phone Case

Ideal for storing most hand-held GPS and mobile phones. It can be placed vertically or horizontally on any flat surface, by using the support base for rails and surfaces (99824-7), which allows you to remove the case easily and fast. Available in white colour.



Code	94150
Colour	White
Length (cm)	18,5
Height (cm)	10,5
Width (cm)	9

Store-All Organiser & Drink Holder

This is perfect for you, if there are not any storage cases for small objects on board. It features drink holder and a case to hold sunglasses, sunblock etc. It is easily mounted either vertically or on a flat surface, using the support base for rails or level surfaces (99824-7), which allows you to remove the Organizer anytime. Available in white colour.



Code	94144
Colour	White
Length (cm)	26,5
Height (cm)	10
Width (cm)	11

Store-All Folding Drink Holder

Ideal for small boats or areas with very limited space. Its folding feature allows you to completely retract it when you do not use it. It features adjustable arms to hold cans and mugs and also screws for permanent mounting. This drink holder can also be mounted on the rails or against any surface, using the relevant support base (99824-7), which allows you to remove the holder when not in use. Available in white and graphite colour.



Code	96866	99230
Colour	White	Graphite
Height (cm)	11	
Length (cm)	10	
Width (cm)	10,5	
Internal Length (cm)	9,2	

Store-All Folding Helm Organiser

When space is very limited on the deck and you have no room to leave small objects like sunglasses, keys or your drink, then all you need is this organiser. Its mechanism allows you to use it only when needed and fold it when you do not. It features a drink holder and inox screws for permanent mounting. However, you can also mount it using the support base (99824 - 5), which allows you to completely remove the organiser anytime. Available in white and graphite colour.



Code	96865	98591
Colour	White	Graphite
Length (cm)	25,8	
Height (cm)	11	
Width (cm)	10,5	



Store-All Utility Hook, Set of 2 pcs

Ideal for multiple uses on board. You can place it on a flat surface of your boat and use it to tie lines, hang clothing or towels, etc. It is available in a pack of two, in white and graphite colour. Made of plastic.



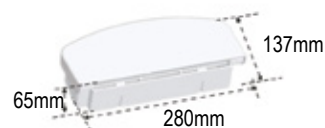
Code	94126	99231
Colour	White	Graphite
Length (cm)	2.5	2.5
Height (cm)	7.5	7.5
Width (cm)	3	3



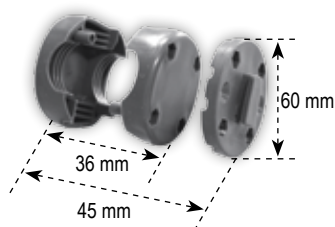
Store-All Trash Bag Holder

Keep your cockpit and cabin tidy and clean. This holder can be easily mounted on any flat and even surface, with the use of the support base for rails or level surfaces (99824-7), so that you can store it easily and quickly. Its cover prevents the contents from falling out of the bag. You may use common supermarket bags or kitchen trash bags. Available in white colour.

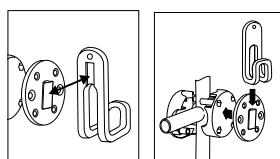
Code	94146
Colour	White
Length (cm)	28
Height (cm)	6.5
Width (cm)	13,7



Rail Support Base for Store-All Case



This support base allows you to mount semi-permanently the Store-All cases on the rails. All you have to do is mount the support base on the rails and then slide the case in. When you do not want to use the case, just remove it. The support base will remain on the surface for as long as you want it. Available in white and graphite colour. Fits any tube or rail, horizontal or vertical, with Ø19-25 mm.

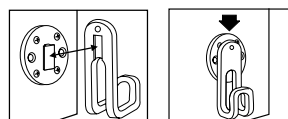


Code	99825	99824
Colour	White	Graphite
Diameter (cm)	6	
Width (cm)	4,5	



Fixed Mount Support Base for Store-All Case

This support base allows you to mount the Store-All cases semi-permanently. All you have to do is to mount the support base on the surface you want and then slide the case in. When you do not want to use the case, just remove it. The support base will remain on the surface until the next time you need it. Available in white and graphite colour.



Code	99827	99826
Colour	White	Graphite
Diameter (cm)	6	
Thickness (mm)	9	

Case 'Store-All' with Net and Plastic Frame,

It is ideal for organising all your belongings when on board with the help of a flexible holding net. Made of UV-resistant plastic, it provides resistance to damage and chemical solvents. Can be easily installed on your boat either with screws or with a sticker (supplied), appropriate for inflatable and rigid boats. Available in white colour.



Code	Colour	Thickness (mm)	Height (mm)	Width (mm)
11900	White	20	120	205
11901		10		



Clip-on CAN HOLDER

This is a unique and useful accessory, ideal for holding and keeping cool cans, small bottles, and glasses. It is one-piece made and there is no need for extra parts. It preserves the temperature levels of the mounted object. It can also be used as an object holder for mobile phones, eye - glasses, portable VHF and GPS, etc. It is made of Flexible Integral PU Skin Foam technology and can be clipped on all guardrails, pulpit and stanchion, making it an essential accessory on board.

○ 470089

● 197762

GUARDRAILS Ø (mm)	L (mm)	W (mm)	H (mm)	(kg)
22-26	130	90	100	0,25

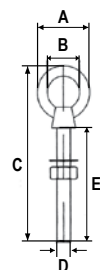




Eye Bolt, with Nut & Washer, Inox 316

Surface*: E.P. - Body: Forging - Screw: Casting

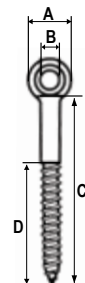
Code	Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
91394	6 X 40	26	16	74	6	40
91396	6 X 80	26	16	112	6	80
91744	6 x 100	26	16	133	6	100
96951	8 x 38	32	20	78	8	38
91397	8 X 80	32	20	120	8	80
91749	10 X 80	40	25	128	10	80
91399	10 X 100	40	25	148	10	100
91752	10 X 140	40	25	188	10	140
91755	12 X 140	48,8	30	200	12	140
96955	12 X 180	48,8	30	240	12	180



Eye Bolt, (Lag Screw), Inox 316

Surface*: E.P.

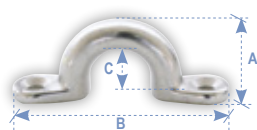
Code	Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)
96976	4x45	4	8,5	45	30
97003	6x55	6,5	12	57,3	45
97001	8*80	8	16	80	55
92783	10*80	10	20	78	59



Eye Woodscrew, Inox 316

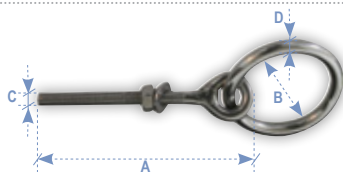
Surface*: E.P. - Body: Casting

Code	Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)
92858	6 x 40	16	6	62,5	41
92860	6 x 80	16	6	80	55
93188	6 x 100	16	6	100	65
93179	8 x 60	18,5	8	62	40
93181	8 x 100	18,5	8	100	65
92862	10 x 80	22	10	82	66
93183	10 x 120	22	10	103	62
93185	12 x 120	27	12	123	98
93187	12 x 160	27	12	160	120



Eye Strap, AISI 316

Code	98521	98522	98523
Size (mm)	4	5	6
A (mm)	15,5	17,5	20
B (mm)	44	52	56
C (mm)	10	12	14



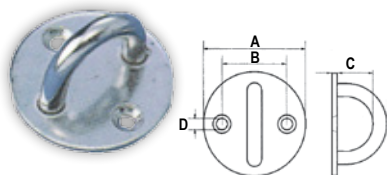
Eye Bolt with Ring, AISI 316

Code	98531	98532	99219	99220
A (mm)	75	75	100	120
B (mm)	35	45	50	60
C (mm)	M6	M8	M10	M12
D (mm)	6	8	10	12



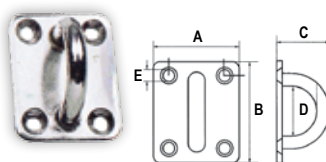
Eye Strap, AISI 316

Code	97027	97028	97029	97030	97032
Size (mm)	4	5	6	8	10
A (mm)	40	50	57	63	78
B (mm)	32	40	44	47	65
C (mm)	11	13	16	17	18
D (mm)	3,2	4,2	5,2	5,2	6,4



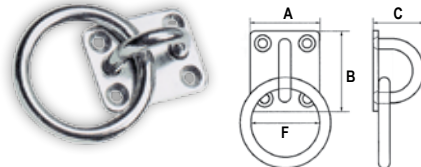
Round Pad, Hook Type, AISI 304

Code	95675	95676	95677
Size (mm)	5	6	8
A (mm)	33	40	50
B (mm)	20	23	30
C (mm)	12	17	21
D (mm)	4,2	4,2	5,2



Square Pad, AISI 304

Code	91391	91392	91393
Size (mm)	5	6	8
A (mm)	30	35	40
B (mm)	35	40	50
C (mm)	19	26	33
D (mm)	14	18	20
E (mm)	4,2	5,2	5,2



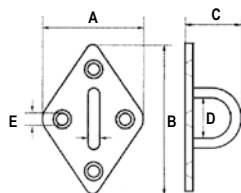
Spare Pad with Eye Ring, AISI 304

Code	92852	92853	92854
Size (mm)	5	6	8
A (mm)	30	35	40
B (mm)	35	40	50
C (mm)	19	26	33
F (mm)	30	40	50



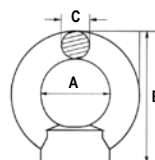
Diamond Pad with Ring, AISI 304

Code	90447	91733	91734
Size (mm)	5	6	8
A (mm)	37	50	60
B (mm)	59	64	80
C (mm)	22	26	33
D (mm)	11	15	18
E (mm)	4,2	4,2	5,2



Eye Nut, AISI 316

Code	92864	92865	92866	92812
Size (mm)	6	8	10	12
A (mm)	16	20	25	30
B (mm)	31	36	45	54
C (mm)	6	8	10	12



Deck Clips, AISI 316, L. 34-65mm, Diam. 5mm

Code	92695
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Deck Clips, AISI 316, L. 34mm, Diam. 5mm

Code	92692
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Eye Plate on Horizontal Curved Base, Diam. Ring 5mm

Code	92755
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Eye Plate on Vertical Curved Base, Diam. Ring 5mm

Code	92756
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Single Eye Mast Spinnaker Pole Bracket, Ring Diam. 6mm, Holes Diam. 5mm

Code	92762
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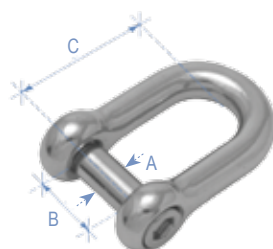
Spar Attachment on Horizontal Curved Base, Ring Diam. 6mm, Holes Diam. 5mm

Code	92764
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Deck Equipment

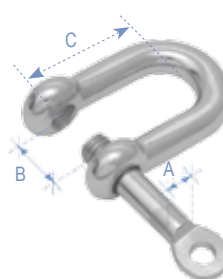
Shackles



Shackle, Type D, with Inter. Hexagonal Sink Pin, AISI 316

Code	90434	90468	90469	90470
Size (mm)	6	8	10	12
A(mm)	6	8	10	12
B(mm)	13	16	19	25
C(mm)	28	36	43	57
Working load (kg)	100	200	320	520

*Surface: E.P, Body: Casting, Pin: Forging



Shackle, Type D, with Locking Pin, AISI 316

Code	91863	91864	91865	92145	97000
Size (mm)	5	6	8	10	12
A(mm)	4,40	5,25	7,10	8,90	10,7
B(mm)	10	12	16	20	24
C(mm)	20	24	35	40	48
T.D.L.*	1,000	1,400	2,800	4,000	6,200
R.W.L.*	250	350	700	1,000	1,550

*Surface: E.P, Body: Casting, Pin: Forging

Shackle, Type D, AISI 316



Code	90432	91189	91190	96694	91191	96881	91192	91193	91194	91195	91196
Size (mm)	4	5	6	7	8	9	10	12	13	14	16
A(mm)	4	4,8	5,8	6,8	7,8	8,8	9,8	11,8	12,8	13,8	15,8
B(mm)	8	10	12	14	16	18	20	24	26	28	32
C(mm)	16	20,21	24,25	28,37	32,48	36,66	40,8	49,27	53,68	57,97	66,7
Working load (kg)	55	80	100	150	200	260	320	520	580	660	800

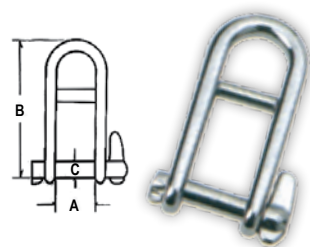
*Surface: E.P, Body: Casting, Pin: Forging

Shackles



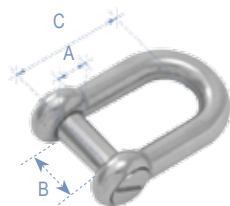
Shackle, Type D, Large, Galvanized

Code	99229	98506	98507	98557	98558	98508	98509
Diameter (mm)	5	6	8	10	12	14	16



Shackle, Type Halyard, with Cross Bar & Locking Pin, Inox 316

Code	90435	90466	90467
Size (mm)	5	6	8
A(mm)	13	15	21
B(mm)	40	46	64
C(mm)	5	6	8



Shackle, Type D, with Oval Sink Pin, Inox 316

Code	91880	91304	91305	96966	91306	91307
Size (mm)	5	6	8	9	10	12
A(mm)	5	6	8	9	10	12
B(mm)	10	12	16	18	20	24
C(mm)	20	24	32	36	40	48
Working load (kg)	800	1200	1800	2500	3200	4400

*Surface: E.P, Body: Casting, Pin: Casting

Anchor Shackle, Type Ω, Galvanized



Code	99414	99415	99416	99417	99418	99421
Size (mm)	5	6	8	10	12	16
A(mm)	5	6	8	10	12	16
B(mm)	10	12	16	20	24	32
C(mm)	20,5	30	41	51	61	82

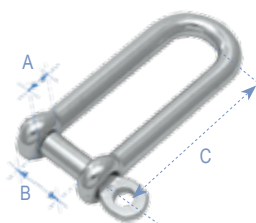
*Surface: E.P

Anchor Shackle, Type Ω, Inox 316

Code	90433	91200	91201	91202	91203	91204	91205	91206	91207
Size (mm)	4	5	6	8	10	12	13	14	16
A(mm)	4	4,8	5,8	7,8	9,8	11,8	12,8	13,8	15,8
B(mm)	8	10	12	16	20	24	26	28	32
C(mm)	18	22,5	27	36	45	54	58,5	63	72
Working load (kg)	55	80	100	200	320	520	580	660	800

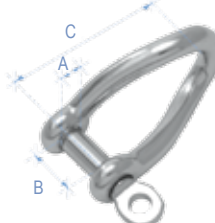
*Surface: E.P, Body: Casting, Pin: Forging

Shackle, Type D, Long, AISI 316



Code	91312	91313	91314	91315	91316	91221
Size (mm)	4	5	6	8	10	12
A(mm)	4	5	6	8	10	12
B(mm)	8	10	12	16	20	24
C(mm)	32	39,5	48	64	80	96
Working load (kg)	90	100	150	250	500	600

*Surface: E.P, Body: Casting, Pin: Forging

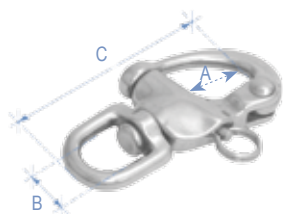


Shackle, Twist Type, AISI 316

Code	91222	91223	91224	91225	91226	91227
Size (mm)	4	5	6	8	10	12
A(mm)	4	5	6	8	10	11,8
B(mm)	8	10	13	16	20	25
C(mm)	24	30	35	47	52	57
Working load (kg)	200	450	650	1000	1400	2500

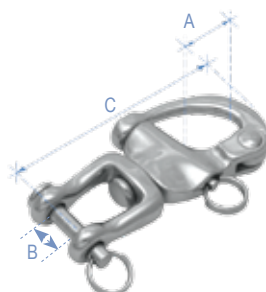
*Surface: E.P, Body: Casting, Pin: Forging

*Recommended working load "R.W.L." is 1/4 of "T.D.L." tested deformation load. (Surface E.P= Electro polished)



Snap Shackle, with Swivel, Inox 316

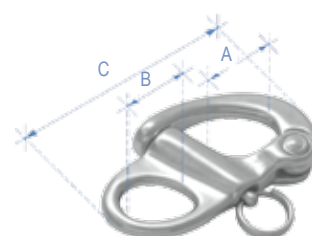
Code	91329	91330	91331
A(mm)	12	16	22
B(mm)	12	16	22
C(mm)	70	87	123
T.D.L.*	1900	2900	3900



Snap Shackle, with Casting Swivel Jaw, AISI 316

Code	90439	91722	91723
Τύπος	No. 1	No. 2	No. 3
A(mm)	12	16	22
B(mm)	12	12	16
C(mm)	69	90	128
Working Load (kg)	362,88	544,32	816,48

*Surface: E.P, Body: Casting, Pin: Casting



Fixed Snap Shackle, Inox 316

Code	91178	91179	91180
Type	1	2	3
A(mm)	12	15	25
B(mm)	16	21	29
C(mm)	56	70	92,50
T.D.L.*	1,110	2,000	3,500
R.W.L.*	275	500	875

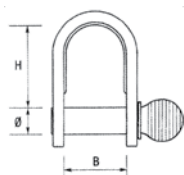
*Surface: E.P, Body: Casting

Shackle, Shape U, AISI 316

Code	Diameter (mm)	B (mm)	H (mm)	Breaking load (kg)
92701	4	10	15	700
92702	4	12	24	700
92703	5	12	17	1050
92704	5	16	25	1050
92705	5	14	40	1050
92706	5	22	37	1050
92707	6	16	21	2050
92708	6	17	26	2050
92709	6	14	28	2050
92710	6	13	21	2050

Clevis Pin Shackle, AISI 316

Code	Diameter (mm)	B (mm)	H (mm)	Breaking load (kg)
92713	4	10	15	700
92714	4	12	24	700
92472	4	10	14	600
92480	5	11,5	14,5	800
92715	5	12	17	1050
92723	5	14	40	1050
92716	5	16	25	1050
92717	5	22	37	1050
92718	6	16	21	1050
92719	6	17	26	2050
92720	6	14	28	2050



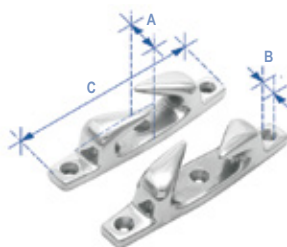
Deck Equipment

U-Bolts & Cleats

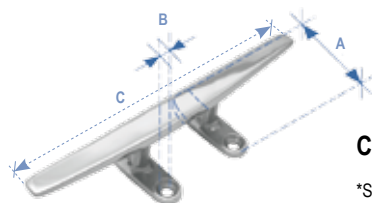
Skene Chocks, Inox 316

*Surface: H.P. - Body: Casting

Surface H.P.= Hand polish



Code	97012	92796	92795	97015
Size (In.)	Right 4 1/2"	Right 6"	Left 4 1/2"	Left 6"
A (mm)	19	34	19	34
B (mm)	5	6	5	6
C (mm)	114	150	114	150

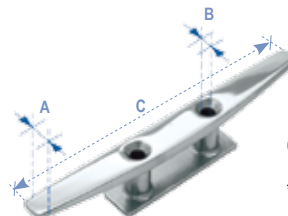


Cleat, Trim Line, Inox 316

*Surface: H.P. - Body: Casting

Code	96970	96971	92797	92798
Size (In.)	4"	5"	6"	8"
A (mm)	36	46	53	68
B (mm)	4,5	5,5	6,5	6,3
C (mm)	100	125	150	200

Surface H.P.= Hand polish



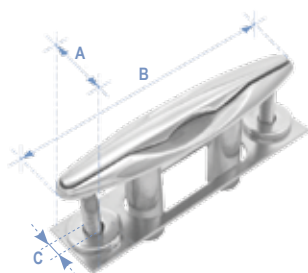
Cleat, Blue Water, Inox 316

*Surface: H.P. - Body: Casting

Code	97010	97013	97016	97018	97021
Size (In.)	4"	5"	6"	8"	10"
A (mm)	8	9	12	15	16
B (mm)	4,5	5,5	6,5	8,5	
C (mm)	100	125	150	200	250

Surface H.P.= Hand polish

U-Bolts & Cleats



Cleat, Pull-up, Inox 316

*Surface: H.P. - Body: Casting

Code	96877	96878	96879
Size (In.)	4,5"	6"	8"
A (mm)	30,5	38	50,8
B (mm)	121,6	160	214,3
C (thread)	5/16"-18	3/8"-16	

Surface H.P.= Hand polish

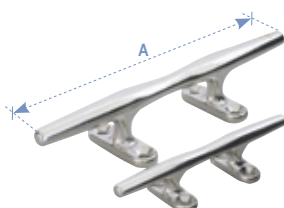


Cleat, AISI 316

Code	93548	93549
Length (mm)	200	238
Height (mm)	70	85
Base (mm)	170 x 70	200 x 65

Cleat, Open-base, Inox 316

*Surface: H.P. - Body: Casting



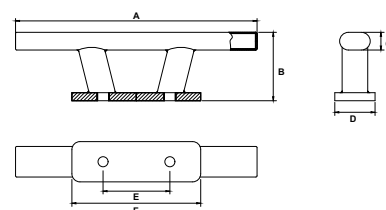
Code	92800	92801	92802	92803	92804
A (mm)	125	150	200	250	305

*Recommended working load "R.W.L." is 1/4 of "T.D.L." tested deformation load. (Surface E.P.= Electro polished)



Cleat, Inox 316

Code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
93286	150	45	10,5	30	47	89,5
93287	205	55	15	35	69	120
70641	300	85	22	50	83	160



Bollard, Inox 316

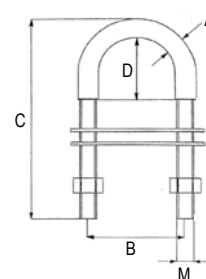


Code	70640
Length (mm)	120
Height (mm)	95
Width (mm)	120
Diameter (mm)	60



U Bolt, Inox 316, with Thread

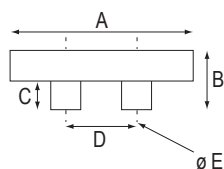
Code	Thread	A (mm)	B (mm)	C (mm)	D (mm)
91364	M5	6	35	60	25
91365		6	35	80	30
91366	M6	8	35	80	35
91367	M8	10	35	60	25
91368		10	35	80	30
91369		10	45	100	38
91370		10	45	130	30
91371	M10	12	50	90	35
91372		12	50	130	40
91373	M12	14	60	155	50



Jib Sheet Cleat, Polyamide

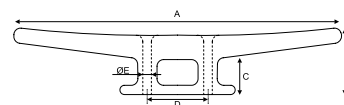


Code 16881



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
150	24	14	35	6

Cleat, Polyamide



Code	Colour	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
43377	White	60	14	9	19	Ø 3
43378	Black					
43380	White	80	16	9	21	Ø 4
43381	Black					
43383	White	107,5	22	16	29	Ø 5
43384	Black					
43386	White	142	29	20	34	Ø 6
43387	Black					
43389	White	176	35	23,5	43	Ø 7
43390	Black					
43392	White	209	45	29	54	Ø 8,5
43393	Black					





**Fairlead Handed Polyamide,
Black**
(pair - left, right)



Code	44417	44420
Dimensions (m)	110 x 20	160 x 25

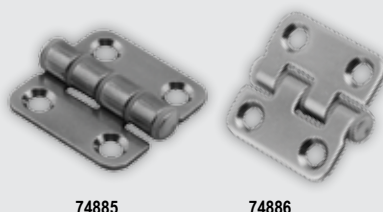
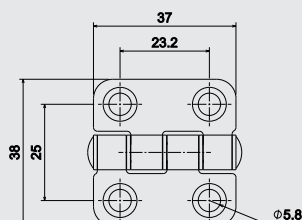
Hinges



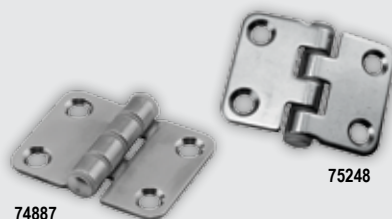
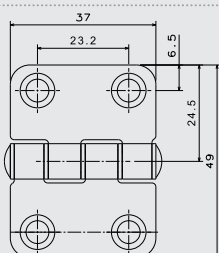
new

Silent Hinges

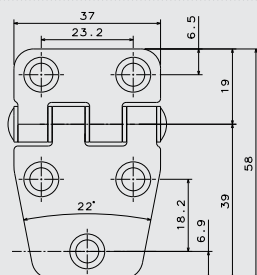
- Manufactured in such a way as to reduce vibrations
- Material: Inox 316
- Right and reversed hinge available



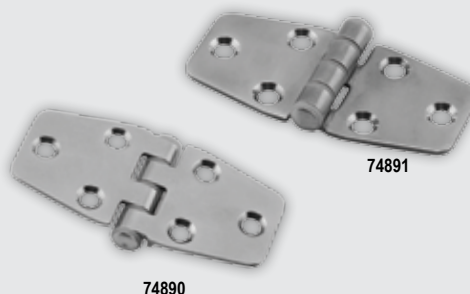
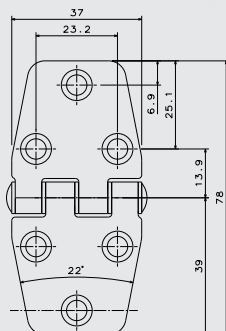
Code	Description	L (mm)	W (mm)	Thickness (mm)
74885	Right	38	37	1,8
74886	Reversed			



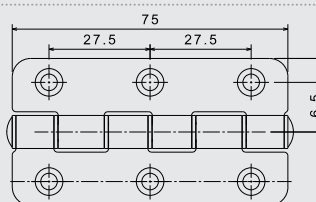
Code	Description	L (mm)	W (mm)	Thickness (mm)
74887	Right	48	37	1,8
75248	Reversed			



Code	Description	L (mm)	W (mm)	Thickness (mm)
74888	Reversed	58	37	1,8
74889	Right			



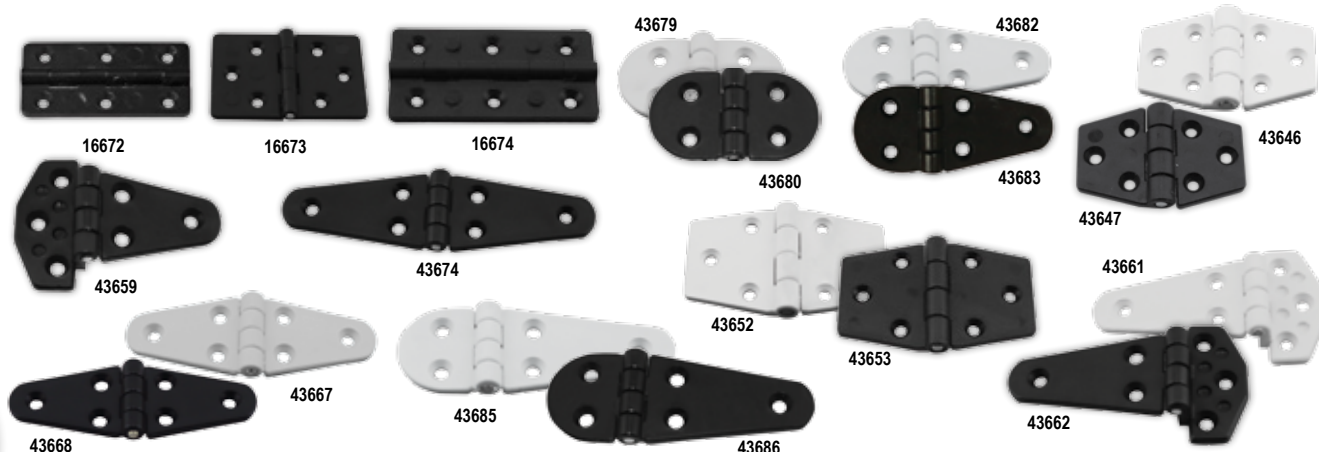
Code	Description	L (mm)	W (mm)	Thickness (mm)
74890	Reversed	78	37	1,8
74891	Right			



Code	Description	L (mm)	W (mm)	Thickness (mm)
74892	Right	40	75	1,8

Deck Equipment

Polyamide Hinges



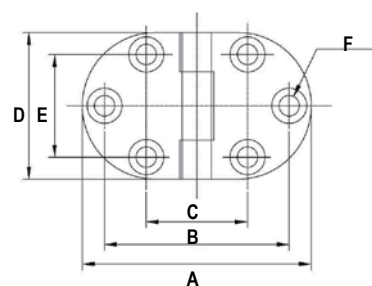
Code	Colour	Description	Pin	L (mm)	H (mm)	Thickness (mm)	Opens Through	Material
16672	Black	Rectangular	Inox	30	60	3	255°	Polyamide
16673	Black			60	40			
16674	Black			40	75			
43679	White	Round		70	40	4.5	270°	
43680	Black	Semi Oval		90				
43682	White							
43683	Black							
43685	White							
43686	Black	Double Oval		108				
43667	White			110				
43668	Black			145				
43673	White							
43674	Black	Hexagonal						
43646	White							
43647	Black							
43652	White			Offset	95			
43653	Black	85						
43658	White							
43659	Black				104			
43661	White							
43662	Black							

Deck Equipment



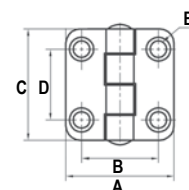
Hinge, Inox 316

Code	Description	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Thickness (mm)
70648	Reversed	74	-	39,5	38,1	19,8	5,4	2
70650		47	37,9	20,8	30	21	4,2	1,5
70649	Right	74	-	39,5	38,1	19,8	5,4	2
70651		47	37,9	20,8	30	21	4,2	1,5



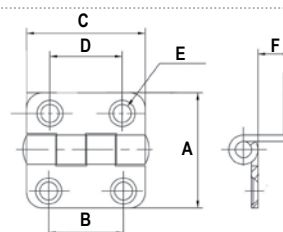
Hinge, Right, Inox 316

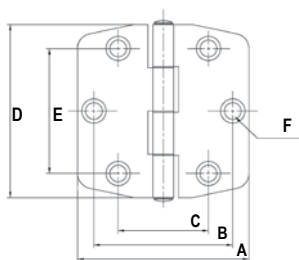
Code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Thickness (mm)
70652	35,7	25,4	37	23	5,4	2
70654	49	31,5	38	22,2	8	2



Hinge, Right with Angle, Inox 316

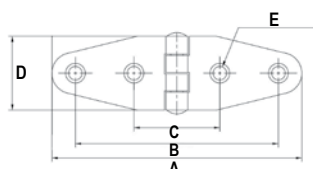
Code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Thickness (mm)
70653	35,3	23	36,5	22,2	5,4	10	2





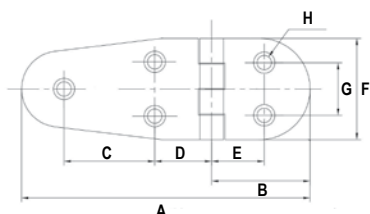
Hinge, Right, Inox 316

Code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Thickness (mm)
70655	74	60	39	75	54	7,2	2
70656	64	50	30	60	39	5,2	2



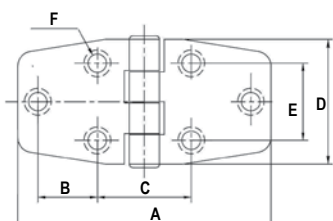
Hinge, Inox 316

Code	Description	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Thickness (mm)
70657	Right	101,6	82,5	34,9	30	5,4	2
70659	Reversed	143	111	40,9	38,1	5,4	2
70658	Reversed	101,6	82,5	34,9	30	5,4	2



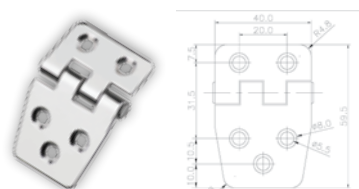
Hinge, Right, Inox 316

Code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Thickness (mm)
70660	108,8	37	34,1	21,4	19,75	38,1	19,8	5,4	2



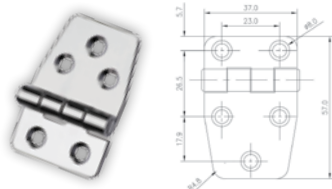
Hinge, Inox 316

Code	Description	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Thickness (mm)
70663	Reversed	76	28,2	17,9	37	23	5,4	2
70664	Right							



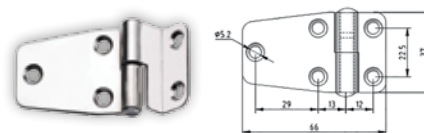
Hinge, Reversed, Inox 316

Code	70661
Length (mm)	59,5
Width (mm)	40
Thickness (mm)	2



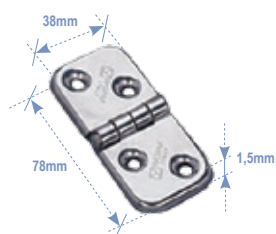
Hinge, Right, Inox 316

Code	70662
Length (mm)	57
Width (mm)	37
Thickness (mm)	2



Hinge, Right with Angle, Inox 316

Code	70665
Length (mm)	66
Width (mm)	37
Thickness (mm)	2



Hinge, Inox 316

Code | 96103


Locking Hasp,
L.77mm, W.30mm

Code | 99592


Safety Eye Hasp,
Inox 304, 99 x 25mm

Code | 99591

STANCHION Cover, Clip-on

Clip-on STANCHION Cover is a unique flexible stanchion cover, which provides ideal protection for all bow sails. It is made with Flexible Integral PU Skin Foam technology. STANCHION prevents from chafing of the genoa caused by constant rubbing against the stanchions. It has easy fitting, with 2 nylon clips included.



○ 197757

L (mm)	H (mm)	W (mm)	(kg)
100	70	34	0,06



SAIL DEFENDER Lifeline Cover, Clip-on

Unique flexible lifeline cover to fit all pulpit in line with the lifeline. Provides ideal protection for all bow sails. Flexible integral skin foam technology. Easy to fit with 5 nylon clips included.



○ 197759

L (mm)	H (mm)	W (mm)	(kg)
320	70	45	0,21



Inox Tube



Code	10420	10421
Description	Inox 316	Inox 304
Diameter (mm)	25	25
Thickness (mm)	1	1
Length (m)	3	3



Round Base, 60°, Inox 316, Base Ø57mm

Code	70607	70608
Diameter (mm)	22	25



Round Base, 90°, AISI 316, Base Ø54mm

Code	70616	70615
Diameter (mm)	22	25



Round Base 45°, AISI 316

Code	98080	98081
Diameter (mm)	22	25



Round Base 60°, Casted, AISI 316, Inter. Ø 22mm

Code	92838	92839
Diameter (mm)	22	25



Round Base 90°, Casted, AISI 316, Inter. Ø 22mm

Code	92829	92830
Diameter (mm)	22	25



Rectangular Base 90°, Casted, AISI 316, Inter. Ø 22mm

Code	92832	92833
Diameter (mm)	22	25



Rectangular Base 60°, Casted, AISI 316

Code	92831	98082
Diameter (mm)	22	25



Rectangular Base 45°, AISI 316

Code	98083	98084
Diameter (mm)	22	25



3-way Corner Fitting, AISI 316

Code	98087	98088
Diameter (mm)	22	25



Elbow 90°, Casted, AISI 316

Code	92836	92837
Diameter (mm)	22	25



Tee 90°, Casted, AISI 316

Code	92834	92835
Diameter (mm)	22	25



Tee 60°, Right Hand, AISI 316

Code	98085	98086
Diameter (mm)	22	25



Rectangular Base with Inclination 90°, Inox 316, Ø25mm

Code | 95881



Round Base 90°, Inox 316, Ø25mm

Code | 95882



Rectangular Base with Inclination 60°, Inox 316, Ø25mm

Code | 95880



T Connection 90°, Inox 316, Ø25mm

Code | 70618



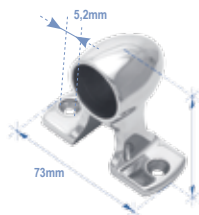
T Connection 60°, Inox 316, Ø25mm

Code | 70617



Fitting for Rails, Central Cap 90°, Inox 316

Code | 96893
Size (In.) | 1 (25mm)



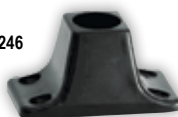
Rail Fitting, Top Side Cap 90°, Inox 316

*Surface: H.P. - Body: Casting
*Surface H.P.= Hand polish

Code | 96892
Size (In.) | 1



43246



43247



Rectangular Socket, for Tube Ø22mm, Plastic, Black

Code	Base Dimensions (mm)	Diameter (mm)	Model
43246	74x39x38	22	90°
43247	89x39x44		60°

44051



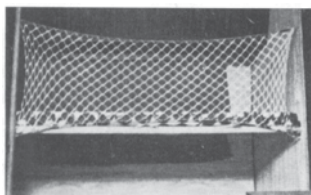
44052



T-Fitting for Rails, Black

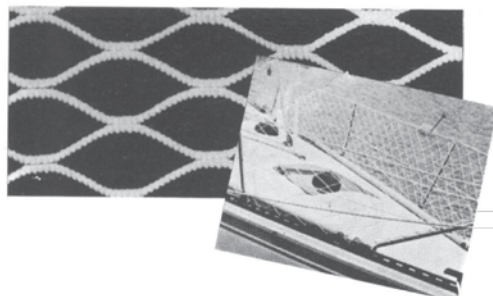
Code	Model	For tube Ø (mm)
44051	T 90°	22
44052	T 60°	

Net for Bow Rail and for Beds, 25mm Holes



Code | 98289

* Sold by linear meter

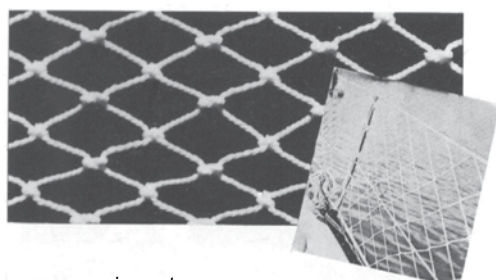


Net for Bow Rail and for Beds "Standard"

Made of polyester fibre, resistant to the salt-water. Suitable for protecting the sails on the boats. Size of meshes 25mm. The length showed in our catalogue is in relation to a height of about 20cm. The net can be extended to a height of 60cm, reducing consequently the length.

Code | 98288

* Sold by linear meter



Net for Bow Rail and for Beds "Extra"

Made of polyamide fibre, resistant to the salt-water. Suitable for protecting sails and people on the boats. Size of meshes 25mm. The length showed in our catalogue is in relation to a height of about 20cm. The net can be extended to a height of 60cm, reducing consequently the length.

Code | 98287

* Sold by linear meter



Marine Padlock

- Chrome plated brass body
- Stainless steel shackle & springs for maximum resistance to corrosion from sea water & sun
- Automatic return of the key to extraction position
- Key withdrawal with open or closed shackle - Available in blisters of 1, 3 and 5 padlocks
- In the set of 3 or 5 padlocks, all the padlocks unlock with the same key



11143



11905



11906



11134



11135



11136



11137



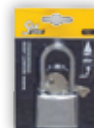
11138



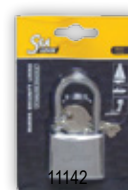
11139



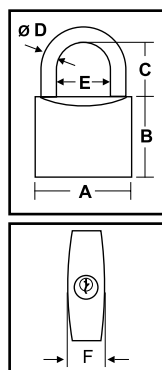
11140



11141



11142



Code	Standard shackle					Long shackle				Set of 3 Padlocks 30mm with joint key	Set of 3 with long shackle, 30mm, with joint key	Set of 5 Padlocks 30mm with joint key
	11134	11135	11136	11137	11138	11139	11140	11141	11142	11143	11906	11905
A(mm)	25	30	40	50	60	25	30	40	50	30	30	30
B(mm)	24	29	33	40	45	24	29	33	40	29	29	29
C(mm)	16	21	23,5	29	31	24	30	41	75	21	30	21
D(mm)	4	5	6	8	9	4	5	6	8	5	5	5
E(mm)	13	15	20	26	32,5	13	15	20	26	15	15	15
F(mm)	12	13	14,5	17	18	12	13	14,5	17	13	13	13

Deck Equipment



Lock for Hatches, Inox, Ø 12 mm

Code 10274



Hatch Fastener, Inox 316

Code 70611
Dimensions (mm) 26 x 79



Safety Lock for Outboard Engines, Inox 316

For lock of Ø 8mm

Code 99525 99526
Length (mm) 235 280



Lock and Keys for Deck Hatches TOP LINE/MID LINE/CLASSIC

Ø 12mm

Code 44813



Lock and Keys for Inspection Hatches

Ø 18,6mm

Code 44810



Door Fastener, Plastic

Code	Colour	Material	Dimensions (mm)
43791	Black	Nylon	22 x 32
13872	White		



Store-All Utility Hook, Set of 2 pcs

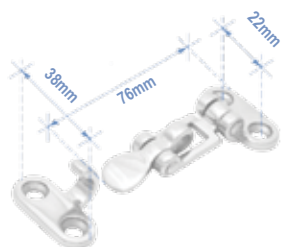
Ideal for multiple uses on board. You can place it on a flat surface of your boat and use it to tie lines, hang clothing or towels, etc. It is available in a pack of two, in white and graphite colour. Made of plastic.

Code	94126	99231
Colour	White	Graphite
Length (cm)	2.5	2.5
Height (cm)	7.5	7.5
Width (cm)	3	3



Anti-rattle Barrel Bolt

Code	Colour	Material	Dimensions (mm)
43851	White	Plastic	(25+60) x 30 x 13



Cover Latch, Inox 316

Code	97008
Size (In.)	3

*Surface: E.P. - Body: Casting
*Surface E.P.= Electro polished



**Hatch Fastener,
Chrome Plated Brass**

Code	99070
Height (mm)	100
Breadth (mm)	30
Diameter (mm)	6.5



**Hatch Fastener,
Chrome Plated Brass**

Code	99071
Height (mm)	100
Breadth (mm)	30
Diameter (mm)	6,5



**Spring Fender Hook,
Inox 316**

Code	97024	97025
Size (mm)	38	41



**Barrel Bolt,
Chrome Plated Brass**

Code	99977	99978	99979
Length (mm)	50	80	100



**Barrel Bolt,
Chrome Plated Brass**

Code	99980
Length (mm)	80



**Barrel Bolt,
Inox 316**

Code	99985
Length (mm)	76



**Elbow Catch for Hatch,
Brass**

Code	99804
------	-------



**Cabin Hook,
Brass Chrome Plated**

Code	99814	99815	99816
Length (mm)	50	100	150



Deck Equipment

Handles & Handrails



**Handle for 90°-180°
Inspection Hatch**

Code	Colour
44197	White
44198	Grey
47737	Cream



**Handles for EURO 1 & 2
Hatch, Set**

Code	44208
------	-------



**Handle for TOP LINE/MID
LINE/CLASSIC Hatches**

Code	Colour
44206	White
44207	Grey
47738	Cream
196494	Chromed
198133	Black



**Handles for EURO 38
& EURO 57 Hatches, Set**

Code	195540
------	--------



Finger Flush Pull Handle, Plastic

Code	Colour	Dimensions (mm)	Finger hole Ø (mm)
44227	White	57 x 57	44
47752	Cream	57 x 57	44



Handrail, Inox

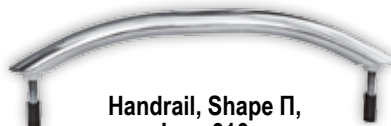
Code	Length (mm)	Diameter (mm)
44209	475	22
44210	625	

Handles & Handrails



Handrail, Inox 316

Code	97686	97687	97688	97689
Diameter (mm)	22			
Length (mm)	300	500	650	850



**Handrail, Shape П,
Inox 316**

Code	93508	93509	93510
Width (mm)	25		
Length (mm)	300	400	500



**Knob for Door, Inox 316,
L.205mm, H.55mm, M6**

Total Height: 55mm, Base Length: 205mm,
Base Width: 40mm, Thickness: 2,5mm

Code | 70642

**Flush Lift Ring,
Stamped, Inox 316**

Code	98718
Dimensions (mm)	56 x 66



**Flush Lift Ring,
Stamped, Inox 316**

Code	98719
Dimensions (mm)	76 x 57

**Ring Pull,
Chrome Plated Brass**

44mm x 38mm x 13mm (L x W x H)

Code | 99817



**Ring Pull, Brass
Polished**

44mm x 38mm x 13mm (L x W x H)

Code | 99818



**Handle,
Chrome Plated
Brass**

Code	99084
Length (mm)	122
Breadth (mm)	33
Height (mm)	29



**Handle/Step,
Plastic**

Code | 90372



**Handle for Hatch,
Left (Set)**

Code | 70934



**Handle for Hatch,
Right, Set**

Code | 71213



Screws, Nuts & Washers

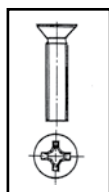


Screws, Nuts, Inox 316

SEA WARE range of screws, nuts, bolts and other accessories, are especially designed for the marine industry. Made of Inox 316 for great resistance against the marine environment and weather conditions. All products feature top quality, fine surface finishes and high durability for long time use. For your convenience, the screws, nuts and all the marine accessories are available in blister sets.



**BLISTER
(Small quantity)**



Countersunk Head Screw, Cross Slotted, Inox 316, DIN 965/ISO 7046

Code	11195	11196	11197	11198	11199	11200	11201	11202	11203	11204	11205	11206
Dimensions(mm)	3x12	3x16	3x20	3x25	4x16	4x20	4x25	4x30	4x35	4x40	5x16	5x20
Quantity (pcs)	25	25	20	20	20	16	15	15	10	10	10	12

Code	11207	11208	11209	11210	11211	11212	11213	11214	11215	11216	11217
Dimensions(mm)	5x25	5x30	5x40	5x50	5x60	6x25	6x30	6x40	6x50	6x60	6x70
Quantity (pcs)	10	8	6	4	4	6	6	5	4	3	2

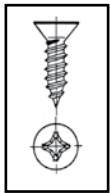


Plain Recessed-head Self-tapping Screw, Inox 316, DIN 7981/ISO 7049

Code	11218	11219	11220	11221	11222	11223	11224	11225	11226	11227	11228	11229	11230	11231
Dimensions(mm)	2,9x9,5	2,9x13	2,9x16	2,9x19	2,9x25	3,5x9,5	3,5x13	3,5x16	3,5x19	3,5x25	3,5x32	4,2x9,5	4,2x13	4,2x16
Quantity (pcs)	20	20	20	20	20	20	20	20	20	20	16	20	20	20

Code	11232	11233	11234	11235	11236	11237	11238	11239	11240	11241	11242	11243	11244	11245
Dimensions(mm)	4,2x19	4,2x25	4,2x32	4,2x38	4,2x50	4,8x16	4,8x19	4,8x25	4,8x32	4,8x38	4,8x50	5,5x19	5,5x25	5,5x32
Quantity (pcs)	15	15	15	10	8	15	15	12	10	8	7	10	8	7

Code	11246	11247	11248
Dimensions(mm)	5,5x38	5,5x50	5,5x60
Quantity (pcs)	6	4	4

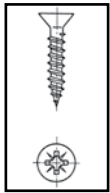


Countersunk Screw, Slotted-head, Self-tapping, Inox 316, DIN 7982/ISO 7050

Code	11249	11250	11251	11252	11253	11254	11255	11256	11257	11258	11259	11260	11261	11262
Dimensions(mm)	2,9x9,5	2,9x13	2,9x16	2,9x19	2,9x25	3,5x9,5	3,5x13	3,5x16	3,5x19	3,5x25	3,5x32	4,2x9,5	4,2x13	4,2x16
Quantity (pcs)	20	20	20	20	20	20	20	20	20	20	16	20	20	20

Code	11263	11264	11265	11266	11267	11268	11269	11270	11271	11272	11273	11274	11275	11276
Dimensions(mm)	4,2x19	4,2x25	4,2x32	4,2x38	4,8x16	4,8x19	4,8x25	4,8x32	4,8x38	4,8x50	5,5x19	5,5x25	5,5x32	5,5x38
Quantity (pcs)	20	20	15	10	15	15	15	12	10	8	10	8	8	6

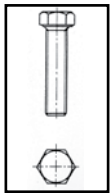
Code	11277	11278
Dimensions(mm)	5,5x50	5,5x60
Quantity (pcs)	4	4



Chipboard Screw, Countersunk Recessed-head, Inox 316

Code	11308	11309	11310	11311	11312	11313	11314	11315	11316	11317	11318	11319	11320	11321
Dimensions(mm)	3x16	3x20	3x25	3x30	3,5x16	3,5x20	3,5x25	3,5x30	4x20	4x25	4x30	4x35	4x40	4x50
Quantity (pcs)	30	25	25	20	20	25	20	20	20	16	15	15	15	12

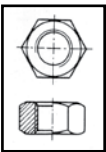
Code	11323	11324	11325	11326	11327	11328	11329	11330	11331	11332
Dimensions(mm)	4,5x30	4,5x35	4,5x40	4,5x50	5x30	5x40	5x50	5x60	5x70	5x80
Quantity (pcs)	12	10	10	10	12	8	7	6	6	5



Bolt, Hexagon Head, Fully-threaded, Inox 316, DIN 933/ISO 4017

Code	11333	11334	11335	11336	11337	11338	11339	11340	11341	11342	11343	11344	11345	11346
Dimensions(mm)	4x10	4x20	4x30	5x16	5x20	5x25	5x30	5x40	5x50	6x16	6x20	6x25	6x30	6x35
Quantity (pcs)	20	15	10	8	8	7	6	5	4	7	5	4	4	4

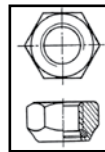
Code	11347	11348	11349	11350	11351	11352	11353	11354	11355	11356	11357	11358	11359
Dimensions(mm)	6x38	6x40	6x45	6x50	6x60	8x20	8x30	8x40	8x50	10x30	10x40	10x50	10x60
Quantity (pcs)	4	4	3	3	2	2	2	2	1	1	1	1	1



Hexagon Nut, Inox 316, DIN 934/ISO 4032

Code	70170	70171	11362
Dimensions(mm)	M3	M4	M5
Quantity (pcs)	20	20	20

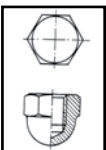
Code	11364	11365
Dimensions(mm)	M8	M10
Quantity (pcs)	8	3



Hexagon Nut, Self-locking, Inox 316, DIN 985/ISO 10511

Code	11366	11367	11368
Dimensions(mm)	M3	M4	M5
Quantity (pcs)	10	10	10

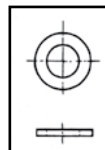
Code	11369	11370	11371
Dimensions(mm)	M6	M8	M10
Quantity (pcs)	10	6	3



Hexagon Nut, Grommet, Inox 316, DIN 1587

Code	11378	11379	11380
Dimensions(mm)	M3	M4	M5
Quantity (pcs)	8	8	6

Code	11381
Dimensions(mm)	M6
Quantity (pcs)	5



Flat Washer, Inox 316, DIN 125/ISO 7089

Code	11390	11391	11392
Dimensions(mm)	M3	M4	M5
Quantity (pcs)	50	30	30

Code	11393	11394	11395
Dimensions(mm)	M6	M8	M10
Quantity (pcs)	20	20	15

Screws, Nuts & Washers



Washer for Screw, Plastic Grommet only



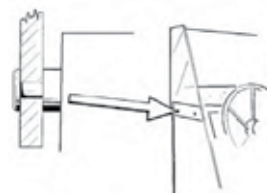
Code	Colour	Diameter Ø (mm)
44977	White	3.5
44983		4.5
44989		5.5
44978	Black	3.5
44984		4.5
44990		5.5

Set of 3



Windshield Spacer & Screw Cap

Code	Colour	Description
43835	White	Spacer. Ø overall 20 - overall height 10 - Ø hole 7 mm
43836	Black	



Pilot Seats & Pedestals



Pairing Seat with Base

Step 1: Select the seat of your liking

Step 2: Using the following table, select one of the bases which corresponds to the seat of your choice

Step 3: Using the colours of the following table, check whether the use of any additional component is necessary or not

Seats										
Code	90095	90113	90108	99801	90128	90115	90112	90096	99579	90129
90136	•	•	•	•	•	•	•	•	•	•
90130	•	•	•	•	•	•	•	•	•	•
90134	•	•	•	•	•	•	•	•	•	•
90135	•	•	•	•	•	•	•	•	•	•
90137	•		•		•	•	•	•		•
99519	•	•	•	•			•			
99581	•	•	•	•			•			
99582	•	•	•	•			•			

Additional Components		90131	
	•	90131	Necessary to use 90131 (page 220) with the corresponding set of seat - base
	•	90133	Necessary to use 90133 (page 220) with the corresponding set of seat - base
	•	90131	Optional use of 90131 (page 220) with the corresponding set of seat - base



Admiral Chair, with Full Cushion, Graphite

Height 43 cm x Width 48 cm x Depth 43 cm

Code | 90095



First Mate Cushion Chair, White

Height 38 cm x Width 44,5 cm
x Depth 39 cm

Code | 90113



Skipper Fold-down Chair Shell

Height 45,5 cm x Width 49,9 cm x Depth 43 cm

Code | 90108



Cushion for Skipper Seat, Light Grey

Code | 90109



Traveller Fold-down Chair Shell, with Cushions, Grey

Height 35,5 cm x Width 51 cm x Depth 45,5 cm

Code | 99801



Deluxe Captain Chair, White

Height 48 cm x Width 63,5 cm x Depth 58,5 cm

Code | 90115



Skipper Chair with Cushion, Light Grey/Dark Grey

Code | 90112



Yachtsman Chair, with Cushion, White

Height 43 cm x Width 48 cm x Depth 45,5 cm

Code | 90128



Admiral Seat Shell, with Mounting Plate

Height 43 cm x Width 48 cm x Depth 43 cm

Code | 90096



First Mate Chair Shell

Height 38 cm x Width 44,5 cm x Depth 39 cm

Code | 99579



Yachtsman 2 Chair

Height 43 cm x Width 48 cm x Depth 45,5 cm

Code | 90129



Folding Chair, White

Height 48,26 cm x Width 40,64 cm x Depth 48,26 cm

Code | 72106



Columbia Seat Pedestal, Fixed

Code | 90136



Columbia Seat Pedestal, with Adjustable Height 352-428 mm

Code | 90130



Columbia Seat Pedestal, with Slide

Code | 90137



Seat Swivel, with 12 Locking Positions

Code | 90133



Seat Swivel Base, 174 mm x 174 mm

Code | 99580



Trac-Lock II Chair Slide

Code | 90131

Belle Seat Pedestal, with Adjustable Height 330-432 mm

Code | 90134* | 90135

*with swivel locking



Pilot Seats & Pedestals



Pedestal

Fixed

Code	99581	99582
Height (mm)	178	330

With Swivels

Code	99583	99584
Height (mm)	178	330



Seat Base, Telescopic, Inox 316

Diam: 60mm, H: 450mm

Code | 99519

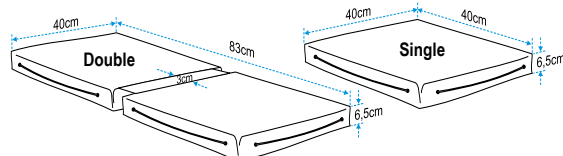
Buoyant Deck Cushions



Buoyant Deck Cushions

- Equipped with waterproof outer material and filled with polyethylene foam
- Can provide efficient buoyancy to the casualty in case of MOB situation
- With integral straps around the cushions for easy & quick carry
- Can lock on your boat with the nylon hook at their back
- Available in white, red and blue colour, single or double
- White cushions are made of PVC
- Red and blue cushions are made of polyester with PVC overlay
- It is recommended to spot clean the cushions with cold fresh water

Code	Deck Cushion	Colour	Material	Buoyancy (N)	Weight (kg)
11511	Single	White	PVC	100	0,5
11512	Double			200	1
11513	Single	Red	Polyester	90	0,5
11514	Double			190	1
11515	Single	Blue	Polyester	90	0,5
11516	Double			190	1



Tables & Pedestals

Table Top, White



49722



47087



197241



197292

Code	Model	Material	Length (mm)	Width (mm)	Thickness (mm)
49722	Rectangular	Polyethylene	700	500	30
47087	Round	Polyethylene	Ø 600		30
197241*	Round	White ASA, impervious to UV and chemical solvents	Ø 610		40
197292*	Oval	White ASA, impervious to UV and chemical solvents	760	450	40

*with 2 glass holders

Table Top Plate,
Ø190mm -
H.55mm, White



Code | 43263

Table Bottom Plate,
Deck mounted,
Ø190mm
- H. 55mm, White



Code | 196163

Table Bottom Plate,
Flush mounted,
Aluminium,
Ø150mm-H.9,5mm



Code | 197291

Table Bottom Plate,
Flush mounted,
Ø190mm-H.10mm,
White



Code | 43261

Clips for Table Pedestals, Set (2 pcs)



Code | 197289

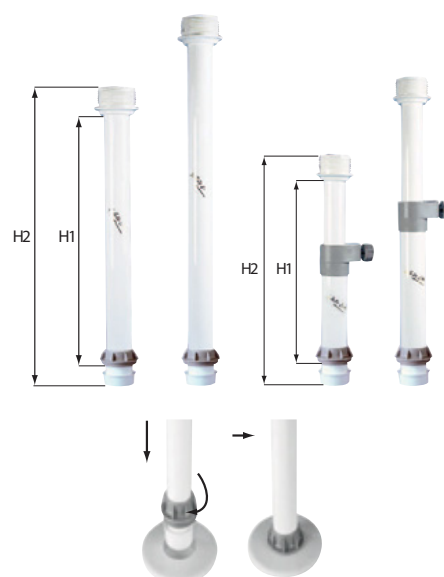
Nuova Rade

Compatibility Chart

Description		Code	Table Top			
Top Plate		43263	Yes	Yes	-	-
Bottom Plate	Deck Mounted	196163	Yes	Yes	Yes	Yes
	Flush Mounted	197291	Yes	Yes	Yes	Yes
Pedestals	Fixed	44048	Yes	Yes	Yes*	Yes*
		44049	Yes	Yes	Yes*	Yes*
	Telescopic	44060	Yes	Yes	Yes*	Yes*
		44058	Yes	Yes	Yes*	Yes*

*Screws directly on table top

Table Pedestal



Code	Description	Tube Ø (mm)	Height H1 (mm)	Height H2 (mm)
44048	Fixed tube White enamelled aluminium	60	530	610
44049	Fixed tube White enamelled aluminium	60	690	770
44060	Telescopic tube White enamelled aluminium	60	300 / 520	380 / 600
44058	Telescopic tube White enamelled aluminium	60	400 / 730	480 / 810



Support Bracket for Table, AISI 316, 300 mm x 165 mm x 20 mm

Max. Weight Limit: 100 kg

Code | 70633



Table Pedestal, Adjustable Height 547-700mm

Code | 90142

Deck Chairs & Tables

Aluminium Deck Chair, Teak Armrests, Navy Blue



Max. Weight Limit: 90 kg

Code | 70936

Aluminium Table with Melamine Top



Code	70939	70941
Dimensions (cm)	44x88x61	60x88x61

Aluminium Table with Melamine Top



Code	70940
Dimensions (cm)	61x61x49

CHOOSING THE RIGHT CANOPY



When choosing a canopy for your boat you should first ensure that the model is suitable for your type of boat (sail or power). It is also important to ensure that you measure your boat accurately and make sure that adequate fitting space is available.

Step 1. Calculate the Length (A)

On sailing boats, we recommend the length of the canopy to be equal to the distance between the centre of the companion way steps to a point just beyond the rear of the cockpit. This measurement should reach the backstay without including it. If you prefer a larger canopy, you should make the appropriate modifications in order for the backstay to pass through the canopy. In powerboats the length of the canopy is only defined by your specific requirements and the area of the boat you wish to cover. So, (A1-A2) = Canopy Length

Step 2. Points of installation

On sailing and powerboats, the points of installation are calculated by dividing the canopy length by 2. i.e. $A / 2 = \text{Points of Installation B1 \& B2}$. This formula gives you the distance between points A1 or A2 to the point where you should place the canopy. In sailing boats these points should be slightly inboard of the rails to cover the cockpit area. On powerboats the usual installation point is the middle of the gunwale.

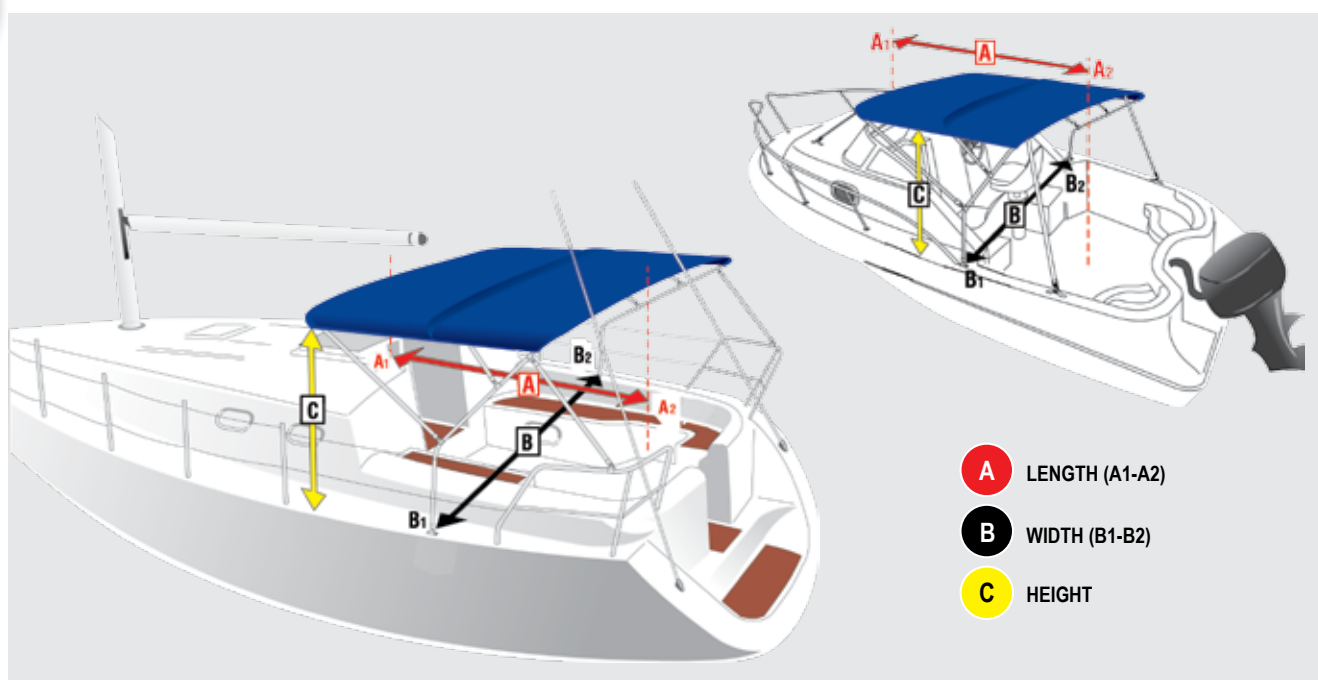
Step 3. Calculate the Width (B)

Measure the distance between installation points. So (B1-B2) = Width. Please note that the width of the canopy is not necessarily the boat's width.

Step 4. Calculate the Height (C)

Calculate the height of the canopy according to your own requirements. In order to measure the height, just measure the distance from the installation points up to the desired height. On powerboats, the height of canopy should not obstruct navigation lights.

Deck Equipment



Canopy "Athens", Inox, Blue

The "Athens" range has been designed to the highest standards. The frame is made of stainless steel for extended life and high resistance to corrosion, while also providing an attractive, polished finish. It is available in various sizes with lengths varying from 180 to 280 cm, width 180 to 280 cm, while the height is adjustable, up to a maximum of 155 cm. The canopy top is made of PVC coated nylon fabric, which is 100% waterproof, UV resistant and is available in a smart blue. Choose the frame whose dimensions fit the nearest to your boat. Follow the above fitting instructions, and enjoy moments of relaxation at sea.

Code	70907	70908	70909	70910	70911
Length(cm)	180	180	180	200	200
Width(cm)	180	230	280	200	215
Height(cm)	155	155	155	155	155

Code	70912	70913	70914	70915	70916
Length (cm)	240	240	240	280	280
Width (cm)	180	230	280	230	280
Height (cm)	155	155	155	155	155



Complete Solution

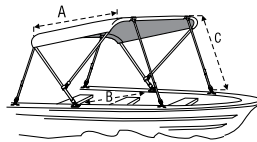


Canopy Poseidon, Aluminium

The Poseidon series belongs to the new category of professional canopies of single opening, with aluminium tubes, joints and hinges made of polycarbonate material and heavy waterproof fabric that provides protection from UV radiation. All you need to get are the screws.



Code	57320	50461	50462	50463	50464
Colour	White				
A (cm)	180				
B (cm)	130	150	170	190	210
C (cm)	110				

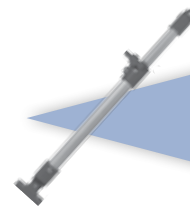


Canopy Venus, Aluminium

The Venus series follows approximately the same design parameters of the Poseidon series while the main difference is that it has a central support in order to achieve better fastening and better stretching of the fabric. The fabric is waterproof and offers protection against UV radiation.



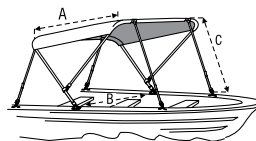
Code	57321	50481	50482	50483	50484	new 75249	new 75250
Colour	White						
A (cm)	180					200	210
B (cm)	130	150	170	190	210	150	170
C (cm)	135						



Combine with
Canopy Support Poles
page 235

Canopy Zeus, Aluminium

The Zeus series is the series of the largest canopies with aluminium base. It has a quadruple side support and can be folded back so that it can be wrapped with a protective cover. The supports are also made of aluminum and their waterproof fabric provides protection against UV radiation. The canopies Zeus cover an area of more than 5 square meters.



Code	50501	50502	50503
Colour	White		
A (cm)	240		
B (cm)	170	190	210
C (cm)	135		

Canopy Basic, Aluminium

Designed to be used as a canopy on small speedboats and inflatable boats. Easy to set up, quick fold and store when not in use. Made of thick nylon coated PVC and marine grade anodized aluminium, available in white colour and in 4 sizes for the correct adjustment to the width of your boat.



Code	50431	50432	50433	50434
Colour	White			
A (cm)	133	195	235	280
B (cm)	120	140	162	180
C (cm)	105	109	113	117

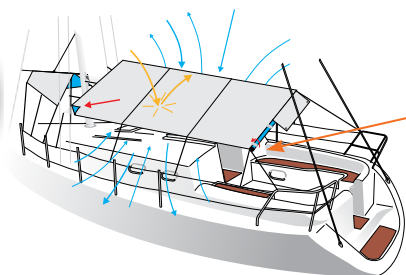


Sunshade JOS



JOS sunshade has been designed to offer relief from the sun's penetrating rays anywhere on board. They are made of 420D polyester, with UV protection and are supplied in rectangular and trapezium shape, in order to fit to all boat types. They have been designed in such a way that the air is recycled and not "trapped", making life on board far more pleasant. The texture of the upper part of the shade reflects the sun's rays, while the underside enhances the cool feel with its light blue finish.

"JOS" sunshades are lightweight and can be installed in few minutes, by using the aluminium poles supplied, or alternatively the rectangular poles and the supplied rope for the trapezium shape. For better fit, you can adjust the sunshade to your boat's rails by using the supplied elastic rope. Available in 8 different dimensions and one colour combination (silver/blue).



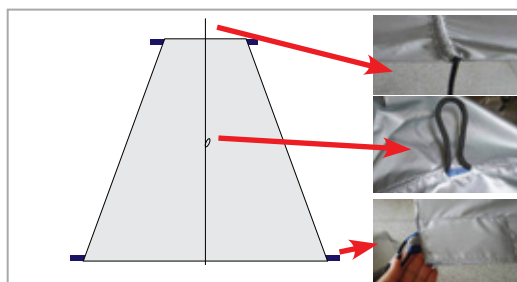
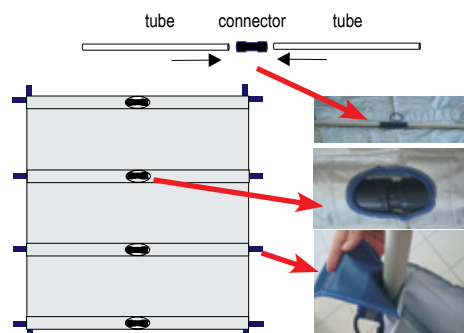
Rectangular

Code	70896	70897	70898	70899
Dimensions (cm)	260x460	315x370	315x430	350x490

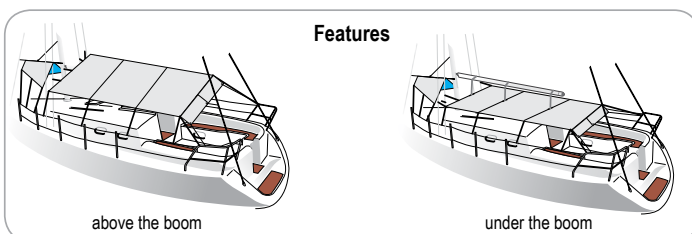
Trapezium Shape

Code	70900	70901	70902	70903
Dimensions (cm)	80x210x220	80x230x320	80x290x360	80x320x400,5

8 Tubes & 4 Connectors are included

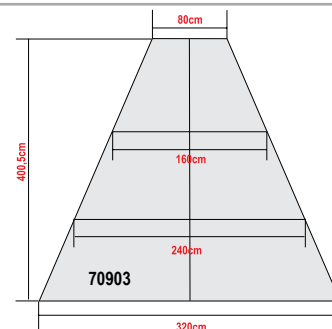
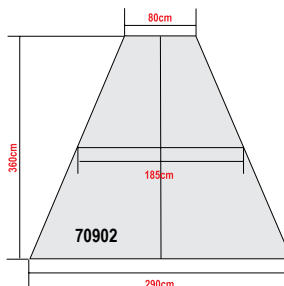
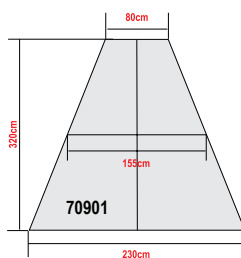
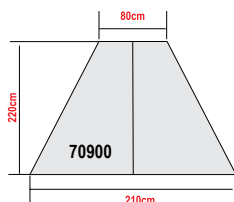
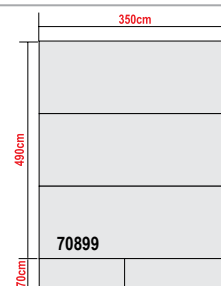
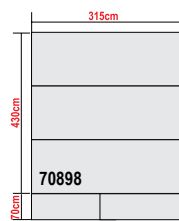
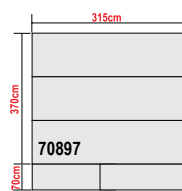
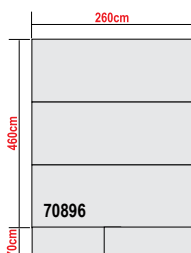


Features



above the boom

under the boom





Hook for Inflatable Boat Cover

Rope or shock cord Ø 8 mm max.
Length 40 mm x Height 40 mm

Code	Colour
28112	Black
44015	White
44016	Grey



Mounting Clip 10mm for Bimini-Top, Ø25mm Tube

Code	Colour
35002	Black
43105	White



Mounting Fitting for Bimini-Top Frame

Code	Colour	For tube Ø (mm)
43091	Black	20
43090	White	
43103	Black	22
43102	White	



Clevis Forks for Bimini Top

Code	Description
43066	for Bimini Tops Socket 43107, White
43067	for Bimini Tops Socket 43108, Black



Bottom Socket for Bimini Top

Code	Colour
43107	White
43108	Black



Suction Disc

Code	Description
43233	Grey suction disc Ø 92 mm
43234	Black suction disc Ø 92 mm



Mounting Fitting, Bimini-Top Frame, Clamp-on

Code	Colour	For tube Ø (mm)
43088	Black	20
43087	White	
43100	Black	22
43099	White	



Mounting Fitting, Bimini-Top Frame, 2-Wings

Code	Colour	For tube Ø (mm)
43082	Black	20
43081	White	
43094	Black	22
43093	White	



Mounting Fitting, Bimini-Top Frame, 1-Wing

Code	Colour	For tube Ø (mm)
43085	Black	20
43084	White	
43097	Black	22
43096	White	



Rail Fitting (Top Cap), Inox

Code	50871	96928
Diameter(mm)	25	22



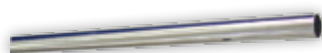
Deck Hinge, Inox

Code	50870
Diameter (mm)	25



Top Slide, Inox

Code	50872	96930
Diameter(mm)	25	22



Tube, Inox 316

Code	10420	10421
Inox	316	304
Diameter (mm)	25	
Thickness (mm)	1	
Length (m)	3	



Top Slide, Inox

Code	50876	50873	57205
Diameter(mm)	32	25	22

Aluminium Canopy Accessories

The range of canopies is complemented by an extensive range of accessories that can be also used to custom build your own canopy. All products are made of durable polycarbonate materials with protection from UV radiation, so as to achieve a longer service life.

Rawlock Attachment Bush



Code | 50420



Rowlock Attachment Pin

Code | 50410

Canopy Socket for Inflatable Boat Ø 22 mm (7/8")

Code | 50550



Canopy Hinge 90°



Code | 50070

Canopy Socket

Code | 50080

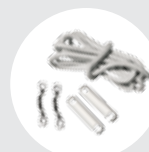


Canopy Socket

Code | 50090



All aluminum canopies are supplied with covers, except for the "Basic" one. The covers for "Athens" Inox canopies are optional.



All canopies are supplied with four adjustable straps, apart from the "Athens" model, which has two.

Connector Ø 7/8"

Code | 00249



Jaw Slide Ø7/8"

Code | 50330



Deck Hinge

Code | 50320



Quick Release Deck Hinge

Code | 50380



Eye End Ø7/8"

Code | 00837

Eye End Ø3/4"

Code | 00838



Adjustable Strap 25mm

Code | 50350



Strap Buckle 1" (25mm)

Code | 00716



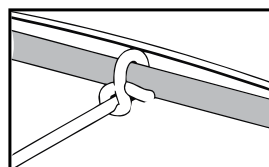
Bimini Accessories with Rope, Set (2 pcs)

Code | 71964



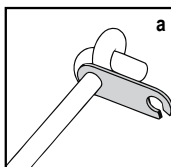
Includes:
2m rope
2 adjusters
2 eye strap
4 screws

1

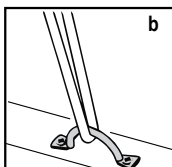


Fasten one end of the rope to the bimini tube.

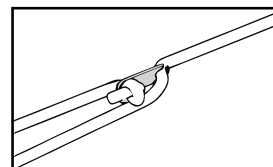
2



Tie the other end of the rope to a knot (a), pass the rope underneath the eye strap (b) and stretch it.



3



Hook the adjuster on the rope so as to remain stretched all the time.

Connector "Cross"



Code | 50875

Cover for Canopy Connector "Cross"



Code | 01834

Deck Hinge, Quick Release, Side mounted



Code | 50680

Deck Hinge, Side mounted

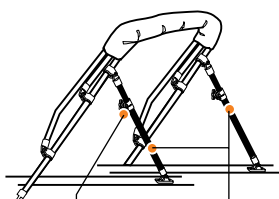


Code | 50681

Deck Hinge Quick Release for Inflatable Boats



Code | 50390



Jaw Slide, Quick Release, Ø 22 mm (7/8")

Code | 50360



Webbing

Code	Description
00043	Polyester Webbing 25mm, Thickness 0,9mm, White, (Roll 50m)
02035	Polyester Webbing 25mm - Yellow (Roll 50m)
02262	Polyester Webbing 50mm, Thickness 1,3mm, White (Roll 50m)

Press Stud Socket



Code | 70626

Press Stud with Screw & Nut



Code | 70628

Screwdriver for Press Studs 70626 & 70629



Code | 70631

Canopy Support Pole 71 to 122cm (28" to 48")



Code | 50340

Press Stud, Twisted



Code | 70627

Press Stud with 2-Hole Screw Base



Code | 70630

Press Stud for Fabric



Code | 70629

Canopy Fabric, Width 150cm



Code	01769
Colour.	Blue

* Sold by m²

Pull Pin, Inox, Pin Ø 6,3mm



Code	99637
Total Length (mm)	194



Washer for Screw, Plastic

Washer only



Code	Colour	Diameter Ø (mm)
44977	White	3.5
44983		4.5
44989		5.5
44978		3.5
44984	Black	4.5
44990		5.5

Twist Stud & Clinch Plate, Ø29mm, 35x17mm, Black



Code | 45358

Cap & Washer for Screw, Plastic

*Washer with screw cap



Code	Colour	Diameter Ø (mm)
44916	Black	3.5
44914	White	
44923	White	4
44925	Black	4.8

*screw not included

Tarpaulin Covers

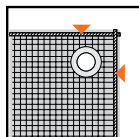
Protective Cover – Tarpaulin, Silver

It can be used in various applications such as:

- Cover boats, cars etc.
- Tent on boats
- Cover equipment and machinery stored in outside areas
- Cover painted areas
- Camping
- Swimming-pool cover and many others

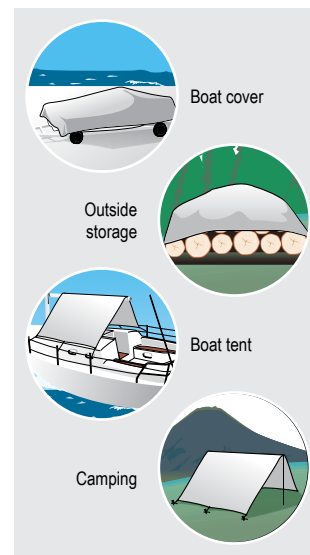
Characteristics:

- Extra strong polyethylene
- Water-resistant and weatherproof
- Re-usable
- Washable
- UV-resistant
- Laminated on both sides for maximum weatherproofing
- 120gr/m²



The outer edges are reinforced with rope sealed in hem for extra strength

Code	Dimensions(m)
57227	2 x 1,5
57228	2,5 x 2
57229	3 x 2,5
57230	3 x 3
57231	4 x 2,5
57232	4 x 3
57233	4 x 4
57234	5 x 2,5
57235	5 x 3
57236	5 x 4
57237	5 x 5
57238	6 x 3
57239	6 x 4
57240	6 x 5
57241	7 x 4
57242	7 x 5
57243	7 x 6
57244	8 x 4
57245	8 x 6
57246	9 x 5
57247	9 x 7



Boat & Engines Covers

Engine Cover

SEA COVER Engine Covers are ideal for the protection against water, sun and dust. They are made of extra strong polyester 420D, 0,15mm thick for maximum water resistance and UV protection. They are suitable for most types of outboard engines, from 2 to 300hp and are available in two different types. There are the covers suitable only for the top part of the engine (not the shaft) and feature an elastic cord all around for ideal fit to most types of outboard engines. Additionally, there are the full body covers, which feature an elastic cord and a zipper, so as to ensure the best possible engine's protection, including its shaft. You can find 7 different sizes of the covers for the top part of the engine and 3 different sizes for the full body covers. All come in silver colour. The tables below show the different sizes of the covers. The dimensions refer to the length, the width and the height of the cover (Drawing 1). The horsepower given is approximate and it is not the only factor that should be taken into consideration when choosing your cover. The type of the engine (2 stroke, 4 stroke), the length of the throttle grip, the brand of your motor and its production date should also affect your choice, as they differentiate the size of the engine.



Cover for the Top Part of the Engine

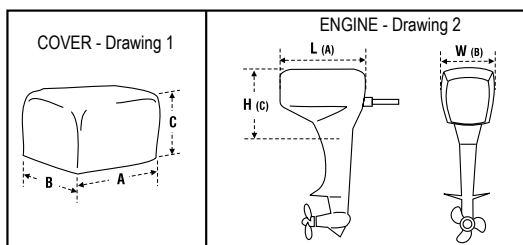
Code	57269	57270	57271	57272	57273	57274	57275
H.P (Approximate)	2-5	2-15	10-45	30-90	70-150	115-225	150-300
A (cm)	40	46	55	63	73	75	90
B (cm)	25	27	33	35	40	45	60
C (cm)	32	35	45	50	65	75	80

Full Body Engine Cover

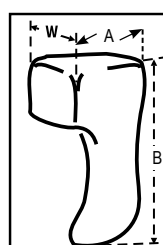
Code	57329	57330	57331
H.P (Approximate)	2,5-10	8-70	70-150
A (cm)	75	87	125
B (cm)	125	157	210

To choose the most suitable cover for the top part of your engine, measure it as shown in the Drawing 2 and determine the dimensions that more closely match your model.

To choose the most suitable full-body cover for your engine, you should measure the engine's height (B) as well as its width (W).



*When calculating the height of the engine, you should also include a part of the shaft, as shown in Drawing 2, in order to ensure that the engine will be covered completely underneath (apart from the shaft).



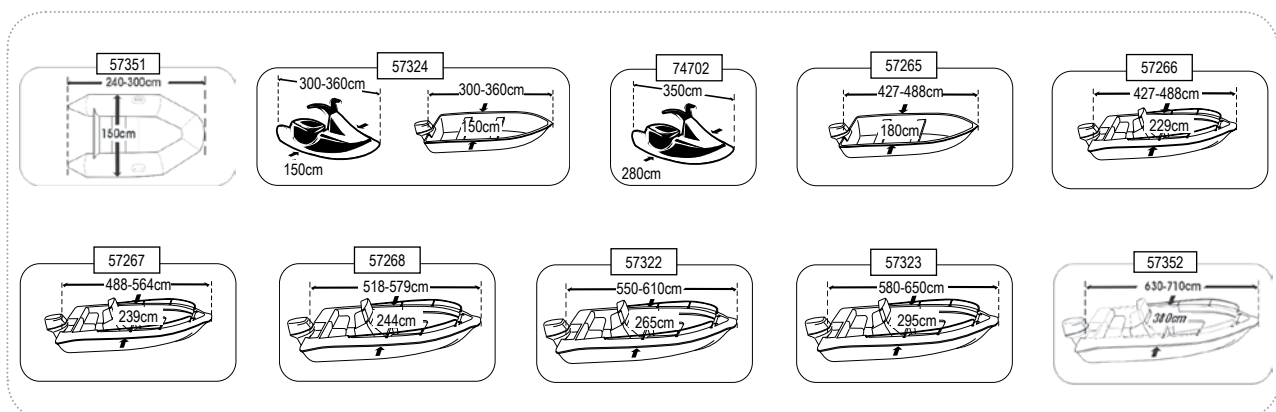
In order to calculate correctly the maximum height that the appropriate cover should have, you should deduct from the engine's height (B) half of its width (W). For instance, if the height (B) of your engine is 210cm and its width (W) is 50cm, then the cover that you need should be 185cm (210cm-25cm) high. Therefore, in this case, the correct cover is cover 57331, which is 210cm high, as indicated in the relevant table.



Boat & Jet Ski Cover

SEA COVER Boat Cover is ideal to protect your boat against rain, dust and sun. Perfect for storing your boat during winter months and also when in the water but needs to be covered. It combines high manufacturing standards with high-quality materials. It is available in several sizes depending on boat's dimensions. Junior, mini and sizes from 1 to 6 are made of extra strong PA coated polyester 420D for maximum water resistance and they are available in silver colour. Size 7 is made of 600D polyester and available in blue colour. All feature an elastic cord at their total circumference for ideal fit and double stitched seams for long-lasting use. Additionally, they have non-scratching plastic D-rings for extra hull protection. They can be used in fishing or recreational boats, inflatable ones or motorboats with or without cockpit and rails.

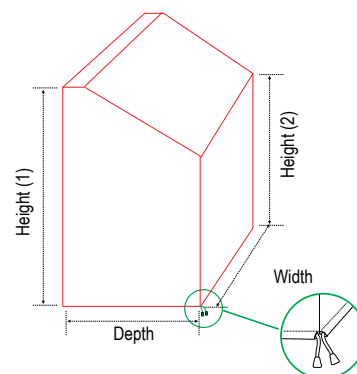
Code		57351	57324	74702	57265	57266	57267	57268	57322	57323	57352
Size		Junior	Jet Ski - Mini	Jet Ski - Large	1	2	3	4	5	6	7
Loops	Each Side	2pcs	3pcs			4pcs					
	Back	2pcs	2pcs			2pcs					
	Total	6pcs	8pcs			10pcs					
Colour		Silver									Blue



Console Cover

This console cover is provided in silver colour and in five different sizes. It is made of extra strong Polyester 420D with double stitched seams for long lasting use and it features a cord all around at the bottom side for ideal fit. It also provides superb UV Protection and reduces the damage possibility of instruments and electronics because of weather conditions.

Code	Size	Dimensions (cm)			
		Height (1)	Height (2)	Depth	Width
57355	1	115	90	45	55
57356	2	90	65	75	85
57357	3	120	105	70	65
57358	4	140	100	90	70
57364	5	140	100	90	90



Boat & Engines Covers



Laser Boat Cover

Code | 71296



Code | 70175

Optimist Hiking Straps, L 1,5m W 5cm

Optimist hiking straps hold sailor's feet when hiking and absorb individuals' shocks from rough sailing. They are made of 600D Polyester with PVC backing. They are filled with NBR foam in the middle for water resistance and pleasant feel. The straps are put together on their one edge, so as to adjust them according to the length of your feet. The straps are loose on their other edge to tie them on your Optimist using a plate or buckle.



SEA COVER

Optimist Boat Cover

It protects your Optimist from heavy wear and prolongs its life. Optimist boat cover drapes the entire dinghy and closes tightly for storage. It is made of heavy duty 600D Polyester with PVC backing and ripstop reinforcement to resist in rough weather conditions.

Code | 70174

Cover Support

Boat Cover Support System

SEA COVER Boat Cover Support System will ideally extend the life of your boat and cover. Easily installed and adjusted, it keeps water and debris from accumulating in the centre of the cover. The kit includes one telescopic aluminium pole (50cm to 116cm) that is positioned in the centre of your boat with a wide support on top and polypropylene webbing straps, which are hooked from bow to stern. The Boat Cover Support System fits all covers for boats up to 7m.

SEA COVER



Code | 57276

Installation Instructions:

1. Position the strap centre point over the bow of the boat. The protective sleeves should be positioned so that the strap does not come in contact with the front edges of the boat
2. Pull the straps evenly over the boat
3. Weave the straps through the triangular support piece in an "under-over-under" pattern, so that the straps lay on top of the support
4. Insert the pole into the triangular support piece and raise the pole to its highest point. Twist the pole sections to loosen and to tighten
5. Hook the ends of the straps on the boat trailer
6. Adjust the straps evenly so that they are tight and the pole stands upright
7. Carefully pull the boat cover over the straps, so as not to push over the pole. The pole may need to be adjusted in height depending on the shape and size of your boat and its cover

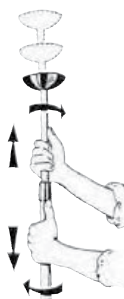


Boat Cover Support, Telescopic, Aluminium

Ideal for wintering to prevent the accumulation of water on the cover in case of rain.



Code	Height (mm)
43213	From 665 to 1020
27497	From 865 to 1510
43214	From 1255 to 2020



Hook for Inflatable Boat Cover

Rope or shock cord Ø 8 mm max.
Length 40 mm x Height 40 mm

Nuova Rade



Code	Colour
28112	Black
44015	White
44016	Grey

These mats and carpets are designed to provide you with the maximum comfort and safety when walking on your boat's deck by creating a comfortable, elastic and anti-slip walking surface. Manufactured according to the international standards, they are non-toxic and environment friendly products, especially designed for use in boats. However, they can be adequately used in office buildings, commercial buildings, restaurants and in other areas with heavy traffic. Marine carpets and mats are made of soft and durable PVC material for extra resistance to seawater, fuel and oil spillage. Thanks to their UV-stabilisers, they are suitable for areas exposed to the sunlight. The loop layer is made in order to trap dirt and filth, protecting at the same time the floor. The Welcome Mats are available with backing, whereas marine carpets are available in two types, one with backing, in roll and separate pieces and a second one without backing, in roll version only. Depending on the model, there are two sizes, while all models are in grey and blue colour.

Welcome Mat, PVC, with Backing



Code	57196	57198
Colour	Blue	Blue
Dimensions (cm)	40x60	60x90

Marine Carpet, PVC, with Backing



Code	57201	57202
Colour	Grey	Blue
Width (cm)	120	

* Sold by linear meter

Marine Carpet, PVC, without Backing



Code	57203	57204
Colour	Grey	Blue
Width (cm)	120	

* Sold by linear meter

Flags & Accessories



Greek Flag

Code	10951	10952	10954	10957
Dimensions(cm)	20x30	30x45	50x75	100x150



Croatian Flag

Code	10909	10910	10912	10915
Dimensions(cm)	20x30	30x45	50x75	100x150



Italian Flag

Code	10958	10959	10961	10964
Dimensions(cm)	20x30	30x45	50x75	100x150



French Flag

Code	10937	10938	10940	10943
Dimensions(cm)	20x30	30x45	50x75	100x150



German Flag

Code	10944	10945	10947	10950
Dimensions(cm)	20x30	30x45	50x75	100x150



Spanish Flag

Code	10993	10994	10996	10999
Dimensions(cm)	20x30	30x45	50x75	100x150



European Flag

Code	10923	10924
Dimensions(cm)	20x30	30x45



Cyprian Flag

Code	11015
Dimensions(cm)	30x45



Dutch Flag

Code	10965	10966
Dimensions(cm)	20x30	30x45



Swiss Flag

Code	11066	11067
Dimensions(cm)	20x30	30x45



Austrian Flag

Code	11054	11055
Dimensions(cm)	20x30	30x45



Polish Flag

Code	11056	11057
Dimensions(cm)	20x30	30x45



Slovenian Flag

Code	10986	10987
Dimensions(cm)	20x30	30x45



Pirate's Flag

Code	11520
Dimensions(cm)	30x45



Obligatory Flags for Cat. 3, 4, 5 (France)

Code	11517
Dimensions(cm)	30x40



Diver Down Flag

Code	67169
Dimensions(cm)	35x50

International Marine Code (40 pcs)

Includes:

- 26 Letters (20 x 30cm)
- 11 Pennants (43 x 15cm)
- 3 Substitutes (30 x 15cm)

Code | 11086



International Code of Signals, Chart

Adhesive Dimensions:
16 x 12 cm

Code | 45256

Deck Equipment



International Signaling Flags

Adhesive
Dimensions: 32 x 47 cm

Code | 831621



43226 43230 43232 43225 43237

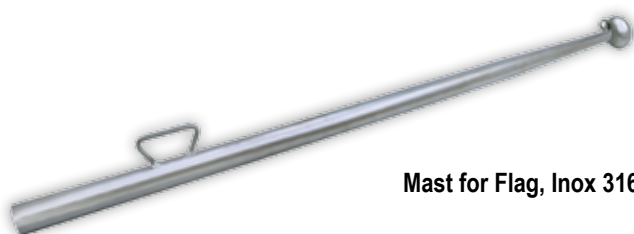
Flagstaff

Code	Description	Length (cm)	Colour
43226	With 2 bases : 1 vertical, 1 horizontal	29	Black
43230	With 2 bases : 1 vertical, 1 horizontal	39	Black
43232	With rubber base	39.5	Black
43225	Screw-type, tilted	30	Black
43224			Grey
43237	Ø 92 mm rubber base. Compatible with models 43224, 43225, 43226, 43230. Suction cup fastening device	-	Black



Mast Support to be Mounted on Stanchion, Inox 304

Code	95692
Base Diam.(mm)	22
Support Diam. (mm)	22 - 32
Weight (gr)	200



Mast for Flag, Inox 316

Code	Diameter (mm)	Length (mm)
70637	25	750
70638	25	900
70639	25	1250

Combine with

Bases
page 212



Plug in Pole for Flag

Using the same proven symmetrical locking tube design as our pole lights, the flag base is made of ABS with a 50-100cm long pole Inox 316. It withstands strong winds for a long period of time. Easily removed to ease rapid storage.

Code	30360	30370	30700	30710
Length (cm)	50	100	50	100
Base colour	Black		White	



Sailing Hardware



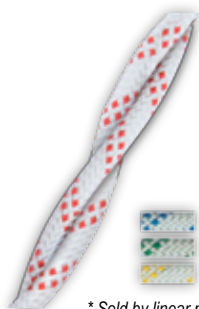
The sailing hardware incurs a lot of deterioration due to bad weather conditions and most of its equipment erodes. In order to avoid such occasions, you must always look for the best sailing hardware.

MARINA Stores can provide you with the best marine hardware equipment, with a product range that includes: shock cords, wire accessories, rigging accessories, blocks, winch handles, cam cleats & accessories, sail accessories, steering equipment, bosun's chairs, rigging & sail repair tapes, webbing & webbing adjusters.

Sailing Ropes / Scotta	242-243	Stay Adjusters	252
Ropes For General Use	243	Clam Cleats & Fairlead	252-253
Winch Handles & Accessories	243-244	Sails Accessories	253
Wire Ropes & Accessories	244	Wind Indicators & Clinometers	253-254
Rigging Accessories	244	Steering Equipment	254
Pins	245	Bosun's Chairs	254
Turnbuckles	245	Rigging & Sail Repair Tapes	255
Snap Hooks & Carabiners	245-247	Webbing & Buckles	255
Blocks & Spare Parts	248-252		

Halyard Cruising Rope

This rope is ideal for use as a halyard, having high performance. It features a pre-stretched, three-strand braid that offers an exceptional result to the high resistance and the low stretching.



* Sold by linear meter

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
92005	3mm / white with blue braid	200	230
92006	3mm / white with red braid		
72229	3mm / white with green braid		
72230	3mm / white with yellow braid		360
92009	4mm / white with blue braid		
72231	4mm / white with red braid		
72232	4mm / white with green braid	200	840
72233	4mm / white with yellow braid		
92017	6mm / white with blue braid		
92018	6mm / white with red braid		1.460
72234	6mm / white with green braid		
72235	6mm / white with yellow braid		
92021	8mm / white with blue braid	200	1.460
92022	8mm / white with red braid		

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
72236	8mm / white with green braid	200	1.460
72237	8mm / white with yellow braid		
92025	10mm / white with blue braid		2.360
92026	10mm / white with red braid		
72238	10mm / white with green braid		
72239	10mm / white with yellow braid		3.170
92029	12mm / white with blue braid		
92030	12mm / white with red braid		
72240	12mm / white with green braid		4.600
72241	12mm / white with yellow braid		
72242	14mm / white with blue braid		
72243	14mm / white with red braid		
72244	14mm / white with green braid		
72245	14mm / white with yellow braid		

Scotta Cruising Rope

This polyester rope with its double braid is extremely flexible and its special construction makes it particularly easy to tie, but also suitable for any boat. During its construction a special process removes any residual elongation, adding stability. Its easy and high-quality handling, a result of its special machining, is maintained for life.



Sailing Hardware



* Sold by linear meter

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
94789	6mm / blue	200	770
94790	6mm / red		
72217	6mm / green		
72218	6mm / yellow		
94791	8mm / blue		1.330
94792	8mm / red		
72219	8mm / green		
72220	8mm / yellow		
94793	10mm / blue		2.150
94794	10mm / red		
72221	10mm / green		
72222	10mm / yellow		

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
98994	12mm / blue	200	2.860
71747	12mm / red		
72223	12mm / green		
72224	12mm / yellow		
94797	14mm / blue		4.190
94798	14mm / red		
72225	14mm / green		
72226	14mm / yellow		
94799	16mm / blue	100	5.100
94800	16mm / red		
72227	16mm / green		
72228	16mm / yellow		

Superline Braided, Dyneema 100%

Ideal rope for small sailing boats like Optimist, Laser and other dinghies. Can be used as rope for spearguns, too.



* Sold by linear meter

Code	63452	63156	63453
Diameter (mm)	1	2	3
Colour	red/ black-white	yellow/ black-white	blue/ black-white
Width (m)	200		
Breaking Load (kg)	100	130	360

Windsurf Rope

Made of Polypropylene for high durability and high UV resistance. Can be used for all purposes. Available in three colours, blue, red and yellow. Excellent rope to be used as a flag rope.



* Sold by linear meter

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
92125	2mm / blue	200	40
92128	3mm / blue		90
98995	4mm / blue		110
98998	5mm / blue		130
99000	5mm / yellow		130
99001	6mm / blue		150
99002	6mm / red		150
99003	6mm / yellow		150

Olive for Shock Cord



Code	Diameter (mm)	Weight (gr)
90587	5	15
90588	6	15
90589	8	20



* Sold by linear meter

Marine Shock Cord, with Polyester Cover

Code	Diameter / Colour	Length (m)	Breaking Load (Kg)
74854	4mm / Black	200	90
90549	4mm / White with Black Braid		
74855	5mm / Black		
90550	5mm / White with Black Braid		130
74856	6mm / Black		
90551	6mm / White with Black Braid		
74857	8mm / Black		
90552	8mm / White with Black Braid		220
74858	10mm / Black		
90553	10mm / White with Black Braid		



Sail Furling Ties (4 pcs/set)

Code	Dimensions (mm)	
	Diam.	Length
98959	5	400
98960		500



Luggage Stretchcords

Code	Dimensions (mm)	
	Diam.	Length
98896	9.5	510 - 1,020

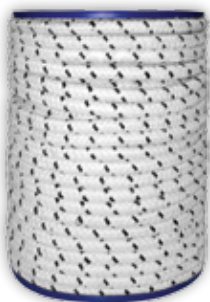
Ropes For General Use



Multi-Purpose Rope, Double Braid

Made of polyester, very soft and ideal for multiple uses on the boat. It can be used on fenders and sea anchors.

* Sold by linear meter



Code	Ø (mm)	Plaits	Length (m)	Breaking Load (kg)
92036	4	16	200	370
92037	5			460
92038	6			660
92039	8	24		1.050
92040	10			1.416
92041	12			2.090
92042	14			2.613
92043	16		100	2.755

Code	Ø (mm)	Length (m)	Plaits	Breaking Load (kg)
72420	6	20	16	660
72421		30		
72422		40		
72423		50		
72424	8	20	24	1.050
72425		30		
72426		40		
72427		50		
72428	10	20	24	1.416
72429		30		
72430		40		
72431		50		
72432	12	20	24	2.090
72433		30		
72434		40		
72435		50		

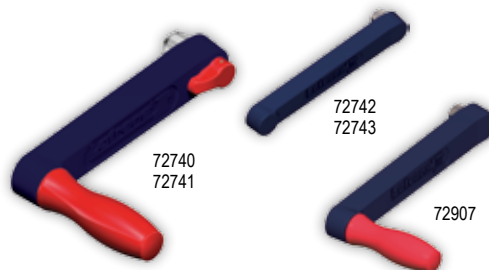
Winch Handles & Accessories



Winch Handles, Floating

- Floating if dropped overboard
- Designed to operate efficiently with the minimum effort required
- Durable, lightweight & easy to handle
- With locking mechanism
- Glass reinforced PA

Code	Description	Length (cm)
72740	with lock	20
72741		25
72742	without lock & without handle	20
72743		25
72907	without lock	25



Winch Handles, Anodised Aluminium

- Designed to operate efficiently with the minimum effort required
- Durable, lightweight & easy to handle
- Available options with speed handle
- With upgraded locking feature to ensure lock & unlock position. This increases the mechanism's lifetime, by protecting it from unintentional damage during use.
- Black anodised aluminium

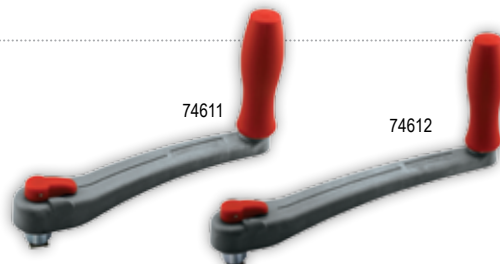
Code	Description	Length (cm)
11856	with lock	20
11857	with lock & speed handle	
11860	with lock	25
11861	with lock & speed handle	



Winch Handles, Glass Reinforced PA

- Designed to operate efficiently with the minimum effort required
- Durable, lightweight & easy to handle
- With upgraded locking feature to ensure lock & unlock position. This increases the mechanism's lifetime, by protecting it from unintentional damage during use.
- Glass reinforced PA

Code	Description	Length (cm)
74611	with lock	20
74612		25



Winch Handles & Accessories



Winch Handle Pocket, PVC

Code	Dimensions (mm)	Colour
198208	L.240, W.92, H.55	Grey
198209		White



Winch Handle Holder, Side Mounted, Glass Reinforced Nylon, Grey

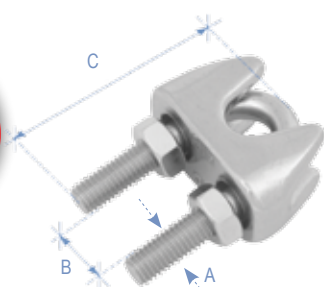
L.60mm, W.19mm, H.45mm

Code | 198210

Wire Ropes & Accessories



Sailing Hardware



Wire Rope Clip

Galvanized

Code	99401	99403	99405
Size (mm)	3	5	8
A (mm)	3	5	6
B (mm)	5	7	10
C (mm)	21	25	35

Inox 316

Code	91845	91847	91935
Size (mm)	3	5	8
A (mm)	3	5	6
B (mm)	5	7	10
C (mm)	21	25	35

*Surface E.P.
Body: Casting
U – bolt: Forging



Copper Sleeves

Code	92660	92661	92662	92663	92664	92665
Diam. (mm)	2	2,5	3	4	5	6

Wire Rope, 7x19, Inox 316

Code	98095	98071	98073
Diam. (mm)	3	5	8
Breaking load (kg)	522	1422	3711

* Sold by linear meter

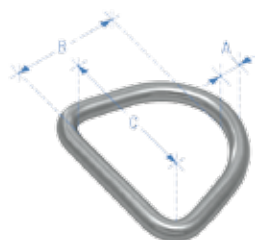


Wire Rope, 7x19, Inox 316, with PVC Coating

Code	98074	98075
Diam. (mm)	3-6	4-8
Breaking load (kg)	522	928

* Sold by linear meter

Rigging Accessories



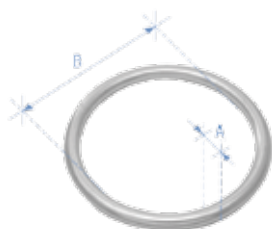
D - Ring, Inox 304

Code	97034	91931	91932	96977	91933	96978	91934	96979
Size (mm)	3x25	4x25	4x30	4x50	5x40	6x30	6x50	6x70
A (mm)	3		4		5		6	
B (mm)	20	25	30	30	40	30	50	50
C (mm)	17	22	27	27	37	27	47	47



Delta Ring, No 80, Inox 304

Code | 00003



Round Ring, Inox 316

Code	96934	96936	91840	96961	96962	91841	91968	96990	96992
Size (mm)	3x25	4x25	5x30	6x40	7x45	8x40	8x50	8x80	9x90
A (mm)	3	4	5	6	7		8		9
B (mm)	25	25	30	40	45	40	50	80	90

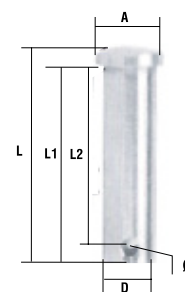


D-Ring, 50mm, Inox 304

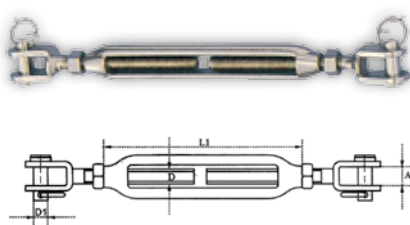
Code | 00153

Pin, Inox 304

Code	91978	91979	91980	91981	91982	91983	91984	91985	91986	91987	91988	91989	91990	91991
Size (mm)	5x18	5x21	6x20	6x25	6x29	6x36	6x45	8x20	8x25	8x27	8x32	10x30	12x30	12x45
L (mm)	20,5	24	23	28	32	39	48	24	29	31	36	34,5	35,5	50,5
L1 (mm)	18	21	20	25	29	36	45	20	25	27	32	30	30	45
L2 (mm)	14	17	16	21	25	32	41	16	21	23	28	26	26	40
D (mm)	5	5	6	6	6	6	6	6	8	8	8	10	12	12
Ø (mm)	2	2	2,5	2,5	2,5	2,5	2,5	3	3	3	3	3,5	3,5	3,5
A (mm)	8	8	9	9	9	9	9	11	11	11	11	14	16	16

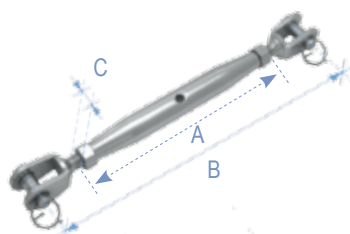


Turnbuckles



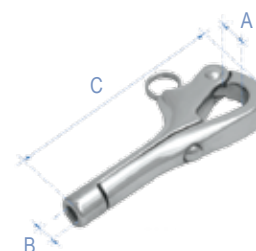
Frame Turnbuckle with Nut,
Jaw & Jaw, Inox 316

Code	91951	91952	91953	91954
Size (mm)	5	6	8	10
A (mm)	6,5	7,5	11	12
D1 (mm)	5	6	8	9
L1 (mm)	120	140	180	220



Pipe Turnbuckle with Nut,
Jaw & Jaw, Inox 316

Code	91259	91260	91261	91262
Size (mm)	5	6	8	10
A (mm)	80	95	105	125
B (mm)	130	150	165	190
C (thread)	M5	M6	M8	M10



Pelican Hook, Inox 316

Code	90441	91181
Size (mm)	6	8
A (mm)	13	16
B (mm)	M6	M8
C (mm)	76	100

Snap Hooks & Carabiners



44028 - 44029

44034 - 44035

44040 - 44041

44046 - 44047

Snap Hook, Polyamide

Suitable for lightweight use only

Code	Model	Colour	For Shock Cord Ø (mm)	Length (mm)	Ø Eye (mm)
44028	With eye	White	4	42	10
44029	With eye	Black		42	10
44034	With eye	White	6	49	10
44035	With eye	Black		49	10
44040	With eye	White	8	58	12
44041	With eye	Black		58	12
44046	With eye	White	10	68	14
44047	With eye	Black		68	14



16795

43977

44023

43994-5

Snap Hook, Polyamide

Suitable for lightweight use only

Code	Model	Colour	For Shock Cord Ø (mm)	Length (mm)	Ø Eye (mm)
16795	With eye	Black	8	55	15
44022	With eye	White	6	40	9
44023	With eye	Black		40	9
43994	With eye	White		38	9
43995	With eye	Black		38	9
43977	Standard	Black	5	48	-



Hook, Multi-Purpose, Small

Code	Colour	For Rope Ø	Length (mm)	Width Between Holes (mm)
43988	White	Rope 4 mm max.	40	30
43989	Black	Shock cord 6/8 mm max.		



Hook, Multi-Purpose, Small

Code	Colour	For Rope Ø	Length (mm)	Width Between Holes (mm)
43982	White	Rope 6 mm max. Shock cord 8/10 mm max.	30	20
43983	Black			



Hook, Spinnaker, Small

Code	Colour	For Rope Ø	Length (mm)	Width Between Holes (mm)
16679	Black	Sheet 6 mm max	55	42



Shackle, Plastic

Sail slide hank, suitable to attach to sail sliders

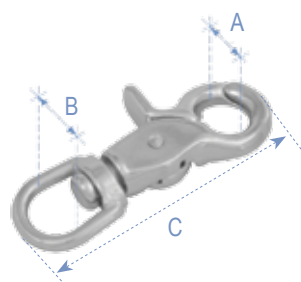
Code	Colour	Diameter Ø (mm)	Safe Working Load (kg)
16764	White	6	80



Hook, Multi-Purpose, Small

Code	Colour	For Rope Ø	Length (mm)	Width Between Holes (mm)
16680	Black	Rope or shock cord 4 mm max.	30	20

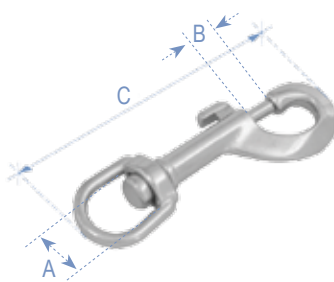
Sailing Hardware



Trigger Snap with Swivel End, Inox 316

Code	91885	96969
Size (mm)	13	16
A (mm)	12	12
B (mm)	13	16,8
C (mm)	66,5	69,5
T.D.L.*	200	200
R.W.L.*	50	50

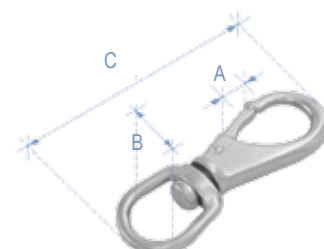
Surface*: E.P., Body: Casting



Bolt Snap with Swivel End, Inox 316

Code	91891	91892	96972	96973
Size (mm)	13	16	19	32
A (mm)	13,5	17	20,5	33
B (mm)	7	8	8	13,7
C (mm)	75	85	91	120
T.D.L.*	250	650	650	550
R.W.L.*	63	163	163	138

Surface*: E.P., Body: Casting



Swivel Eye Snap, Inox 316

Code	91896	91897	91898	91899
Type	No.0	No. 1	No. 2	No. 3
A (mm)	10	13	15,5	20,5
B (mm)	16,5	19,5	20,5	19,5
C (mm)	69	85	99	117,5

Pelikan Hook with Link, Inox 316

Surface*: M.F. Body: Casting

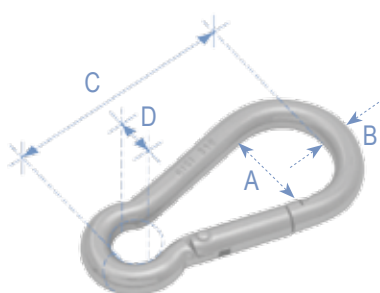
Code	97004	97005
Size (mm)	100	150
A (mm)	10	13
B (mm)	18	22
C (mm)	100	150
T.D.L.*	760	1,200
R.W.L.*	190	300

Spring Snap Casting, Inox 316

Surface *: E.P., Body: Casting

Code	91906	91907	91908
Size (mm)	50	70	100
A (mm)	24	30	46
B (mm)	7	10	14,5
C (mm)	48	68,5	94
Working Load	63,5	181,43	362,87

*Recommended working load "R.W.L." is ¼ of "T.D.L." tested deformation load - Surface E.P.= Electro polished



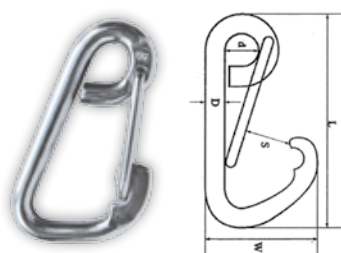
Snap Hook, Inox 304

Code	91374	91375	91376	91377	91378
Size (mm)	5	6	7	8	10
A (mm)	16	18	20	24	31
D (mm)	8	9	11	12	15
B (mm)	5	6	7	8	10
C (mm)	40	48	56	64	80

Snap Hook, Inox 316

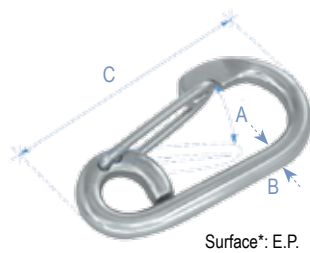
Surface*: E.P.

Code	91757	91758	91759	91760	91761	91762	91763	91764	91765
Size (mm)	5	6	7	8	9	10	11	12	13
A (mm)	16	18	20	24	27	31	37	40	46
D (mm)	8	9	11	12	13	15	18	22	22
B (mm)	5	6	7	8	9	10	11	12	13
C (mm)	40	48	56	64	72	80	98	116	134
Working load (kg)*	36,288	63,288	90,72	113,4	127,008	181,44	226,8	272,16	317,52



Spring Snap with Angled Latch, Inox 316

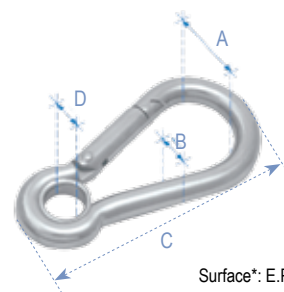
Code	91385	91386	91387	96944
Size (mm)	6	8	10	12
D (mm)	6	8	10	12
L (mm)	60	80	100	120
W (mm)	35	46	58	70
S (mm)	11	18	22	26
d (mm)	9	11	15	18



Surface*: E.P.
Body: Forging

Spring Snap with Eye End, Inox 316

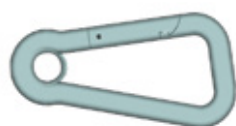
Code	90451	91766	91767	91768
Size (mm)	6	8	10	12
A (mm)	13	18	21	27
B (mm)	5,7	7,7	9,7	11,7
C (mm)	60	80	100	120
Working load (kg)*	45,36	181,44	272,16	453,6



Surface*: E.P.

Snap Hook with Eye End, Inox 316

Code	91915	91916	91917	91918	91919
Size (mm)	5	6	8	10	12
A (mm)	15	18	24	30	43
D (mm)	5	5	10	13	15
B (mm)	4,7	5,7	7,7	9,7	11,7
C (mm)	50	60	80	100	140
Working load (kg)*	99,79	117,94	227	349,27	544,32



Asymetric Cabine Hook, Inox 316

Code	98524
Diameter (mm)	8



Aluminium Carabiner

Code	98987
Dimensions (mm)	4x40



Aluminium Carabiner

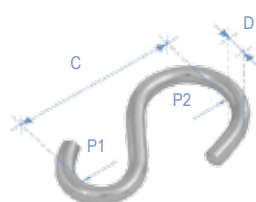
Code	98988
Dimensions (mm)	6x60



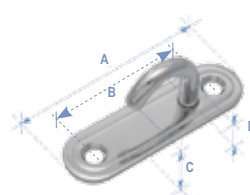
Aluminium Carabiner

Code	98989	98990
Dimensions (mm)	8x80	10x100

S-Hook, Inox 316



Code	95686	95687	95688	95689	97039	97040
Size (mm)	30	36	43	50	67	85
P1 (mm)	4,5	6	7	7,5	10	12,5
P2 (mm)	8	9,5	10,5	12,5	16,5	20,5
D (mm)	3	4	5	6	8	10
C (mm)	30	36	43	50	67	85
T.D.L.*	25	50	120	140	250	435
R.W.L.*	6,25	12,5	30	35	62,5	108,75



Oblong Pad, Hook Type, Inox 304

Code	95678	95679
Size (mm)	5	6
A (mm)	54	65
B (mm)	38	46
C (mm)	8	12
D (mm)	5	6
T.D.L.*	200	220
R.W.L.*	50	55

*Recommended working load "R.W.L." is 1/4 of "T.D.L." tested deformation load - Surface E.P.= Electro polished

Rope Diam.: 5 mm - Ball Bearing Diam.: 17mm - Breaking Load: 300kg

Blocks for Optimist 4 & Small Dinghy


**Single
Micro Block**

Code | 92462


**Swivel Ball
Bearing Block
with Shackle**

Code | 92464


**Double Micro
Block**

Code | 92465


**Double Micro
Block with Becket**

Code | 92466


**Single Micro
Block with Ferrule**

Code | 92470

Rope Diam.: 6mm - Ball Bearing Diam.: 22mm - Breaking Load: 700kg -
Working Load: 100kg


Racing: Blocks for Lightning & Laser


**Single Ball
Bearing Block
without Balls**

Code | 92481


**Single Ball
Bearing Block**

Code | 95822


**Single Swivel Ball
Bearing Block
without Balls, with
Shackle**

Code | 92484


**Single Swivel Ball
Bearing Block
with Shackle**

Code | 95824



**Single Swivel Ball
Bearing Block
without Balls**

Code | 92483



**Double Ball
Bearing Block**

Code | 92486



**Double Ball Bearing
Block with Becket**

Code | 92487



**Triple Ball
Bearing Block**

Code | 92489



**Swivel Ball Bearing
Block on Curved
Base**

Code | 92488

Rope Diam.: 6mm - Ball Bearing Diam.: 25mm - Breaking Load: 650kg

Blocks for Dinghy up to 6m



Single Block

Code | 95811



**Swivel Block
with Shackle**

Code | 95813



Double Block

Code | 95814



Triple Block

Code | 95815

Rope Diam.: 8mm - Ball Bearing Diam.: 25mm
Breaking Load: 650kg

Blocks for Dinghy up to 6m


**Single Block
with Balls**

Code | 92473


**Single Ball
Bearing Block**

Code | 95820


**Single Swivel Ball Bearing Block
with Balls and Shackle**

Code | 92475



**Single Block on Base
(1"X2 1/2")**

Code | 92476



**Single Block on
Curved Base (1"X2 1/2")**

Code | 92477



**Fiddle Block
with Vee Jam**

Code | 92479

Rope Diam.: 8mm - Ball Bearing Diam.: 28mm - Breaking Load: 750kg -
Working Load: 150kg

Racing: Blocks for Sailing Yachts up to 32ft



Single Ball Bearing Block Thru Beck

Code | 95834

Control Lines

Rope Diam.: 8mm - Ball Bearing Diam.: 28mm - Breaking Load: 750kg -
Working Load: 150kg

Racing: Blocks for Control Lines, for Sailing Yachts up to 32ft



Single Ball Bearing Block

Code | 92496



Single Ball Bearing Block with Becket

Code | 92497



Single Swivel Ball Bearing Block

Code | 92498



Single, Swivel Ball Bearing Block with Shackle

Code | 92499



Single Swivel Ball Bearing Block with Shackle and Becket

Code | 92500



Double Ball Bearing Block

Code | 92501



Single Swivel Ball Bearing Block on Curved Base

Code | 92504



Triple Ball Bearing Block

Code | 96106

Rope Diam.: 8mm - Ball Bearing Diam.: 34mm - Breaking Load: 800kg -
Working Load: 300kg

Cruising: Blocks for Main Sheet & Halyard, for Sailing Yachts from 26 to 32ft



Single Ball Bearing Block

Code | 92512



Single Ball Bearing Block with Becket

Code | 92513



Double Ball Bearing Block

Code | 92514



Fiddle Ball Bearing Block

Code | 92516



Fiddle Ball Bearing Block with Becket

Code | 92517



Fiddle Ball Bearing Block with Becket and Vee Jam

Code | 92519



Single Cheek Bearing Block

Code | 92520



Single Ball Bearing Block

Code | 96112



Sailing Hardware

Rope Diam.: 10mm



**Block, Inox,
10mm**

Code | 10134



**Single Swivel
Head, 10mm**

Code | 10131



**Single
Swivel Head &
Becket, 10mm**

Code | 10132



**Fiddle Swivel
Head, 10mm**

Code | 10133

Rope Diam.: 10mm - Ball Bearing Diam.: 38mm - Breaking Load: 950kg
- Working Load: 230kg

Racing: Blocks for Main Sheet & Halyard, for Sailing Yachts up to 30ft



**Single Ball
Bearing
Block**

Code | 92455



**Swivel Ball
Bearing
Block with
Shackle**

Code | 92457



**Single Ball
Bearing
Cheek Block**

Code | 92461



**Double Ball
Bearing Block**

Code | 92459



**Double Ball
Bearing Block
with Becket**

Code | 92460



**Triple Ball
Bearing Block
with Becket**

Code | 96108



**Triple Ball
Bearing
Block**

Code | 95831



**Triple Ball Bearing Block with
Carbon Fibre Ball**

Code | 95830



**Triple Ball Bearing Block with
Becket-Carbon Fibre Ball**

Code | 95832

Rope Diam.: 10mm - Ball Bearing Diam.: 45mm - Breaking Load: 950kg
- Working Load: 370kg

Racing: Blocks for Main Sheet & Halyard, for Sailing Yachts up to 36ft



**Single Ball
Bearing Block,
Universal
3-Way Head**

Code | 92537



**Single Ball
Bearing Block
With Becket,
Universal 3-Way
Head**

Code | 92538



**Double Ball
Bearing Block**

Code | 92539



**Single Ball
Bearing Block**

Code | 96118



**Single Ball Bearing Block
with Swivel**

Code | 96120



**Fiddle Ball Bearing Block with Ball Bearing
Cam Cleat, Universal 3-Way Head**

Code | 92543



**Fiddle Ball Bearing Block, Becket
with Ball Bearing Cam Cleat,
Universal 3-Way Head**

Code | 92544



**Single Ball Bearing Block and
Becket with Ball Bearing Cam Cleat
& Universal 3-Way Head**

Code | 92545

Rope Diam.: 10mm - Ball Bearing Diam.: 45mm
Breaking Load: 950kg - Working Load: 370kg

Racing: Blocks for Main Sheet & Halyard, for Sailing Yachts up to 36ft



Double Ball Bearing Block with Becket

Code | 96123



Fiddle Ball Bearing Block & Universal 3-Way Head

Code | 96121



Fiddle Ball Bearing Block with Becket Universal 3-Way Head

Code | 96122

Rope Diam.: 10mm - Ball Bearing Diam.: 57mm - Breaking Load: 900kg - Working Load: 220kg

Racing: Blocks for Racer Sailing Yachts Main Sheet 26 to 36ft



Single Ball Bearing Ratchet Block

Code | 92510



Single Bearing Ratchet Block-Becket with Ball Bearing Cam Cleat

Code | 92511

Rope Diam.: 12mm - Ball Bearing Diam.: 57mm - Breaking Load: 1000kg - Working Load: 280kg

Racing: Blocks for Main Sheet & Halyard, for Sailing Yachts up to 36ft



Single Ball Bearing Block

Code | 92491



Double Ball Bearing Block

Code | 92493



Double Ball Bearing Block with Becket

Code | 92494

Rope Diam.: 12mm - Ball Bearing Diam.: 57mm - Breaking Load: 1450kg - Working Load: 580kg

Cruising: Blocks for Main Sheet & Halyard, for Sailing Yachts up to 36ft



Single Ball Bearing Block

Code | 92547



Single Ball Bearing Block with Becket

Code | 92548



Fiddle Ball Bearing Block

Code | 92549



Fiddle Ball Bearing Block with Ball Bearing Cam Cleat

Code | 92551

Rope Diam.: 12mm - Ball Bearing Diam.: 57mm - Breaking Load: 1450kg - Working Load: 580kg

Cruising: Blocks for Main Sheet & Halyard, for Sailing Yachts up to 36ft



Fiddle Ball Bearing Block with Becket and Ball Bearing Cam Cleat

Code | 92552



Double Ball Bearing Block

Code | 92554



Single Ball Bearing Block with Becket and Ball Bearing Cam Cleat

Code | 92553



Double Ball Bearing Block with Becket

Code | 92555



Sailing Hardware

Blocks & Spare Parts

Rope Diam.: 14mm - Ball Bearing Diam.: 76mm - Breaking Load: 2300kg -
Working Load: 800kg

Racing: Blocks for Main Sheet, Spinnaker & Halyard, for Sailing Yachts up to 40ft



Single Ball Bearing Block

Code | 92505



Single Swivel Ball Bearing Block with Becket

Code | 92506



Double Ball Bearing Block

Code | 92507



Double Ball Bearing Block with Becket

Code | 96109

Halyard Blocks for Albury Exit & Outhaul Blocks for boom Sail Exit, for Sailing Yachts up to 38ft



Single Sheave Box

Washer Diam.: 34mm
Wire Diam.: 5mm
Breaking Load: 700kg

Code | 92529



Sheaves, Nylon

Code	D1 (mm)	D2 (mm)	D3 (mm)	S (mm)
92611	22	8,2	8	13,2
92613	25		8	10
92614	27		10	15
92615	33,5		10	13
92617	45		10	13,4
92619	54		12	17,5



Sheaves with S/S Balls & Covers, Nylon

Code	D1 (mm)	D2 (mm)	D3 (mm)	S (mm)
92620	28	5,3	10	14,6
92622	34	5,3	8	10,9
92621	34	5,3	12	18,3
92623	45	8,8	10	14,6
92624	57	8,8	12	18,3



Stay Adjusters



Stay Adjuster

Code	92671	92676	92677	92672
Length (cm)	12	14,5	20,5	100



Stay Adjuster

Code	92673
Length (cm)	12

Clam Cleats & Fairlead



16684



16681



16685 - 16686



44427

Fairleads

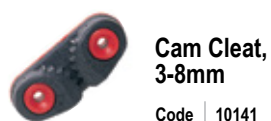
Code	16684	16685	16686	16681	44427	44426
Colour	Black	Black	Black	Black	Black	White
Ø Max. rope (mm)	18	13	17	7	10	10
Overall dimensions Width x Height (mm)	65x28	41x26	55x30	35x15	40x17	40x17
Hole spacing (mm)	45	30	40	19	28	28



Clam Cleats & Fairlead



Code	Description
92580	Clamcleat (nylon), Diam. 6-12mm, Diam. hole 6 mm
92581	Clamcleat (aluminium), Diam. 3-6mm, Diam. hole 4 mm
92582	Clamcleat (aluminium), Diam. 6-12mm, Diam. hole 6 mm
92583	Clamcleat (aluminium), Diam. 3-6mm, Diam. hole 5 mm
92584	Clamcleat (aluminium), Diam. 3-6mm, Diam. hole 5 mm
92585	Clamcleat (aluminium), Diam. 3-6mm, Diam. hole 4 mm
92586	Clamcleat (aluminium), Diam. 4-8mm



Top Fairlead for Cam Cleat



Code	92564	92565	92566	92567	92573	92574
For Cam Cleat	10141			10142		
Colour	Black	Red	Yellow	Blue	Black	Red



Fairlead and Bullseye

Code	92604	92610	92609
Diameter (mm)	12	6	10
Hole Diameter (mm)	5	4	5



Rope Stopper

Code	92724	92726	92728	92730	92732	92734
Diameter (mm)	5		6		8	
Colour	Black	Yellow	Black	Yellow	Black	Yellow

Sails Accessories



Universal Cross-Tree Cover

Code	Colour	Length (mm)	Width (mm)	Height (mm)
197755	White	200	110	100



Hook, Inox 304

Code	Dimensions (mm)
70623	6x50
70624	8x50
70625	10x65

Wind Indicators & Clinometers



WINDEX Wind Indicator

Code	99234	99235	99236
Description	WINDEX 10	WINDEX 15	WINDEXL
For Boats	up to 9 meters	9-14 meters	over 14 meters
Length Indicator (cm)	25	38	57
Weight (gr)	40	95	270
Height (cm)	24	34,5	49

Wind Indicators & Clinometers



**Clinometer,
10 degrees,
8,9 x 3,9 cm,
Plastic**

Code | 99981



**Clinometer,
45 degrees,
8,9 x 3,9 cm,
Plastic**

Code | 99982



**Clinometer,
2 scales,
10 x 8,3cm,
Plastic**

Code | 99983

Steering Equipment



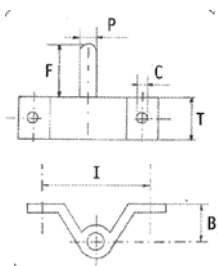
Urethane UNIVERSAL Joint Suits

Code | 95854



**Round Tiller Adaptor,
Diam. 25-32 mm**

Code | 95855



Rudder Head

Code	Dimensions (mm)					
	I	P	C	T	B	F
92641	50	8	5	20	18	31
92642	50	8	5	20	18	40
92643	60	10	6	25	21	35
92644	60	10	6	25	21	44
92645	50	8	5	30	18	31
92646	50	8	5	30	18	40
92647	60	10	6	40	21	35
92648	60	10	6	40	21	44

*Hardcote & PTFE, Anodised Aluminium

Rudder Retaining Clip



Code	Dimensions (mm)		Code	Dimensions (mm)	
	Length	Ø		Length	Ø
92633	75	8	92635	130	10
92634	103		92636	132	
92637	108		92639	177	
92638	136		92640	179	

Bosun's Chairs



Professional Bosun's Chair

Designed according to the highest quality standards, so that it can be used easily by professionals.

- Reinforced Nylon with PVC backing and PP webbing
- Supreme comfort for extended time aloft
- Comfortable wrap-around back
- Adjustable strap between the legs for extra safety
- Stows in its own bag, which becomes a tool pouch when the chair is in use
- Attached side tool case
- Pocket to fit an optional wooden seat (code: 00169)
- Retroreflective tapes for better visibility
- Floats in the water when it is empty



Code | 10210



Safety Bosun's Chair

Allows you to work comfortably, safely, and in balance. It is made of tough Nylon 210D with PVC backing, thickness 0.35mm and comes complete with safety straps for added security, fitted side pockets for tools and a padded wooden seat.

Code | 10080



**Wooden Seat
for Professional
Bosun's Chair (10210)**

Code | 01169



Vinyl Foam Thermal & Sound Insulating Tape, Black

The thermal & sound insulating tape is suitable for the pipeline freezing resistance, insulation and decoration. Generally, it is used whenever a specific area or place needs to be insulated, in order to be protected by the variations of temperature or even to protect the people onboard by undesirable sounds. It can also be used between the hull and the sole boards, so as to minimize the squeaking noises. It is available in different sizes.



Code	Dimensions
11854	50mm x 5m
11855	25mm x 5m

Masking Tape, White

It is a general-purpose tape and is suitable for holding or sealing, as well as for protecting surfaces. It has been designed for indoor use but also for extended outdoor use, since it can withstand up to 80°C temperature. It is supplied in white colour and different sizes.

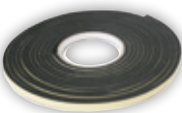


Code	Dimensions
11851	20mm x 50m
11852	25mm x 20m
11853	50mm x 50m



Nonslip Tape, with elasticity

Code	Dimensions	Colour
11848	25mm x 5m	Black
11849		Grey



Marine Neoprene Tape "Hatchseal"

Code	Dimensions
11551	3m x 19mm x 3mm
11552	3m x 19mm x 6mm

Mounting Tape, White

Nailing on the boat is over! With the double-sided adhesive tape. It is suitable for mounting pictures or any other decoration on most types of dry and smooth surfaces, you don't need nails when decorating your boat.



Code	Dimensions
11850	2mm x 18mm x 1.6m

Instructions of Use

Use 10cm (4") of tape for every 227gr of the item to be mounted. The tape is suitable for objects with maximum weight up to 900gr.

1. Cut the tape at the necessary length. Do not remove the protective liner.
2. Press the tape on the back of the object to be mounted. Press firmly on the liner for a better outcome.
3. Remove the liner and press firmly the object on the wall



Note: If you wish to remove the mounted object, insert a knife behind the mounted object and cut the tape between the two surfaces. Don't pull the object, in order to avoid damaging the surface or the object.

Marine Duct Tape

The Duct tape is a waterproof cloth tape, which can be used in numerous indoor or outdoor jobs and repairs. It is supplied in several colours and two different sizes.



Code	Dimensions	Colour
11545	50mm x 5m	Black
11546	50mm x 5m	White
11547	50mm x 5m	Red
11548	50mm x 5m	Blue
11549	50mm x 5m	Silver
11550	50mm x 50m	Black

Webbing & Buckles



Buckle, Female 50mm

Code | 00152



Buckle, Male 50mm

Code | 00151



Strap Regulator

Code | 00071
Colour | Blue

Buckles



Code	Colour	Material	For webbing (mm)	Width (mm)	Length (mm)
43871	White	Plastic	30	55	35
43872	Black	Plastic			
43865	White	Plastic	25	55	35
43866	Black	Plastic			
43858	Black	Plastic	50	62	84
43857	-	INOX	50	54	74



Delta Ring, No 80

Code | 00003



D-Ring, 50mm

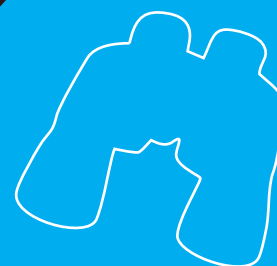
Code | 00153



Webbing

Code	Description
00043	Polyester Webbing 25mm, White, (Roll 50m)
02035	Polyester Webbing 25mm - Yellow - (Roll 50m)
02262	Polyester Webbing 50mm, White, (Roll 50m)

Electronics & Navigation



Chartplotters/Fishfinder/GPS	257-259
VHF	260
Compasses	260-263
Hand Bearing Compasses	263
TV & Radio Antennas	264
VHF & Shortwave Antennas	265
Communications Accessories	265-266
Connectors & Coaxial Cables	266
Antenna Mounts & Accessories	266-267

Radio/MP3/CD & Cases	268-269
Marine Speakers & Megaphone	269-270
Binoculars	270-271
Navigation Instruments	271
Cruising Charts & Pilot Maps	272-275
Publications	275-277
Log Books	277

At MARINA Stores you will find the most efficient and reliable boat electronic equipment in order to have optimum communication and navigation guidance on board. Get the proper marine electronics that fit your needs, such as VHF radios, marine GPS plotters, fish finders, marine VHF antennas and many other useful equipment. We also provide you with navigation equipment of the highest quality, so you can find your destination and orientation with accuracy.

LOWRANCE

Available only in certain countries

ELITE FS**ELITE FS NO XD ROW**

- GPS-Plotter-Fishfinder
- CHIRP technology
- Integrated wireless NMEA 2000® and Ethernet connectivity
- Supports NMEA0183/RS422 @ protocol
- High-resolution multi-touch touchscreen
- Compatible with Radar external unit (Halo20/Halo20+/Halo24)
- Autopilot / Electronic Anchor Connection
- Built-in precision GPS antenna
- Mapping options including C-MAP, Navionics® and more. C-MAP® Easy Routing, Navionics® Autorouting capability
- C-MAP Genesis Live onscreen mapping
- StructureScan HD || DownScan Imaging™ & Side Scan Imaging™
- FishReveal™ Smart Target View
- Photo-realistic sea floor imagery
- Built-in micro SD port
- Wi-Fi / Bluetooth

Code	60001	60002	67173	67174
Touchscreen display (In.)	7"	9"	7"	9"
Active Imaging 3 in 1	-	-	✓	✓



Active Imaging 3 in 1



Electronics & Navigation

new**HDS PRO**

- LED multi-touch, SolarMAX™ IPS HD screen
- Dual-Core | Quad core processors new generation
- Dual-Channel CHIRP Sonar
- LIVE website sounder
- Active Imaging™ 3 σε 1
- StructureScan 3D - StructureScan HD
- High Precision Integrated GPS antenna
- Lowrance - LiveSight™ Sonar
- FishReveal™ Smart Target View
- Auto Routing
- C Map Genesis™ LIVE
- Smartphone Connection
- Structure Map™ HD | TrackBack™
- NMEA 0183 / 2000 / Dual microSD
- WiFi / Bluetooth / USB / HDMI
- Touchscreen display (In.)

Code	60052	60053	60054	60055
Touchscreen display (In.)	9"	10"	12"	16"

Available only in certain countries

LOWRANCE



Hook Reveal

- GPS-Plotter-Fishfinder
- CHIRP technology
- SolarMAX™ LED screen
- Auto mode settings
- TripleShot™ - StructureScan
- FishReveal™ Smart Target View
- C Map Genesis™ Live onscreen mapping
- Built-in high precision GPS antenna
- Built-in micro SD port

Code	67172	74350	74351
Screen display (In.)	9"	5"	7"

new

LOWRANCE Suncover for Hook Reveal

LOWRANCE

Code	60035	60036	60037
For screen display (In.)	5"	7"	9"

Transducer HST-DFSBL

Classic 600W broadband sensor with 50/200 kHz frequencies for all kinds of fishing, up to 450 m depth. It can be mounted externally on the stern of the boat on the mirror. It is an ideal sensor for those fishing in the shallows and in deep waters.

- Coverage angles: 12 ° @ 200 KHz || 36 ° @ 50 KHz
- Contains temperature sensor
- Xducer ID® Technology
- Suitable for any hull
- (1) Internal broadband ceramic
- Includes a 7m Cable

Code | 65789

Active Imaging 3-IN-1 Transducer

Perfect for pinpointing fish-holding areas like rock piles. Delivers superior clarity and the highest resolution images of fish and structure at a longer range than any other structure imaging technology.

- High detail and long imaging range
- CHIRP, SideScan and DownScan technology
- Easier target identification with FishReveal™ Smart Target View
- Supports Medium and High CHIRP (83/200kHz) + 455/800kHz frequencies
- Compatible with Lowrance HDS LIVE & ELITE FS

Code | 74709

Contact MARINA Stores for any additional accessories & equipment!

LOWRANCE



NAVIONICS Chart, SD Card, Aegean Sea and Sea of Marmara



Code | 65787

Available only in certain countries

new

NAVIONICS Chart Platinum+, Aegean Sea and Sea of Marmara



Code | 60027

new



C-MAP East Mediterranean, Black Caspian Seas

Code | 60028



VHF

Available only in certain countries

new

VHF Marine Radio RS 509M, 25W

It provides 88 channels, selectable power 1W or 25W and Dual & Triple Watch. It has also a dual receiver, large backlit Full Dot Matrix display and supports the latest Marine channels. In addition, it has the ability to connect to a GPS antenna, water drainage function through vibration and Weather Channel with bad weather alert.

Features:

- Class: Designed for A1 and D
- Frequency range: VHF
- Number of channels: 88
- RX frequency coverage: 156.000-163.425MHz
- TX frequency coverage: 156.000-162.000MHz
- Transmitting power: Selectable 1W or 25W
- Operating voltage: DC 13.8V (±15)
- Microphone connector: Built-in microphone
- Durability standards: IP67
- Scan
- Weight: 741 gr (with microphone)
- Dimensions: 155 x 68 x 68 mm

Package contents:

- VHF (1 piece)
- Mounting bracket (1 piece)
- Microphone stand (1 piece)
- Mounting screws
- DC power cord (1 piece)
- Manual



Code	60012
GPS	-

*Available with GPS

VHF

Available only in certain countries

new

Handheld VHF Marine Radio RS 25M

It provides 200 channels pre-programmed, 1W or 3W selectable power and 10 NOAA weather channels. It has also Battery Save, Scan, Flash Alarm and Dual & Triple Watch. In addition, it has the ability to float, Vibration Draining and an illuminated LCD screen.



Features:

- Frequency range: VHF
- Number of channels: 200
- RX frequency coverage: 156.000-163.275MHz
- TX frequency coverage: 156.000-162.000MHz
- Transmitting power: 1W and 3W
- Type of battery: Alkaline AAA and rechargeable batteries 850mAh AAA NiMH
- Accessory socket type: 1 pin 3.5 mm with sealing screw
- Durability standards: IP67
- LCD screen
- Vibration
- CALL
- Scan
- Battery Save
- Weight: 136 gr
- Dimensions: 63 x 119 x 35 mm

Package contents:

- Handheld VHF (1 piece)
- Wall charger (1 piece)
- Rubber antenna (1 piece)
- 5 rechargeable batteries with a capacity of 850 mAh

Code | 60010

Handheld VHF Marine Radio RS 35M

It provides 70 channels pre-programmed, 1W or 6W selectable power and Dual & Triple Watch. It has also Battery Save, Scan function and the ability to float.



Features:

- Frequency range: VHF
- Number of channels: 70
- RX frequency coverage: 156.050-163.425
- TX frequency coverage: 156.000-161.450MHz
- Transmitting power: Selectable 1W or 6W
- Type of battery: Rechargeable Li-ion batteries with a capacity of 1200mAh
- Accessory socket type: 1 pin 3.5 mm with sealing screw
- Durability standards: IP67
- LCD screen
- CALL
- Scan
- Battery Save
- Weight: 280 gr
- Dimensions: 63 x 146 x 42 mm

Package contents:

- Handheld VHF (1 piece)
- Desktop charger (mod. AD35M + RC-35M, 1 piece)
- Li-ion battery with a capacity of 1200mAh (mod RB35M, 1 piece)
- Rubber antenna (SRA-35M, 1 piece)
- Clip (1 piece)
- Greek instructions

Code | 60011



Handsfree with Clip PTT (Push to talk) TA-1222-RS-25/35

Handsfree suitable for Handheld VHF Marine Radio RS 25M & RS 35M.

It features a Clip PTT (Push to talk).

Code | 60013

Compasses



Sea Marine Compass

- Illuminated pivoting compass
- Wired for 12 Volt red illumination
- Visible Lubber Line
- With Adjustable Mounting Bracket
- Adjustable Sun Visor
- Individually balanced dials for Precision
- Fast Response and precision Engineering

- Corrosion Resistant
- Waterproof, durable and long lasting
- Built in Accuracy compensators
- Windshield or Dash Mount
- Easy to read precision dial
- With Mounting screw slot
- Suitable for Watercraft, Boat, Caravan and Truck

Compass with LED Light, 102x94x137mm

Code	72111	72112
Colour	Black	White

To adjust

Locate the slotted compensator.
Adjust knobs at the middle and side of the base
When received, the factory preset knobs should be in neutral (horizontal) position

To exert maximum effect on compensators, turn knob 90° to positive (vertical) position

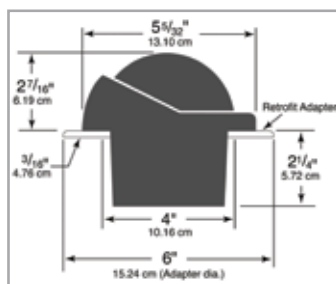


Compass Supersport 3 3/4"

Developed for and tested on offshore race boats the SuperSport Series compasses feature the PowerDamp® Plus dial. This dial technology features the PowerDamp® dial skirt to prevent oscillation, larger DirectiveForce™ magnets for quick lock on and extra-large steel pivots and jewels for smooth fast action.

Specifications

Boat Style	Offshore race boat
Dial Size/Design	3 3/4" (9.4cm)/Blue PowerDamp Plus Flat-Card
Night Lighting	12V Green
Compensators	Built-in
Mounting Hole	4" (10.2cm) - 5" (12.8cm)
Warranty	5-Year
Approx. Shipping Wt.	2lb. (907g)



Code	72269
Colour	White

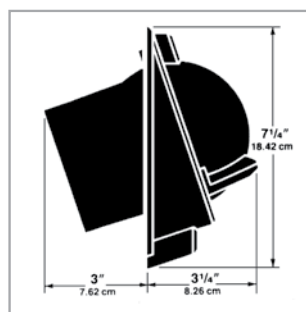


Compass Navigator BN-202-L Bulkhead Mount

For those adventurous sailors, who seek perfection in every item, and device on their boat, the Navigator BN-202 is ideal. Rugged manufacturing, dynamic design, built-in clinometer, and easy to read card are just a few of the features that this compass is equipped with.

Specifications

Boat Style / Size	Sail / From 28ft to 45ft (9.15m to 13.73m)
Dial Size / Design	4 1/2" (11.43cm) / CombiDial
Night Lighting	12-Volt Green
Compensators	Built-in
Mounting Hole	5 3/4" (14.61cm)
Warranty	5-Year
Approx. Shipping Wt.	2lb. 5oz. (1,05kg)



Code	31366
Card Colour	Red
Cover Colour	Black

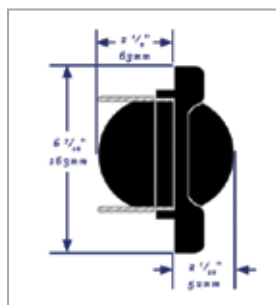


Compass Venture SR-2-L Bulkhead Mount

Designed for sailboats from 4.90 to 10.70m. Supplied with Clinometer (INC- 45)

Specifications

Boat Style / Size	Sail / From 16 to 36ft (4.88m to 10.68m)
Dial size	3 3/4" (9.35cm)
Design	CombiDial
Night Lighting	12V Green LED
Mounting Hole	4 5/8" - 4 13/16" (118 - 122mm)
Warranty	5 years



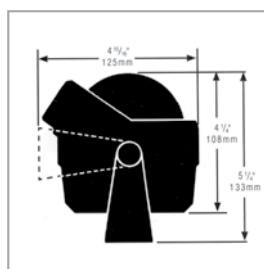
Code	31199
Card Colour	Blue
Cover Colour	Black



Compass Voyager B-81, with Bracket Mount

Specifications

Boat Style/Size	Power
Dial Size/Design	3" (7.6cm)/Flat-Card or CombiDial
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	1lb. 8oz. (680g)



Code	71156
Colour	Black



The Wheelmark Symbol denotes conformance with Standard ISO 10316(E) and ISO 613:2000(E).



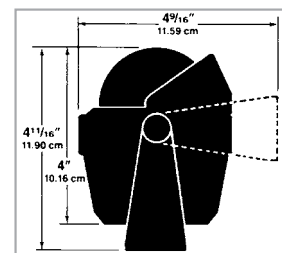


Compass Explorer B-51-L, Bracket Mount

Ritchie accuracy and mounting versatility are the perfect combination with Explorer Bracket Mount Compasses.

Specifications

Boat Style/Size	Power/Up to 24ft (7.32m)
Dial Size/Design	2 3/4" (6.99cm)/Direct Read
Card Type	Conical
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	1 lb. (454g)



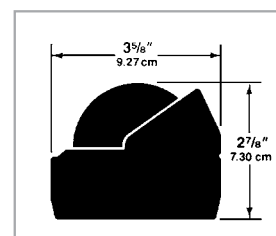
Code	31240	31241	31242
Description	Explorer B-51-L	Explorer B-51W-L	Explorer B-51G-L
Colour	Black	White	Grey

Compass Explorer S-53-L, Surface Mount

The Explorer Surface Mount compasses combine size and accuracy with a push button system for easy-on mounting, easy-off storage and security.

Specifications

Boat Style/Size	Power/Up to 24ft (7.32m)
Dial Size/Design	2 3/4" (6.99cm)/Direct Read
Card Type	Conical
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	1 lb. (454g)



Code	31250	31251	31252
Description	Explorer S-53-L	Explorer S-53W-L	Explorer S-53G-L
Colour	Black	White	Grey

Compass Sport X-10-L, Bracket Mount

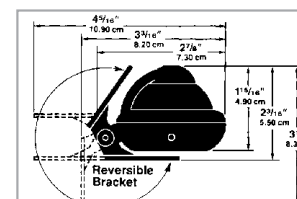
Mount it on your deck. Mount it on your windshield. Mount it on your dash. Here's a compass that's just the right size for small power boats.

Code	31200	31201	31202
Description	Sport X-10-L	Sport X-10B-L	Sport X-10W-L
Colour	Grey	Black	White



Specifications

Boat Style/Size	Power/Up to 16ft (4.88m)
Dial Size/Design	2" (5.08cm)/Direct Read
Card Type	Conical
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	5 oz. (142g)



The fully adjustable and reversible Bracket allows a mounting range of over 3000 from over head, through angled and vertical mounts to horizontal surfaces. These mounting position options and your choice of mounting hardware permit mounting from windshield or supporting frame structures, to slanted dash boards and consoles to almost any flat, angled or vertical surface.



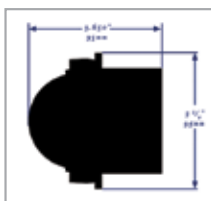
Compass Explorer V-537-L Bulkhead Mount

Just another small wonder for your sailboat. Designed and constructed especially for sailboats up to 7m.

Code	31362	31363	31364
Description	V-537W-L	V-537-L	V-537B-L
Colour	White	Black	Blue

Specifications

Boat Style / Size	Sail / Up to 24ft (7.32m)
Dial Size / Design	2 3/4" (6.99cm) / Direct Read
Card Type	Conical
Night Lighting	12V
Compensators	Built-in
Mounting Hole	3" (7.62cm)
Warranty	5-Year
Approx. Shipping Wt.	1lb. (454gr)



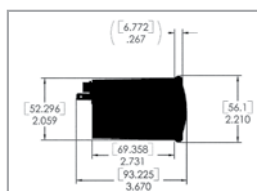
Compass Sport X-21-L Bulkhead Mount

Just another small wonder for your sailboat. Designed and constructed especially for sailboats up to 7m.

Code	31359	31360	31361
Description	X-21W-L	X-21-L	X-21B-L
Colour	White	Black	Blue

Specifications

Boat Style / Size	Sail / Up to 24ft (7.32m)
Dial Size / Design	2 3/4" (6.99cm) / Direct Read
Card Type	Conical
Night Lighting	12V
Compensators	Built-in
Mounting Hole	3" (7.62cm)
Warranty	5-Year
Approx. Shipping Wt.	1lb. (454gr)



Electronics & Navigation

Hand Bearing Compasses



Hand Bearing Compass, Non-Magnetic Alloy

- Compass rose with 360° scale
- North Line with north arrow
- Rotary dial with 360° scale
- Sighting window with sighting line
- Bubble Level
- Base table
- Stand thread
- Inch Scale
- Cm Scale
- Lens prism
- Lid
- Housing

Code 99984



Code 71207

Hand Bearing Compass SportAbout X-11 with Sialum Slot, Yellow

- Easy to Read 2" Direct-Reading Dial compass, with neck lanyard
- Hardened Steel Pivot and Sapphire Jewel Movement
- Built-in Roller Diaphragm for Extended Temperature Operating Range
- QuickSight V-Notch and Lubber Line for Easy Heading Alignment
- Non-Electric Chem Sticks Provide 18 Hours of Night Lighting
- International Safety yellow case, made of Impact-Resistant Silicon
- Compact Size for Easy Handling and Storage



Inflatable R.I.B.



Power Boat



Sail Boat



Big Yacht



Terrestrial Omnidirectional TV Radio Antenna, with 27,5 dB Gain Average

The most popular Glomex TV Antenna has been chosen as standard equipment by all major boat builders worldwide. A revolutionary state of the art antenna element and amplifiers produces exceptional performance on all channels, including the lower VHF frequencies. The 99643 TV antenna is supplied with the amplifier, including the flush, 15m of low loss, twin screen 75 Ohm coaxial cable, 1,5m TV cord and all the F gold plated connectors for the installation on board. Combined with the additional 99644 Splitter (sold separately) enhances its functionality and is able to receive radio programs as well.

Antenna Diameter: 370mm, Antenna Height: 240mm



Code | 99643



Two Way Splitter, for 99643 & 99645 Antenna



Code | 99644

Terrestrial Omnidirectional TV Radio Antenna, Glomex, with 26 dB Gain Average

This compact, lightweight TV antenna features exceptional performance on all TV frequencies. Made of UV resistant injection moulded nylon, it will keep its white mirror like finish for years. Like other TV antennas, the 99645 has no active components in the antenna, which provides extra protection from atmospheric elements. The 12/24V power supply amplifier is totally screened. This allows the best reception of TV signals with less interference from shipboard electrical noise sources.

Combined with the additional 99644 Splitter (sold separately) enhances its functionality and is able to receive radio programs as well.

Antenna Diameter: 250mm, Antenna Height: 151mm



Code | 99645



AM-FM Antenna, L 1,5m, 6m Coaxial Cable & Motorola Plug (AM 550-1600 / FM 88-108 Mhz)

- Length: 1,5m
- Glossy fiberglass
- Nylon ferrule
- Solid antenna elements



Code | 99652



VEGA Omnidirectional TV Antenna, with 25dB Gain Average

When you require a compact antenna or want a sleek low profile without the bulky weight of a large antenna, then 70876 TV antenna is the perfect solution. It is made of ASA, can withstand the harsh marine environment and with a totally screened, low noise amplifier, built in the antenna case, it ensures that you'll have the best reception possible for VHF and UHF frequencies, in both analogue and digital channels. It is supplied with the power inserter, plastic mount, 10m of low loss coaxial cable (75 ohms) and the 1.5m TV cord. Includes Splitter for TV & Radio.

- Antenna Diameter: 100mm
- Antenna Height: 210mm
- Base Diameter: 25mm
- Frequency Range: 40/890 MHz
- Gain Average: 25dB
- Power Supply: 12V



Code | 70876

AM-FM Antenna, L 0,3m, 3m Coaxial Cable, Motorola Plug & Built-in Mount

(AM 550-1600 / FM 88-108MHz)

- Length: 0,30m
- Unbreakable UV resistant synthetic rubber injection moulded
- Solid antenna element
- Built-in mount and ground plane built-in on the coax



Code | 99654



Antenna Satellite TV, 390mm

Code | 41635





VHF Antenna, with 3dB Gain Average & PL259 Connector, L 0,9m

This antenna belongs to the Aloud product line. Its tapered stainless steel whips can absorb physical shocks without bending. The antenna is supplied with all the necessary parts for installation and a high quality RG58 C/U (MIL C17) coax cable. The Glomex exclusive weatherproof solderless connector allows installation without soldering, so it simplifies the replacement of existing antennas. These antennas are approved for marine use on grounded and ungrounded installations (sail and power boats).

Code | 71114



VHF Antenna, with 3dB Gain Average, L 0,9m, 18m Coaxial Cable & PL259 Connector

This antenna belongs to the Aloud product line. The tapered stainless steel whips can absorb physical shocks without bending. The fiberglass version has a glossy polyurethane coating to provide extra corrosion protection for the internal copper elements. These individually tuned antennas are supplied with all the necessary parts for installation.

Code | 99646



VHF Antenna, with 3dB Gain Average, L 1,5m, 4,5m Coaxial Cable & PL259 Connector

This 5/8 wave antenna is the right choice for small boats where exceptional value at an economic price is the primary concern.

- Length: 1,5m
- Solid brass antenna elements
- 4,5m Coaxial cable
- Glossy Glomex fiber-glass
- Nylon ferrule

Code | 99647



VHF Antenna, with 6dB Gain Average, L 2,4m, 4,5m Coaxial Cable & PL259 Connector

Glomex has set a new standard for quality in lightweight, economic VHF antennas with the 99650. The standard features of the CLASSIC range make this the best choice for the value minded boater.

- Length: 2,4m
- Glossy Glomex fiber-glass
- Solid brass antenna elements
- Electro polished stainless steel ferrule
- 4,5m Coaxial cable
- Remforced tube of 1,2mm thickness
- Glue protection rubber collar
- Safety tip synthetic rubber

Code | 99650



Electronics & Navigation

Communications Accessories

Available only in certain countries



WeBBoat 4G Lite, 3G / 4G / WI-FI, Coastal Internet System

Code | 74389



Zigboat Basic Kit, Wireless and Remote Surveillance and Monitoring System

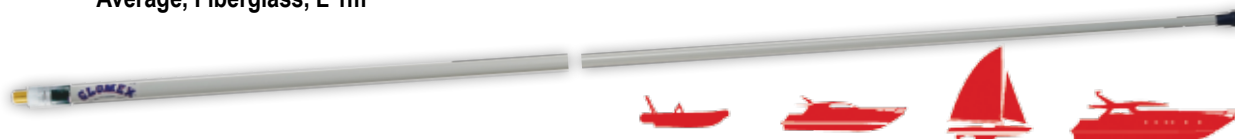
Code | 41634

Communications Accessories

Available only in certain countries

**AIS Antenna with 3dB Gain
Average, Fiberglass, L 1m**

Code | 41633



GLOMEX
The Best in Marine Electronics

Connectors & Coaxial Cables

Available only in certain countries

**FME Male to FME
Adaptor**

Code | 41636



**Male to PL259 Male
Adaptor**

Code | 41637



**Female to SO239
Female Adaptor**

Code | 41638



**Female to SO239
Female Adaptor**

Code | 41648



**Coaxial feed for PL Connectors,
Gold Plated**

Code | 41639



GLOMEX
The Best in Marine Electronics

**Coaxial Cable,
Low Loss 50 Ohms**

Code	Length (m)
41640	3
41641	6
41642	12
41643	18
41644	24
41645	30



**Coaxial Cable,
Low Loss 93 Ohms**

Code	Length (m)
41646	6
41647	18



**PVC Threaded Protection
for all size PL259
Connectors**

Code | 99667



**PL259 Connector for
RG58/U Coax Cable,
Twist-on**

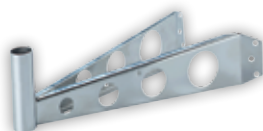
Code | 99666



Antenna Mounts & Accessories

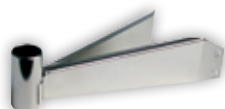
**Mount for TV Antenna
99643 & 99645, Glomex,
electropolished stainless steel**
Diameter 25mm

Code | 99662

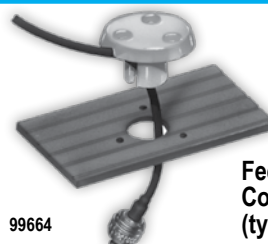


**Mount for TV Antenna 99645,
Glomex, electropolished
stainless steel,**
Diameter: 25mm

Code | 99663



Code | 99664



**Feed-Thru for Deck Passage of
Coaxial Cables & Connectors
(type RG58), Nylon**

**Universal Mount,
L 150mm, Diam 25mm,
Stainless Steel**

Code | 41649



GLOMEX
The Best in Marine Electronics



Four Way Antenna Ratchet Mount, Electropolished Stainless Steel, for 1"x14 Thread, Locking by Handle

Ratchet mount-polished stainless steel. Four way ratchet mount for installation on deck or bulkhead, locking by handle. Hole for Loran or GPS cable. The exclusive built-in feed-thru allows the passage of coaxial cable. Standard thread 1"x 14.



Code | 99658



Four Way Antenna Ratchet Mount, with 2 Adjustment Knobs

This ratchet mount antenna is made of reinforced nylon and can be fixed to the deck or bulkhead of your boat. Its two knobs allow you to adjust the antenna in several positions either vertically or horizontally. Set the antenna at the position of your preference and lock its knobs manually. A special rift on the top of the antenna is appropriate for coaxial and GPS cables. It is available in white colour.

Code | 99657



Four Way Antenna Ratchet Mount, with Adjustment Knob

This ratchet mount antenna is made of reinforced nylon and is installed on the deck or bulkhead of your boat. It has one knob, which moves horizontally and it locks manually at the position of your preference. It is available in white colour.

Code | 98687

Antenna Rails Mount, with 2 Adjustment Knobs

This rail mount is made of reinforced nylon and is fixed to fit on rails of 19.1-25.4mm diameter. It has two adjustable knobs with which you achieve complete horizontal and vertical motion of the antenna. Two nuts on the side of the mount allow you to lock the position of the antenna. It has a special rift to hold coaxial and GPS cables.

Code | 70144



Four Way Antenna Ratchet Mount, with Adjustment Knob

This ratchet mount is made of reinforced nylon and it is installed on rails of 19.1 up to 25.4mm diameter. The ratchet mount includes a single knob, so that you can adjust the horizontal position of the antenna manually. It is available in white colour.

Code | 98698



Code | 99740

**Antenna Mount, H 100mm,
Diam. 70mm**

Made of reinforced nylon



Code | 99660

**Antenna Rails Ø19,1-25,4mm
mount, H 65mm**

Made of reinforced nylon



Code | 98692

**Fixed Antenna Mount,
H 41mm, Diam. 70mm**

Made of reinforced nylon



**Antenna Bracket
for Rail Ø18-27mm,
Plastic, White**

Code | 43257



Bracket for VHF Microphone

Code	Colour	Length (mm)	Height (mm)	Width (mm)
44532	White	35	8	35
44533	Black			



Code | 98688

Fixed Antenna Base, Inox 304

Diameter: 73mm, Height: 102mm

new

Available only in certain countries

FUSION

Fusion Marine Stereo MS-RA60

The MS-RA60 is the most economical marine stereo from Fusion yet, featuring modern aesthetics, Multi-Zone™ Technology in two zones and advanced connectivity options in a compact form factor.

Technical Specifications:

- Display: 2.3" Perimeter Bonded Monochrome Dot Matrix LCD
- Dimensions: 68 x 156.9 x 103.2 mm
- Weight: 316 g
- Waterproof: IPX6 and IPX7 (front panel only, when properly installed)
- Power Input: 10.80-16 VDC
- Peak Power: 180 W
- Operating Temperature Range: 0° - 50° C
- Current (max.): 15A
- Bluetooth Wireless Range: Up to 10 m
- ANT Wireless Range: Up to 3 m
- Wireless Frequencies/Protocols: Bluetooth 2.4 GHz @ +12 dBm nominal
- Sources: AM/FM/ Bluetooth /AUX x1/DAB+ (Available in Europe and Australia only)



Code | 60006

Fusion Marine Stereo MS-RA210

The MS-RA210 marine stereo from Fusion® is a stylish addition to your boat. Incorporating some of the Apollo™ Series' key features, the stereo includes built-in Digital Signal Processing (DSP) technology, modern design aesthetics and advanced source options.

Technical Specifications:

- Display: 2.7" Optically Bonded Colour LCD
- Dimensions: 68 x 157 x 126.6 mm
- Weight: 350 g
- Waterproof: IPX6 and IPX7 (front panel only, when properly installed)
- Power Input: 10.80-16 VDC
- Peak Power: 200 W
- Operating Temperature Range: 0° - 50° C
- Current (max.): 15A
- NMEA 2000® LEN: 1 (50 mA)
- Bluetooth Wireless Range: Up to 10 m
- ANT Wireless Range: Up to 3 m
- Wireless Frequencies/Protocols: Bluetooth 2.4 GHz @ +12 dBm nominal
- ANT 2.4 GHz @ +7 dBm nominal
- Sources: AM / FM / Bluetooth / USB audio / iPhone / iPod / AUX x1 /MTP / SiriusXM-Ready (USA only, requires optional SiriusXM Connect vehicle tuner) / DAB+ ready (Available in Europe and Australia only)



Code | 60007

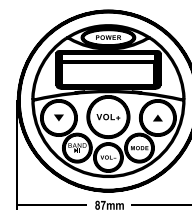
Waterproof Radio/MP3 Player 4x20Watt - LCD - AUX - Bluetooth

Sea Sound

Marine USB/MP3 Player, Black, Radio AM/FM, Output auxiliary 4x20Watt, Clock, Input AUX, Green-lighted/LCD high resolution display.

- Marine USB/MP3 Player
- Radio AM/FM
- Clock
- Fully waterproof-complies with the instructions ASTM B117 Salt/Fog exposure & ASTM D4329 UV
- Water-tight/high quality rubber buttons,
- Possibility of support behind the console

Dimensions:
front diameter 87mm, hole diameter 76,5mm, depth 58mm

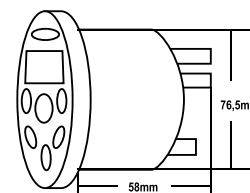


Package Includes:

- 1 Audio source
- Mounting bracket with fixing screws
- Connection cables for speaker
- USB Cable - 1m
- User Manual

Code | 63765

CE FM AM MP3

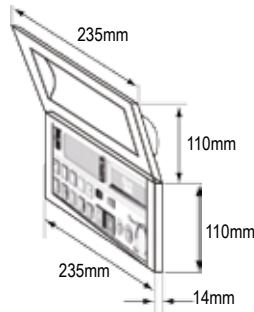




Case Cover for Radio/CD

Ideal to protect the Radio/CD player of your boat. Suitable for all 1 DIN (180mm x 50mm) units of the market. Options in white colour with flat cover, and in smoked transparent colour with flat or curved cover.

Code	Colour	Cover Type
50281	White	Flat
195265	Smoked transparent	Flat
196069	Smoked transparent	Curved



Marine Speakers & Megaphone



Megaphone with Siren

- Diameter: 200mm
- Length: 350mm
- Power: 20W
- Sound Coverage: 400m approx.
- Function: Talk/Siren (or Music)
- Batteries: 6D
- ABS Housing



Code | 90168

new



Available only in certain countries

Fusion Speakers Sports XS-F65SPGW, 200W, 6.5", w/ Grey & White Cover, Set

Enjoy high-performance sound, enhanced weather protection, at an affordable price with Fusion XS Series speakers.

Technical Specifications:

- Dimensions: 177 x 83 mm
- Frequency Response: 80 Hz-18 kHz
- Maximum Power: 200 W
- RMS Power: 50 W
- Sensitivity: (1 W / 1 m): 91 dB
- Recommended Amplifier Power (RMS): 20-150 W/Ch
- Compass-safe Distance: 310 cm
- Mounting Diameter Clearance: 135 mm
- Mounting Depth Clearance: 67 mm



Code | 60008

Fusion Speakers Sports LED XS-FL65SPGW, 240W, 6.5", w/ Grey & White Cover, Set

Enjoy high-performance acoustics, enhanced protection from the environment and multicolour RGB LED lighting all at a midrange price point with the XS Series speakers from Fusion.

Technical Specifications:

- Speaker Size: 6.5"
- Peak Power: 240 W
- RMS Power: 60 W
- Sensitivity: 92 dB
- Frequency Response: 70 Hz - 18 kHz
- Nominal Impedance: 4 Ohms
- Recommended Amplifier Power (RMS): 25 - 200 W/Ch
- Tweeter Type: Aluminum Dome
- Cone Material: Polypropylene Cone with Cloth Surround
- Mounting Diameter Clearance: 162 mm
- Mounting Depth Clearance: 77 mm
- Optimum Enclosure Recommendations:
- Sealed enclosure volume: 10L
- LED Lighting: RGB
- LED Supply Voltage: 10.8 - 16V dc
- LED Load Current @ 14.4 VDC: 150mA



Code | 60009



Electronics & Navigation



Two-way Speakers, 100W, 6 1/2", Non-magnetic, with Clip-on Cover, White, Set

Ideal for use in boats, the Two-way Speakers are waterproof and corrosion-resistant while they can be hosed down when the boat is being cleaned. Having non-magnetic design, they don't disturb instruments or compasses and their ASA cover provides improved endurance in both sea and sun exposure. They also feature waterproof and corrosion-resistant mica injection cone with TPU edge and corrosion-resistant silicone coated terminal wire. Can be mounted either horizontally or vertically. Suitable for indoor and outdoor use. Available in white colour. CE approved.

Technical Specifications:

- Impedance: 4 Ohm
- Sensitivity: 90 dB
- Frequency Response 60-18000 Hz
- Max Power 100W (per pair)
- RMS Power 80W (per pair)

Mounting Dimensions:

- Depth: 64mm
- Hole diameter: 136mm
- Magnet: 350g (8oz + 4.3oz)

To remove the cover, turn it on the left



Code | 74576

2 Way Speaker Set

With Nuova Rade Speakers installed in your boat, you can relax or party - listening to your favourite music. Ideal for use in boats, since they are water (31302 & 31303) and corrosion proof. The 2-way speakers may be mounted both indoors and outdoors.

Technical Specifications

31302

- 5 1/4" 2 Way Speaker Set 80W
- Impedance: 4 Ohm
- Sensitivity: 88db
- Frequency Response: 80-18000 Hz
- Max: 80W (per pair)
- RMS Power: 70W (per pair)
- Material: UV-stabilised ABS plastic
- Dimensions: 5,25" (13,34cm)

Mounting Dimensions

- Depth: 53mm, Hole: 115mm
- Magnet: 238g (5.4oz + 3oz)

31303

- 6 1/2" 2 Way Speaker Set 100W
- Impedance: 4 Ohm
- Sensitivity: 90db
- Frequency Response: 60-18000 Hz
- Max: 100W (per pair)
- RMS Power: 80W (per pair)
- Material: UV-stabilised ABS plastic
- Dimensions: 6,5" (16,5cm)

Mounting Dimensions

- Depth: 64mm, Hole: 136mm
- Magnet: 411g (8oz + 6.5oz)

Code	31302	31303
Diameter (Inches)	5 1/4"	6 1/2"
Power (W)	80	100
Colour	White	White

Binoculars

Binoculars, Center Focus, 7x50



Code | 31317

- The most user-friendly binoculars
- Brighter images
- Center focus
- Rubber fold-down eyecups
- Lightweight & easy-to-use
- Soft bag, strap & lens cleaning cloth are included in the package

Technical Specifications:

- Magnification: 7x
- Lens Diameter: 50mm
- Prism Type: Porro BAK-4
- Angle of Vision: 6.6°
- Exit Pupil: 7,14mm
- Eye Relief: 20mm
- Focus: Center focus
- Field of View: 114m@1000m
- Weight: 873gr
- Dimensions: 19x6x17,5cm



Binoculars, Individual Focus, 7x50, with Compass, Waterproof, Floating



Code | 31367

- The ultimate marine binoculars
- Waterproof, floating & shockproof
- With compass
- Brighter images
- Individual focus
- Foldable eyecups
- Easy-to-use
- With neck strap, carrying case and built-in lenses' cover

Technical Specifications

- Magnification: 7x
- Lens Diameter: 50mm
- Prism Type: Porro BAK-4
- Angle of Vision: 7,3°
- Exit Pupil: 7mm
- Eye Relief: 21,1mm
- Focus Type: Individual
- Field of View: 127m@1000m
- Weight: 914gr
- Dimensions: 17x9,5x20cm
- Battery: LR43





Night Vision Binoculars, Digital, 8x31, with Rechargeable Battery, Video Rec, Incl. 8GB SD Card

- Digital binoculars
- Can be used for observation in completed darkness or low-light conditions
- With video recording capability & rechargeable battery
- 8GB SD Card included

Technical Specifications:

- Magnification: 8x
- Lens Diameter: 31mm
- Exit Pupil: 45mm
- Angle of Vision: 9°
- Weight: 580gr (without battery)
- Dimensions: 22x14x6cm
- Viewing Range: 2m~∞ in daytime, up to 400M (monochrome) in the darkness
- Resolution: 1280x720
- Resolution TFT LCD: 640x360



Code | 74620



Navigation Instruments

One Hand Dividers

These dividers can be opened and closed with one hand, while performing your chart work. The top curved part of the handle is brass and the tapered sides are bright finished marine alloy. They are believed to be the best marine dividers available.



Code	93968	93969
Length	17,8cm (7")	20,3cm (8")

Straight Pattern Brass Dividers

Dividers is a necessary tool in distance calculation, and generally in navigating the boat. Lalizas dividers are made of bronze arms and tips with special metal alloy, for extra resistance. They are available in two sizes 17,8cm (7") and 20,3cm (8").



Code	94003	94004
Length	17,8cm (7")	20,3cm (8")

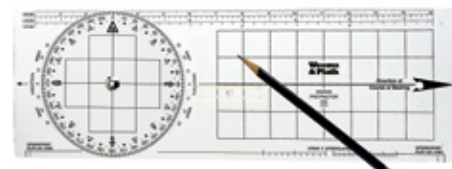
Parallel Ruler



Code	94008	94009
Length	38cm (15")	30cm (12")

Chart Protractor Bi-Rola, 5-1/8"x15-1/4"

This bi-rola chart protractor turns the tedious task of plotting into child's play. It virtually eliminates the need for other devices except a pencil. Plotting a course is as simple as laying the protractor along your course line and aligning the compass disk. Laying off courses, bearings, distances and loran interpolation is so easy you can forget about other methods. Corrections can easily be made for variation and deviation. The body of the contractor has scales for nautical miles, millimeters and loran interpolation.



Code | 95674

Triangular Protractor 45° with Handle

Using two 45° triangles provides an easy method of plotting and performing other chart work. With its protractor scales, the triangle is easily aligned in any direction with a chart meridian. Direction is maintained as one triangle slides on the other, to the desired position. Durable, clear vinylite.



Code | 93991





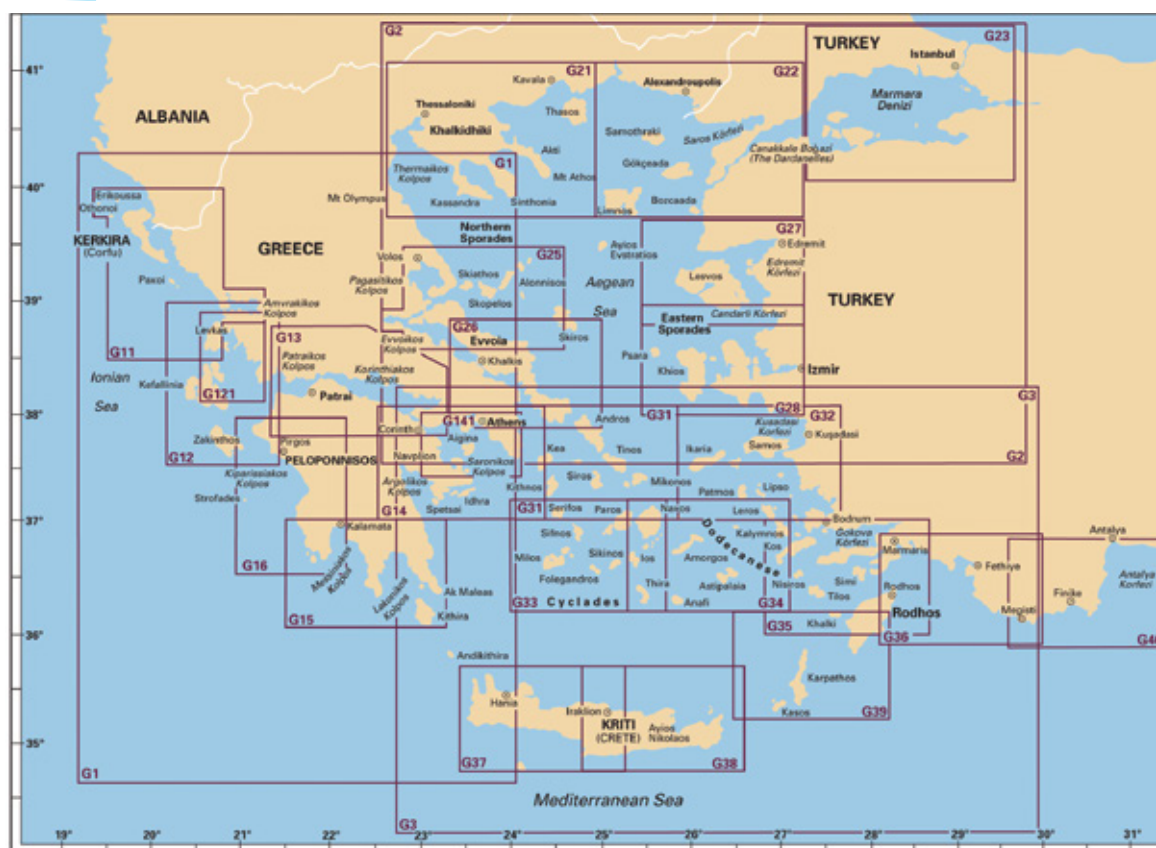
Code | 60028



Code	Description
99881	Eastern Mediterranean M20, "Eastern Mediterranean"
99882	Eastern Mediterranean M21, "South Coast of Turkey, Syria, Lebanon & Cyprus"
99883	Eastern Mediterranean M22, "Egypt to Israel, Lebanon and Cyprus"
99884	Eastern Mediterranean M23, "Adriatic Sea"
99888	Western Mediterranean M10, "Western Mediterranean"



Code	Description
70136	Croatia M24, "Golfo di Trieste to Losinji & Rab"
70137	Croatia M25, "Rab to Sibenik"
70138	Croatia M27, "Dubrovnik to Bar & Ulcinj"
70963	Croatia M30, "Southern Adriatic & Ionian Seas"



Tetra Chart Greece - Turkey

Code	Description
99856	Greece G1, "Mainland Greece and Peloponnese"
99857	Greece G11, "North Ionian Islands"
99858	Greece G12, "Nisos Levkas to Nisos Zakynthos"
99859	Greece G121, "Inland Sea - Ionian"
99860	Greece G13, "Gulf of Patras and Corinth"
99861	Greece G14, "Saronic and Argolic Gulfs"
99862	Greece G141, "Saronikos Kolpos"
99863	Greece G15, "Southern Peloponnisos"
99864	Greece G16, "Western Peloponnisos"
99865	Greece G2, "Aegean Sea (North Part)"
99866	Greece G25, "Northern Sporades and North Evvoia"
99867	Greece G26, "Nisos Evvoia"
99868	Greece/Turkey G27, "Nisos and the Coast of Turkey"

Code	Description
99869	Greece/Turkey G28, "Nisos and the Coast of Turkey"
99870	Greece G3, "Aegean Sea (South Part)"
99871	Greece G31, "Northern Cyclades"
99872	Greece/Turkey G32, "Southern and the Coast of Turkey"
99873	Greece G33, "Southern Cyclades"
99874	Greece G34, "Southeastern Cyclades"
99875	Greece/Turkey G35, "Dodecanese the Coast of Turkey"
99876	Greece G37, "Nisos Kriti (West)"
99877	Greece G38, "Nisos Kriti (East)"
99878	Greece G39, "Nisos Karpathos to Nisos Rhodes"
71329	Greece G21, "Northwest Aegean"
71330	Greece G22, "Northeast Aegean"
99879	Turkey G40, "South Coast of Turkey"
99880	Turkey G36, "Marmaris to Kekova Adasi"

Available only in certain countries



Pilot Map

Pilot maps are of course one of the must-have-on-board items, since without them navigation would be almost impossible. The Lalizas Pilot Maps offer complete and updated information for your easy navigation in Greek waters. They also feature instructions for the entrance and exit from ports, with photos. They are made of laminated paper, specially processed so that it is completely waterproof, and that it is not worn out from the extensive use, or the weather conditions at sea. There are many pilot maps available, covering most of the Greek waters. All you have to do is choose.

Code	Description
60222	No 1, Saronikos Bay
63077	No 2, Eastern Peloponnisos
63078	No 3, Northern Cyclades
63087	No 4, Southwestern Cyclades
63088	No 5, Southeastern Cyclades
63206	No 6, Euboean Bay
63207	No 7, Corinthian Bay
63257	No 8, Bay of Patraikos, Ithaca, Cephalonia
63343	No 9, Pagasitios Bay - Sporades
63344	No 10, Western Crete
63345	No 11, Eastern Crete
63464	No 12, North Dodecanese
63532	No 13, South Dodecanese
63533	No 14, North-West Aegean Sea
63558	No 15, Thracian Sea
63559	No 16, South-East Euboea up to South Chios & South Lesbos
63268	General Pilot Map, No 1, South Aegean Sea
63341	General Pilot Map, No 2, Ionian Sea
63342	General Pilot Map, No 3, North Aegean Sea

Available only in certain countries

Maps, Guides and Books

LALIZAS offers you pilot maps, guides, and other such as Regulations slide rules, published by N. D. Elias. All articles included in this range have useful information for the navigation, and the ports in Greece. They are unique in the market because all the information provided, such as instructions of land approach, dangerous locations, and many more (excluding pilot maps), have been collected and verified with on the spot research by the publishers themselves, and not taken by third parties or organizations. Another feature, not found in other similar publications in the market, is the fact that the pilot maps, and the photos are all in colour and not black and white, allowing you to read them easily.

Sea Guide

These Sea Guides provide you with all the information that one may need on board a boat. They include pilot maps, detailed data on ports, gulfs and all possible anchorage locations. Furthermore, they feature information on the winds in the respective area, as well as information on food, entertainment, and sleep. The Sea Guides are made of reinforced paper, hand-binded, so that they last longer without being worn out or torn apart. They are available in 4 editions, covering all the seas in Greece.



**Hellas, Sea Guide,
"Eastern Peloponnese,
Cyclades, Crete &
Saronikos"**

Code | 60218



**Hellas, Sea Guide,
"Northern Aegean
Sea"**

Code | 60219



**Hellas, sea guide,
"Ionian sea"**

Code | 60221



**Hellas, Sea Guide,
"Dodekanisa"**

Code | 60220

Guide for Collision Regulations, 'Abacus'

The 'Abacus' is a very useful item to have on board. The captain and anybody else using it can easily and quickly locate and be informed about any part of the COLREG, thus helping in a smoother and safer navigation of the boat. Available in Greek and English.



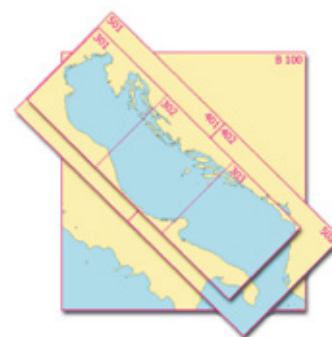
Code	Description
60223	In Greek
63089	In English

Informative & Auxiliary Chart

Informative charts include particular information important for the navigation in the Adriatic Sea. Auxiliary charts show parts of the Adriatic Sea at scales of 1:300000, 1:400000 and 1:500000. They are used for graphic solutions of certain tasks in navigation and are suitable for coupling.

Informative and auxiliary charts are not subject to the correction by NTM, nor used for navigation.

Chart No	Description	Scale 1:	Format
B100	Jadransko more, batimetrijska karta	300000	B1
301	Jadransko more, sjeverni dio	300000	A0
302	Jadransko more, srednji dio	300000	A0
303	Jadransko more, južni dio	300000	A0
-	Male karte - Jadransko more - istočna obala (spiralni uvez)	100000	B3



Charts

Charts show a particular navigational area (a part of the Earth's surface), including all the elements necessary for the safety of navigation and orientation at sea. They fall into navigational charts, informative and auxiliary charts. Charts are manufactured on the Mercator projection by Croatian Hydrographic Institute (HHI).

Navigational Chart

According to their scale, content and purpose, navigational charts are divided on General charts, Sailing charts, Coastal charts and Plans. Navigational charts are corrected by Lalizas Marina d.o.o. Split, Croatia.

General Chart

General charts show the area of the Mediterranean Sea with a part of the Black Sea and the Ionian Sea at scales of 1:750000 to 1:2500000.

Chart No	Description	Scale 1:	Format
101	Jadransko more	800000	A0
102	Jonsko more	800000	A0
108/INT 301	Sredozemno more, zapadni dio	2250000	B1
109/INT 302	Sredozemno more, istočni dio	2250000	B1



Available only in certain countries

Coastal Chart

Coastal charts show the area of the Adriatic Sea - eastern coast at scales of 1:50000 to 1:100000. They include Small charts of 1:100000 scale, which are small-sized and suitable for smaller vessels. They are available only in sets (MK-1 and MK-2).

Chart No	Description	Scale 1:	Format
100-15	Grado - Rovinj	100000	B1
100-16	Pula - Kvarner	100000	B1
100-17	Lošinj - Molat	100000	B1
100-18	Rijeka - Kvarnerić	100000	B1
100-19	Silba - Pag	100000	B1
100-20	Dugi otok - Zadar	100000	B1
100-21	Šibenik - Split	100000	B1
100-22	Jabuka - Vis	100000	B1
100-23	Tremiti - Palagruža	100000	B1
100-24	Palagruža - Lastovo	100000	B1
100-25	Hvar - Lastovo	100000	B1
100-26	Brač - Hvar	100000	B1
100-27	Peļješac - Mljet	100000	B1
100-28	Dubrovnik - Budva	100000	B1
100-29	Budva - Ulcinj	100000	B1
100-30	Ulcinj - Durres	100000	B1
50-3	Pula - Cres	100000	B1
50-4	Riječki zaljev	100000	B1
50-20	Dubrovnik	100000	B1



Description	Scale 1:	Format
Male karte, I dio, komplet, Tršćanski zaljev - Novigradsko more - Zadarski kanal	100000	B3
Male karte, II dio, komplet, Zadar - Ulcinj	100000	B3

Sailing Chart

Sailing charts show the area of the Adriatic Sea, Ionian Sea and Maltese Islands at scales of 1:150000 to 1:300000.

Chart No	Description	Scale 1:	Format
INT 3410	Rijeka - Venezia	250000	A0
INT 3412	Split - Gargano	250000	A0
INT 3414	Dubrovnik - Durres	250000	A0
300-31	Venezia - Zadar	300000	B1
300-32	Ancona - Šibenik	300000	B1
300-33	Pescara - Split	300000	B1
300-34	Barletta - Dubrovnik	300000	B1
300-35	Bari - Ulcinj	300000	B1
300-36	Golfo di Taranto - Otrantska vrata	300000	B1
300-37	Otranto - Preveza	300000	B1
151	Rijeka - Venezia	200000	B1
152	Rijeka - o. Murter	200000	B1
153	Šibenik - o. Lastovo	200000	B1
154	Peļješac - Rt Oštra	200000	B1



Plan

Plans - show major ports and marinas, bays, coves and passages of the eastern Adriatic coast at scales of 1:2000 to 1:40000.

Chart No	Description	Scale 1:	Format
13	Zaljev Raša	100000	B1
14	Plominska luka	100000	B1
15	Rijeka	100000	B1
16	Omišaljski zaljev	100000	B1
17	Bakarski zaljev	100000	B1
20	Kvarner - Velebitski kanal	100000	B1
22	Kvarnerić	100000	B1
37	Srednji Jadran	100000	B1
47	Split - Kaštelanski zaljev	100000	B1
63	Ploče	100000	B1

Chart No	Description	Scale 1:	Format
83	Dubrovnik	100000	B1
512	Kornat - Murter	100000	B1
518	Rijeka Krka i Prokljansko jezero	100000	B1
525	Stonska prevlaka	100000	B1
532	Sedmovrač	100000	B1
533	Šibenski kanal	100000	B1
535	Vis, Stari Grad, Vrboška i Jelsa, Brna, Maslinica, Vela Luka, Prižba, Karbuni, Velji i Mali Lago	100000	B1
536	Kaštelanski zaljev i Pakleni kanal	100000	B1



Publications

Publications and Books for Ships

Description
Voditelj brodice - hrvatski jezik
Voditelj brodice - njemački jezik
Međunarodna pravila za izbjegavanje sudara na moru
Radio dnevnik GMDSS (Log book)
Brodski dnevnik
Dnevnik stroja na motorni poriv
Dnevnik vježbenika palube - kadetura
Dnevnik vježbenika stroja - kadetura
Zdravstveni dnevnik
Popis posade

Available only in certain countries



Star Finder

Available only in certain countries

Nautical Publications

Nautical publications include mariner's handbooks which provide information important for the safety of navigation that cannot be represented on charts, and other publications useful to mariners. Nautical publications are intended to be used in conjunction with charts.



Pilot I - Adriatic Sea - Eastern Coast



Pilot for Small Vessels - Part I



Pilot for Small Vessels - part II



List of Lights and Fog Signals



Radioservice for Mariners



Nautical Tables



Nautical Almanac



Tide Tables - Adriatic sea



Navigational Aids, IALA System

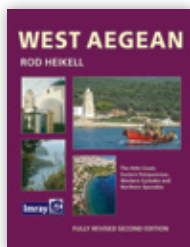


Symbols and Abbreviations



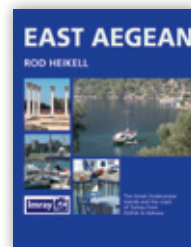
Mediterranean Pilot, "Ionian"

Code | 99839



Mediterranean Pilot, "West Aegean"

Code | 99840



Mediterranean Pilot, "East Aegean"

Code | 99841



Mediterranean Pilot, "Mediterranean Cruising Handbook"

Code | 99836



Mediterranean Pilot, "Greek Waters Pilot"

Code | 99838



Mediterranean Pilot, "Mediterranean France and Corsica Pilot"

Code | 99844



Mediterranean Pilot, "Turkish Waters & Cyprus Pilot"

Code | 99842



Mediterranean Pilot, "Adriatic Pilot"

Code | 99845



Mediterranean Pilot, "Italian Waters Pilot"

Code | 99846

Available only in certain countries



Practical First Aid

Code | 71003

Book,
"Ropes & Knots"

Code | 60224

"Wind Strategy",
Fernhurst

Code | 99895

"First Aid Manual",
Dorling Kindersley

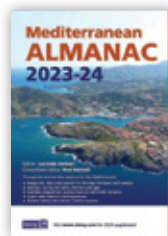
Code | 99901

"International Collision
Regulations", RYA

Code | 99891

"Knots &
Splices",
Fernhurst

Code | 99898

Mediterranean
Almanac

Code | 99851

"Go Sailing",
RYA

Code | 99894

Log Books



The Ship's Log, 11-1/2"x8-5/8"

The Ship's log has a flexible, diary type format consisting of lined pages for recording ship's data and activities. Also included are Guest Register, Vessel Specifications and Serial Number List pages as well as quick reference pages on topics including: rules of the road, weather reference, radio procedures and other.

Code | 93981

The Cruising Log

The Cruising Log provides ample space for recording information about nautical excursions, as well as, a guest registry. Quick reference pages are provided on such topics as: rules of the road, radio procedures, distress signals and weather reference. It also includes space for you to record vital information about your vessel.

Code | 94013

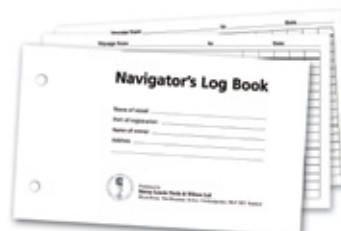
The Maintenance Log, 11-1/2"x8-5/8"

Featuring a detailed format, the Maintenance Log has ample space to list vessel specifications, spare part numbers, previous repairs and maintenance, as well as, space for reference drawings. Also includes quick reference pages on safety, weather, BIA certification requirements and other.

Code | 93983

Navigator's
Log Book

Code | 99854

Refills for Log
Book

Code | 99855



Plumbing & Ventilation



Submersible Bilge Pumps	279-280	Marine Toilets & Accessories	298-301
Float Switches	280-281	Water & Waste Hoses	301-302
Submersible Bilge Pump Switches	281	Hose Clamps	302
Diaphragm Bilge Pumps	282	Brass Fittings	303-305
General Use Pumps	282-285	Thru-Hulls	305-312
Waste Pumps	286	Thru-Hull Accessories	313-314
Freshwater Pumps	286	Drain Plugs	314-315
Showers & Accessories	286-289	Ball Valves	315-316
Faucets & Accessories	289-292	Ventillation	316-321
Water & Waste Tanks	292-298	Strainers	321

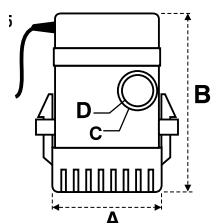
Plumbing is also an important part of the boat's equipment. Most boats (open, cabin, inflatable, powerboats, sailboats, etc.) have various plumbing installations, from simple (e.g. deck shower) to really complex ones.

At MARINA Stores, you can find top-quality products by the Italian manufacturer Nuova Rade, such as water tanks, pressurised pumps, toilets, pipes, drains and more.

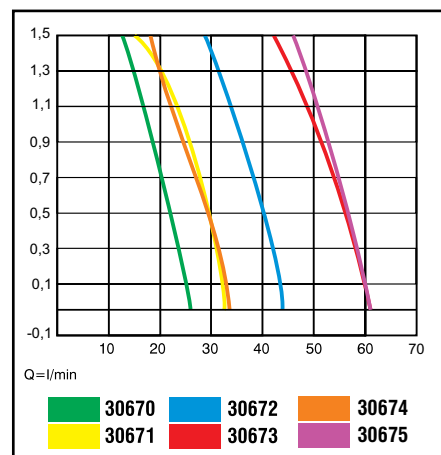
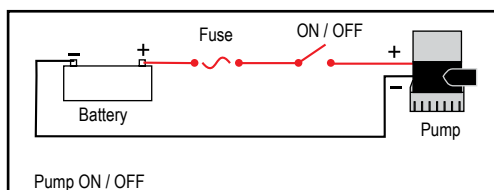
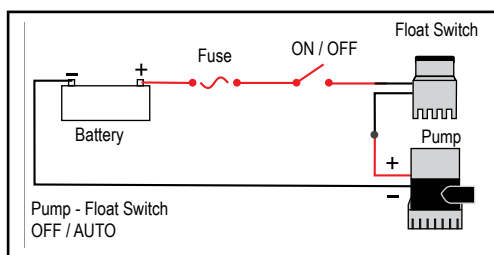
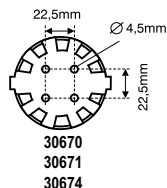
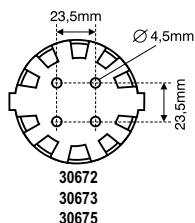


Submersible Bilge Pump

The 12 & 24 V Submersible Bilge Pumps are made of shock resistant ABS and powered by the world's best compact motor. The snap-on strainer base makes the installation a simple procedure. These reliable pumps are available in six sizes from 500GPH to 1000GPH.



Code	30670	30671	30674	30672	30673	30675
GPH	500		600	700		1000
Volts		12		24	12	24
Fuse (A)	2	5	2	8	10	4
A(mm)	60	60	60	70	70	70
B(mm)	90	90	90	105	105	105
C(mm)	20	20	20	25	30	30
D(mm)	15	15	15	20	25	25



Plumbing & Ventilation



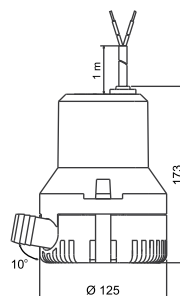
Submersible Bilge Pump

The best plumbing equipment for hassle-free boating.

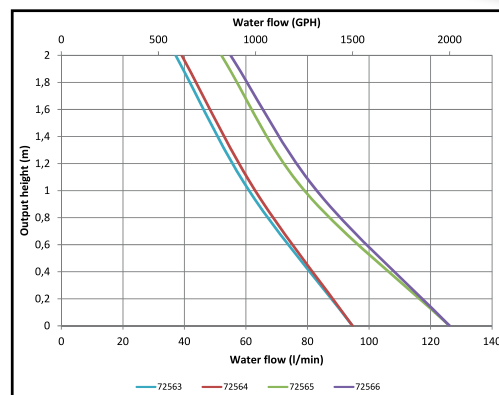
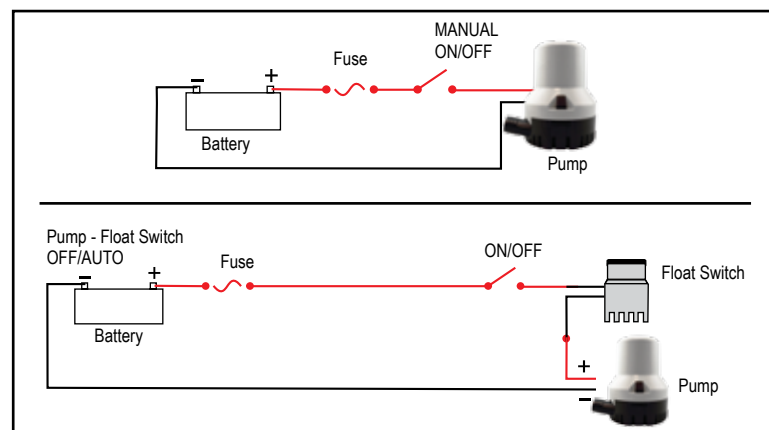
Features:

- Strong and reliable motor
- 100% true efficiency in gallons' value
- Easy to disassemble for installation and cleaning

Code	Gallons (GPH)	Volts (DC)	Fuse (A)	Hose Outlet
72563	1500	12	10	1"
72564	1500	24	5	1"
72565	2000	12	10	1"
72566	2000	24	5	1"



Combine with
Tinned Marine Cables
page 344



Submersible Bilge Pumps

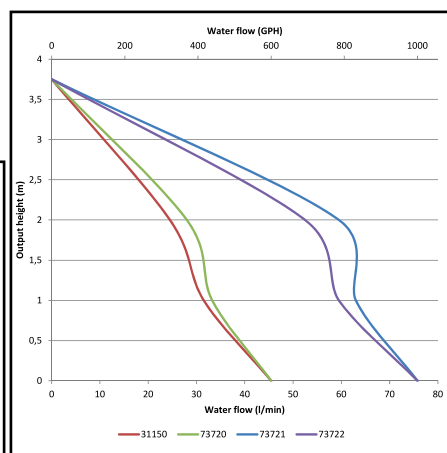
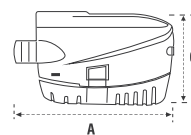
Submersible Automatic Bilge Pump



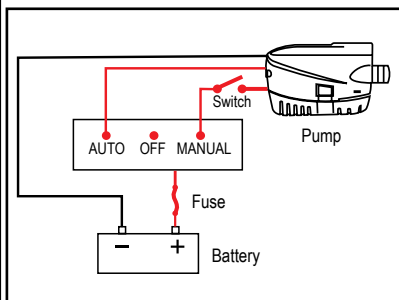
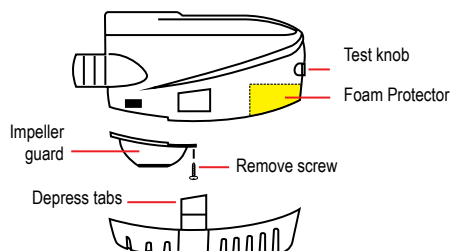
Test knob

Nuova Rade Submersible Automatic Bilge Pump combines quality and ease of use in one device. It features very simple disassembly for both installation and cleaning. It has a built-in automatic float switch which activates the pump when the bilge water rises, thereby allowing the pump to operate even when the boat is unattended. The pump also features a manual test button that allows you to test the level switch as well as the pump. Additionally, it has a snap on strainer base making installation and maintenance simple. It is made of durable ASA. The pumping capacity is 600GPH through a 19mm (3/4") hose & 1000GPH through a 25mm (1") hose. Fuse 3A, 4A & 7,5A. 12V & 24V DC. CE. With strong and reliable motor and 100% true efficiency in gallons' value. With 2 years' warranty.

Code	31150	73720	73721	73722
GPH	600		1000	
Volts	12	24	12	24
Fuse (A)	4	3	7,5	4
A(mm)	145	145	151	151
B(mm)	82	82	83	83
C(mm)	90	90	97	97



Easy to disassemble for installation and cleaning



Electric Gear Pump, 400GPH

Self-priming. Bronze gear pumping elements inside. Pump for transferring the diesel, salt water and any liquid except for flammable liquids with a flash below 37°C (98°F). Flow rate 400 GPH.

Code	Voltage (V)	Intensity (A)	Fuse (A)	Hose Ø
94528	12	15	35	5/8" (16mm)
94529	24	8	15	5/8" (16mm)

Float Switches

Float Switch FS-40

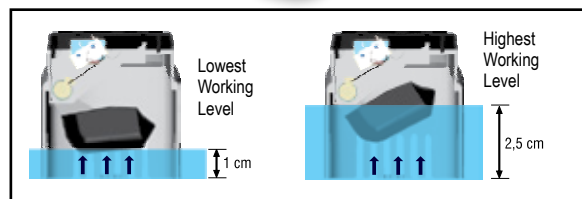
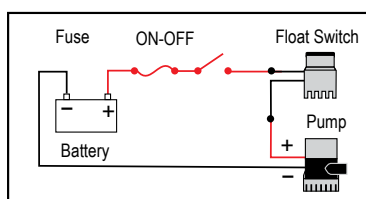
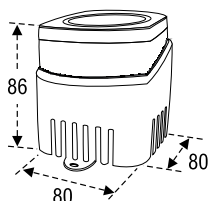
Nuova Rade Float Switch FS-40 has been designed to be used with bilge pumps rated up to 10A. The FS-40 activates or deactivates the bilge pump, depending on the water level. Namely, when the water level rises, it forces the float upwards, which switches on the bilge pump. By installing the float switch there is no need to monitor the water level and switch the pump on or off manually. A very important feature is that you can test the smooth operation of the switch at any time, just by operating the test button. The Float Switch FS-40 is made of tough ABS for long life Voltage: 12V/24V DC.

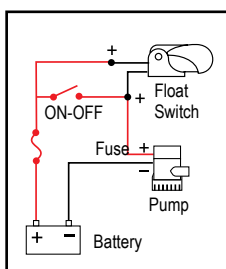


EASY MOUNTING



Code 31170





Automatic Float Switch

This float switch is designed for the automatic control of electrically driven bilge pumps. Designed with a reliable rolling-ball and switch system that prevents rapid on/off cycling found on some switches and is safer than mercury switches. When water lifts the chamber buoy up to 6cm, the switch automatically turns the bilge pump on until the bilge pump is emptied. This automatic float switch has a plastic housing.

Code	Power (V)	Fuse (A)	Material	Length (cm)	Width (cm)	Height (cm)	Amp
91549	12 / 24	15 max	ABS	11	7	6,5	7



Combine with
Tinned Marine Cables
page 344

Environmental Electronic Level Switch E.E.L.S

The Environmental Electronic Level Switch is the latest innovation, as it operates with an electronic sensor, instead of the air pressure or any moving parts. It has been designed to sense the water level with great precision and accuracy, thus offering you the best possible result. One of the most important advantages of the E.E.L.S is that it is environmentally friendly. Nuova Rade designed this switch to operate only when it senses water. If there are quantities of hydrocarbons, such as oil, it switches the bilge pump off, thus preventing any pollution. Vertically mounted to the hull, the E.E.L.S is connected in line with bilge pump(s) even of higher potency. Also its compact design allows a far greater freedom of movement. Other features are the insulated electrical contacts, casing from durable Nylon and ABS, 100% impermeability to water.

Technical characteristics:

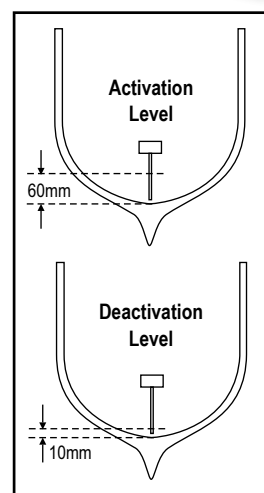
The Electronic Level Switch can be used with any bilge pump up to 22A. The Electronic Level Switch has the following electrical characteristics:

Voltage: 12V DC

Connection to the main circuit: Inline Maximum Intensity: 22A.

How to connect the Electronic Level Switch

Connect a switch for the activation of the automatic operation of the bilge pump inline to the positive pole of the battery. You should also connect a fuse inline, according to the intensity of the bilge pump and up to 22A max (See manufacturer's instructions). The wires of the Electronic Level Switch which are connected to the poles of the battery are RED (+) and BLACK (-). The other pair of wires, the BLACK (-) and BLUE (+), are connected to the negative and positive pole of the bilge pump respectively.



Code 31010

ATTENTION!

It is necessary that you follow the polarity when making the connections, otherwise you run the risk of producing a short circuit, leading to damage your Electronic Level Switch circuit. Please check the polarity before activating your new Float Switch.

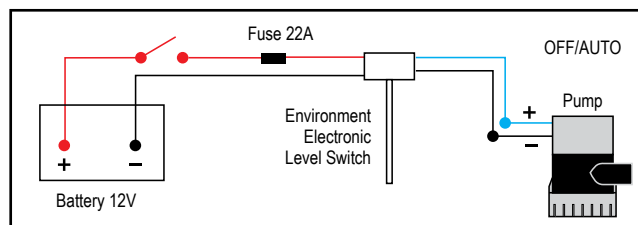
WIRING

Black: Negative (-)

Red - Blue: Positive (+)

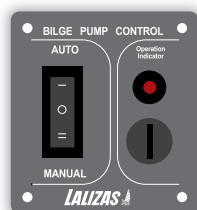
Black - Red: Connection to the battery

Black - Blue: Connection to the Bilge Pump



Submersible Bilge Pump Switches

Pump Switch



The LALIZAS Pump Switch allows you to operate your boat's bilge pump automatically, manually or even switch it off. It has indication light so that you know when the device is operating. Made of Inox 316 for durability and lifetime protection against corrosion. It is available in charcoal colour.

Additional features

- Auto-Off-Manual switch
- For use only in 12/24V.
- Max. load per switch: 15A
- Coated with electrostatic paint
- Completely wired and ready to install
- 2 year warranty

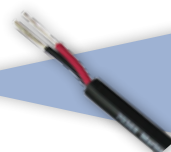


Code	Switch	Dimensions (cm)		Colour	Voltage (V)
		Height	Width		
31301	Auto-Off-Manual	7	6,5	Charcoal	12-24



Pump Safety Protector (Off / Manual / Auto)

Code	90182
Voltage (V)	12

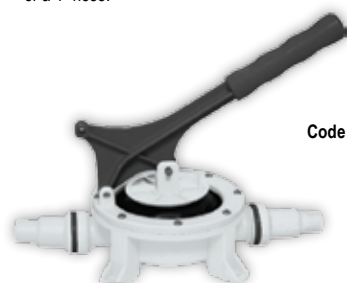


Combine with
Tinned Marine Cables
page 344

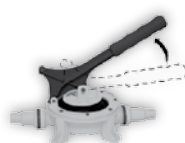
Diaphragm Bilge Pumps

Diaphragm Bilge Hand Pump

Ideal for use where battery power is not available or as a backup to the electric pumps, the Diaphragm Bilge Hand Pump is easy-to-use and has a capacity of 0,4lt/0,1gallon per stroke. It features a built-in non-return valve, which can be easily removed with the quick release clip and two-position handle for convenient use, depending on your requirements. Additionally, its outlet connection allows the use of either a Ø 3/4" or a 1" hose.



Code | 31342



A. Horizontal Position



B. Vertical Position



Service Kit for Diaphragm Bilge Hand Pump 31342

Includes diaphragm, flapper valves, gasket

Code | 31399



Code	91553	91556
Description	Diaphragm Foot Pump, 4GPM	Diaphragm Repair Kit for Foot Pump 91553



Hand Suction Pump

Made of anti-corrosion plastic material. Supplied with an adapter for flooring and with 80cm of plastic hose. Comes in 2 different capacities and packaged in single plastic bag, with instructions for use.

Code	90599	90600
Height (cm)	45	60
Each Pumping (cl)	30	50

General Use Pumps

Pump Diaphragm

- Max. discharge height: 4m



Code	Volt (V)	Flow Rate (lt/min)	Length (mm)	Height (mm)	Width (mm)
196861	24	19	300	130	160
196862	12				



Water Pumps

- Self-priming
- Thermal overload, automatic restart
- Runs dry without damage
- Duty cycle: Intermittent



Code	Volt (V)	Max Flow (L/min)	Rated Current (A)	Max Pressure (psi)	Max Draw (A)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Hose Outlet (mm)
198069	12	3.8 L/min	2,5	80	4	175	99	64	0,6	Ø10,5

Code	Volt (V)	Max Flow (L/min)	Rated Current (A)	Max Pressure (psi)	Max Draw (A)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Hose Outlet (mm)
198070	12	17	6,5	40	11,5	250	107	98	2,54	Ø19,8
198071	24	17	3,5	40	5,5	250	107	98	2,54	Ø19,8





Κωδικός	Volt (V)	Max Flow (L/min)	Rated Current (A)	Max Pressure (psi)	Max Draw (A)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Hose Outlet (mm)
56082	12	8	2,9	25	4,5	210	110	120	1,71	Ø13,8



Κωδικός	Volt (V)	Max Flow (L/min)	Rated Current (A)	Max Pressure (psi)	Max Draw (A)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Hose Outlet (mm)
53432	12	12,5	4,5	40	8,5	210	108	98	2,2	Ø13,8



Code | 198117

**Filter and Connectors
for Nuova Rade Pumps
198070-1, Set**



Code | 198118

**Filter and Connectors
for Nuova Rade Pumps
56082, 53432, Set**

**Pressure Switch - max 40psi
for Nuova Rade Pumps
53432, 198070, 198071**

Code | 198082



**Pressure Switch - max 80psi
for Nuova Rade Pump
198069**

Code | 198083



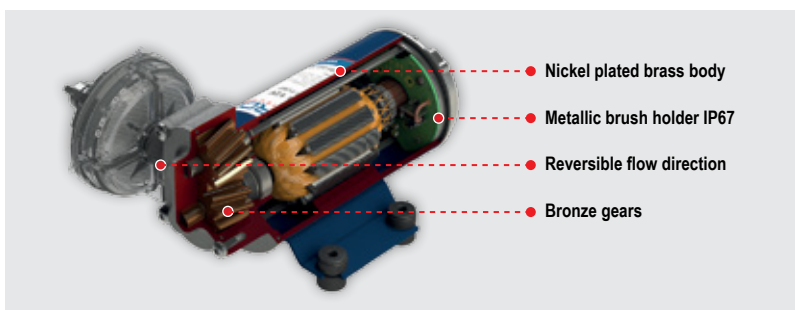
**Pressure Switch - max 25psi
for Nuova Rade Pump
56082**

Code | 198081

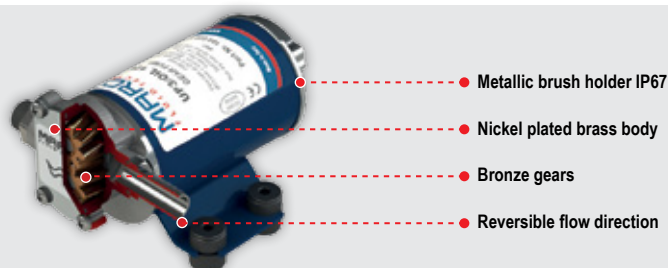


Bronze Gear Pump Suitable for Diesel

Self-priming electric pump of small dimensions with bronze gears, guaranteeing constant pressure and less noise. Can operate in absence of liquid. Main applications: transfer of diesel fuels and antifreezes.



Code	Volt	Amp	Lt/min	Ports (BSPP)	Tube (mm)	Weight (kg)	Pressure (bar)	Dimensions (mm)
97926	12	6	15	3/8"	13	1,4	2	159x166x101
97928	12	10	26	1/2"	16	3,2	2	201x174x111
97927	24	7,5						



Tube Kit of 8mm & 6mm ext. diam. for Pumps 99150, 99151

Code 99156



Bronze Gears Pump Suitable for Oil

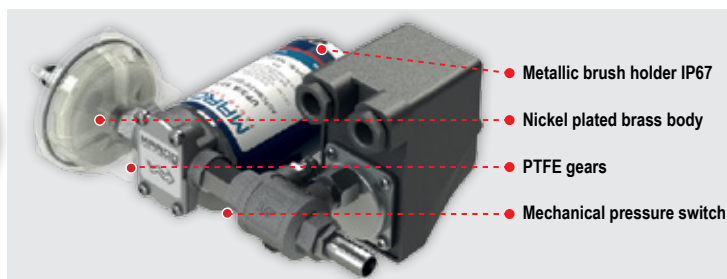
Complete range of self-priming electric pumps with bronze gears to transfer lubricating oil and viscous liquids. The bronze gears guarantee constant pressure and less noise. Can operate in absence of liquid. By using the special tube kit (code 99156), supplied separately, the pump can be employed for draining exhausted lubricants oil out of engines' sumps, particularly marine engines. Operation is done through the dip stick tube. Available in versions with integrated on/off & flow reversing switch or kit with battery clips and hoses.



Code	Volt	Amp.	Flow Rate (oil SAE 20 at 200)			Ports (BSPP)	Tube (mm)	Weight (kg)	Pressure (bar)	Dimensions (mm)
			Ø 6mm	Ø 8mm	Ø 14mm					
99150	12	5	20l/h	60l/h	330l/h	3/8"	13	1,4	2	135x99x88
99151	24	3								



Code	Volt	Amp.	Flow Rate (oil SAE 20 at 200)			Ports (BSPP)	Tube (mm)	Weight (kg)	Pressure (bar)	Dimensions (mm)
			Ø 6mm	Ø 8mm	Ø 14mm					
71738	12	5	18l/h	60l/h	330l/h	3/8"	13	1,8	24	177x108x88



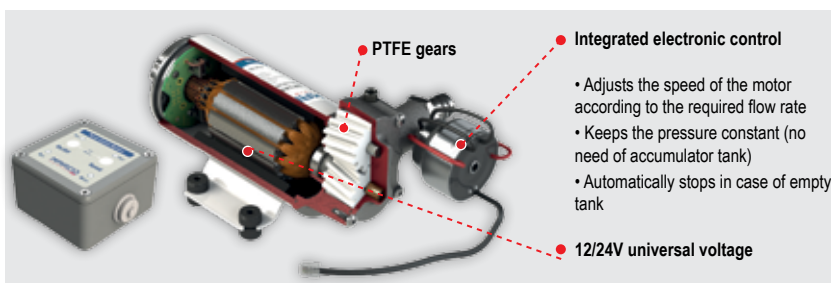
Automatic Pressure Pump Suitable for Fresh & Salt Water

Self-priming electric pumps with PTFE helical gears, equipped with in-line filter, pressure switch, check valve to be used as automatic pumps for water pressure systems on boats, mobile homes etc.

Combine with
Tinned Marine Cables
page 344



Code	Volt	Amp	Lt/min	Ports (BSPP)	Tube (mm)	Weight (kg)	Pressure (bar)	Dimensions (mm)
97929	12	6	15	3/8"	13	2,3	2	173x249x118
97930	24	3						
97931	12	8	26	1/2"	16	4	2	201x261x118
97932	24	4						



Electronic Pressure Pump Suitable for Fresh & Salt Water

Self-priming automatic electric pump with helical PTFE gears, integrated check valve and electronic control. Nickel-plated brass body and stainless steel shaft. Main applications: fresh water pressure systems and shower kits on boats, rubber dinghies, sailing boats and campers.

Code	Volt	Amp	Lt/min	Ports (BSPP)	Tube (mm)	Weight (kg)	Pressure (bar)	Dimensions (mm)
90018	12/24	3/1,5	10	3/8"	12	1,3	2	164x116x81
71737	12/24	14/7	36	1/2"	16	4,9	2,5	242x212x113





Impeller Pump Suitable for Fresh & Salt Water

Self-priming electric pump with rubber impeller. Ideal for bilge and waste water on any type of boat.



Code	Volt	Amp	Lt/min	Ports (BSPP)	Tube (mm)	Weight (kg)	Pressure (bar)	Dimensions (mm)
71736	12	8	28	3/8"	20	1,8	1	152x95x82
97924	12	14	45	3/4"	25	4,1	1,5 bar	194x120x98
97925	24	7						

Impeller for MARCO Pump 97924, 97925, 94560, 94561, 94562, 94563

22,1x50,8 mm / bore 8,07mm



Code 97900

Combine with
Tinned Marine Cables
page 344



Code	Voltage (V)	Intensity (A)	Diameter (mm)
94560	12	8	26,4
94561	24	10	



Water Pump,
280GPH

Code 90167



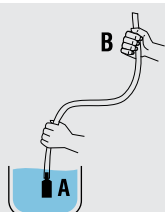
Water Accumulator, Plastic,
L 24cm, 1-1,5L



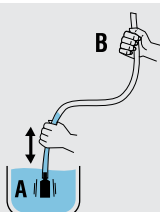
Hose Pump, Manual Suction, Transparent

This corrugated hose pump is great to outfit your boat for optimum customisation and maintenance. Allows quick and safe transfer of liquids from one container to another. High-quality and durable PVC material. Suitable for petrol, diesel, water.

Code	Diameter (mm)	Length (cm)	Hose	Hose Thickness (mm)	Flow Rate (gallons/min.)
70002	12,5	160	PVC	2	3,5
70003	22,5			3	10

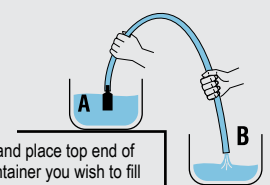


1. Place the bottom end A of the hosepipe into the tank with the liquid that you wish to pump out and hold the top end B of the hosepipe upright



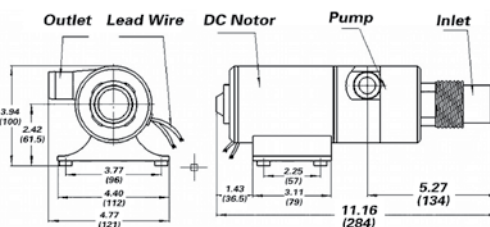
2. Shake the bottom end of the hose vigorously up and down until the liquid rises in the hose, continue pumping until the liquid passes balance level

ATTENTION: Make sure that the empty container is placed below the level of the container you wish to empty



3. Stop pumping and place top end of the hose in the container you wish to fill and the liquid will flow automatically

Waste Pumps



Waste Pump with Macerator, 700 Gph

Features:

- Self-priming
- Runs dry without damage
- Thermal overload, automatic restart
- Duty cycle: Intermittent

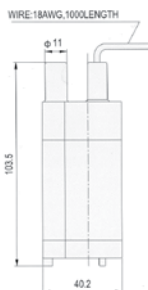
Code	Volt (V)	Max Flow (L/min)	Rated Current (A)	Power (W)	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
94562	12	45	12	144	284	121	100	2,11
94563	24		6					

Freshwater Pumps



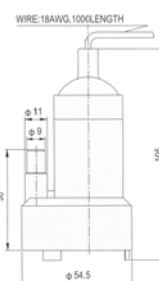
Water In-line Pump, 280GPH, 12V, 3A

Code | 71159



Water Pump for Tanks 100GPH, 12V, 2A

Code | 99812



Water Pump for Tanks 160GPH, 12V, 2,5A

Code | 99813

Showers & Accessories

Shower Head with Hose

With a shower head made of ABS and a PVC hose. It is available in white colour. Having easy installation, Nuova Rade Shower Head with Hose is intended for flush mount installation on the deck or as transom shower.



Code	Hose (m)
55913	3
55914	5

Shower Hose Braid, 1/2"-3/8" threads

- Made of PVC fiber reinforced
- Available in three different lengths (1,5m, 3m & 5m) and two colour options
- BSPP thread



Code	Hose (m)	Colour
45599	3	White
196086	5	
198263	1,5	Silver-Grey
198264	3	



Shower Head, Short

- 1/2" threaded shower head with trigger
- Made of ABS

Code	Colour
196481	Chrome
45598	White



Shower Head, Long

- 1/2" threaded shower head with trigger
- Made of ABS

Code	Colour
196480	Chrome
47083	White



Shower Head, Long

- With 1/2" thread
- Made of brass

Code | 198041

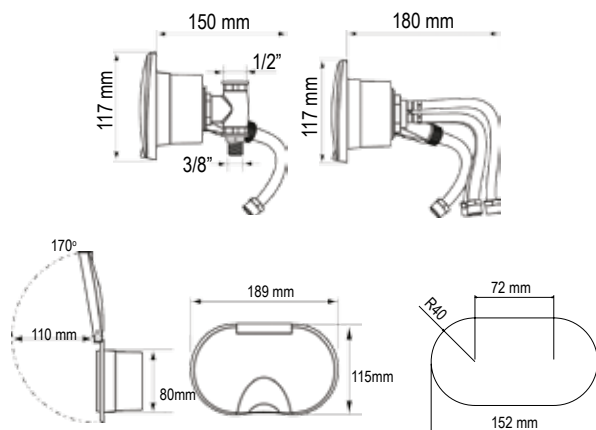
Cases with Shower & Water Tap with Lid

Specifically designed to combine two functions in one single device, they allow major room saving and easy access. In addition to their simplified installation process, they have been engineered to combine optimum comfort, durability and absolute safety. Available with white or chrome cover, the housing fits in any deck or transom to give the boat a clean uncluttered look. Supplied with drilling template.



54601

54604



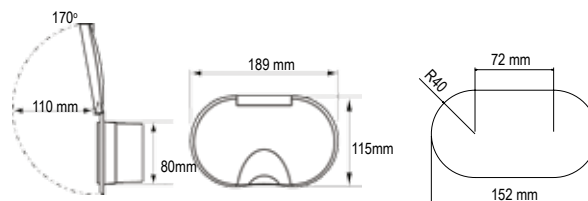
Cut out piece

Code	Water Tap	Connector	Shower Head	Hose (m)	Cover Colour
54601	Cold	"T"	White	3	White
54604	Mixer	20cm 3-hose	White		
54605	Mixer	20cm 3-hose	White	3	Chrome
54606	Mixer	20cm 3-hose	Chrome		

Case Twin for Shower & Water Tap, with Lid



Code	Cover Colour
55800	White
196686	Cream
55801	Chrome

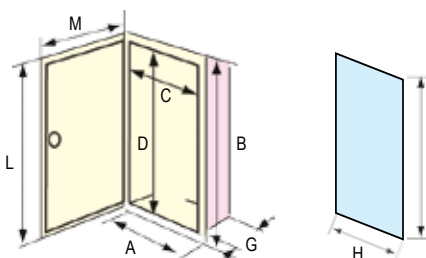


Cut out piece

Case, Side mounted, with Shower

Made of ASA, ABS head shower, PVC hose and chrome plated metal parts. Available in white and cream colour with easy installation.
*Codes 196469 and 196470 contain Mixer Tap

Code	Water Tap	Lid	Hose (m)	Lid Colour
196469	Mixer	Yes	3	White
196470	Mixer	Yes	5	
44297	No	No	3	
44298		No	5	
196421		Yes	3	
196422		Yes	5	
50015		No	5	Cream



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
145	191	105	150	80	115	155	197	165

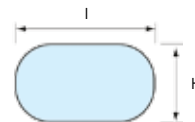
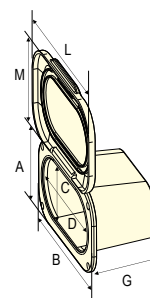




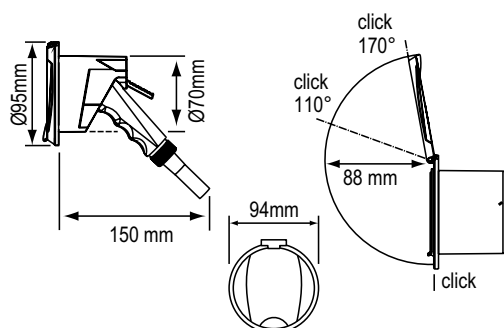
Case with Shower & Mixer Tap, with Lid with Gasket

Made of ASA, EPDM gasket, ABS head shower, PVC hose and chrome plated metal parts. Available in white and cream colour. With easy installation, intended for both cold and hot water.

Code	Hose (m)	Colour
196409	3	White
196410	5	
196411	3	Cream
196412	5	



A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
99	170	75	144,5	73,5	75	145,5	177,5	111,5



Case with Shower Spray and Lid

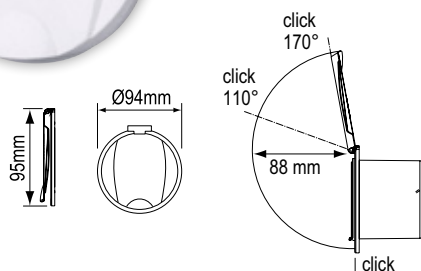
Made of ASA plastic, ABS head shower and PVC hose. They are available in white and chrome colour. Having easy installation, Nuova Rade Cases with Shower Spray and Lid, include also a 3m hose.

Code	Shower Head	Hose (m)	Lid Colour
46303	White	3	White
46304	Chrome	3	Chrome



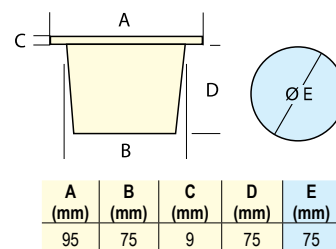
Case for Shower Head, with Round Lid

Code	Lid Colour
42575	White
46170	Chrome



Case for Shower Head, with Square Lid

Code	Lid Colour
196399	White
196401	Cream

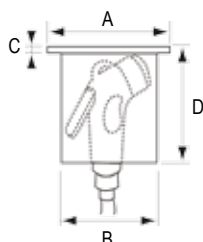


A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	75	75



Case for Shower Head, Round, with Lid, White

Code 35791

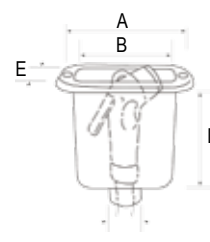


A (mm)	B (mm)	C (mm)	D (mm)
88	66	5	80



Case for Shower Head, Square, with Lid, White

Code 37214



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
125	87	30	97	90

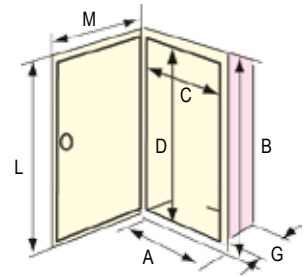


Case for Shower

It is made of PA material. With easy installation and available in white colour.

Code	Colour
44301	White

A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)
145	191	110	155	80	115	155

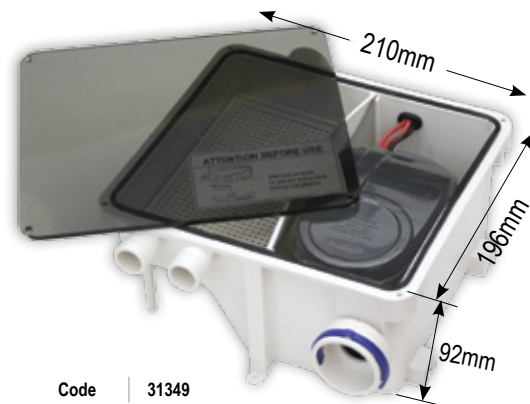
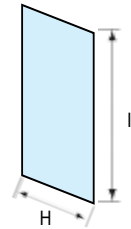


Case for Shower with Lid

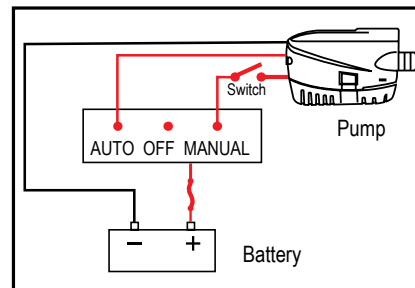
The body of the product is made of PA and the lid is made of ASA. With easy installation and available in white colour.

Code	Colour
196420	White
196471	

	A (mm)	B (mm)	C (mm)	D (mm)	G (mm)	H (mm)	I (mm)	L (mm)	M (mm)
196420	145	191	105	150	80	115	155	197	165
196471	165	237	110	183	95	114	187	247	186



Code | 31349



Shower Sump System LSU 600, 12V

Designed especially for use on boats with built-in sink, shower or tub, the LSU 600 will pump all water out of the drain and into the tank. It is compact and can be mounted either against the floor or against the walls, in which case the two legs can be cut off. It has a built-in automatic bilge pump that will start operating, as soon as the float switch senses water. Additionally, it features a filter, which can be easily serviced by removing the top transparent cover and a non-return valve at the outlet hose. The LSU 600 case is made of resistant polypropylene and the lid of acrylic. Its power consumption is limited to 2,5A at 12V, fuse 4A. The LSU 600 System has 3 inlet hoses (2 of 19,1mm (3/4") and 1 of 25,4mm (1")) and 1 outlet hose with non-return valve for hose of 19,1mm (3/4") and 25,4mm (1") in diameter.



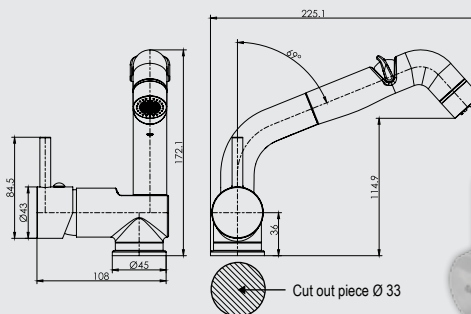
Faucets & Accessories

new



CASCATA Faucet w/ Adjust. Flow Sprayer & Pull-Out Shower Tube 150cm

- Adjustable faucet with 2 flow types
- Pull-out shower tube (spiral) 150cm
- Rotatable neck and 2-way flow volume adjustment (body handle/sprayer trigger)
- Materials: Chrome plated brass body and chrome plated plastic handle



Dimensions are in mm

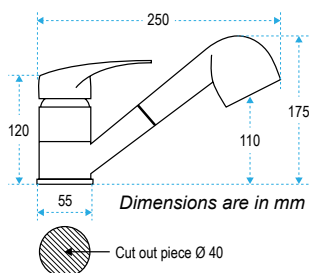


Code | 75048

Faucet, with Adjustable Spray & Shower Tube 150cm

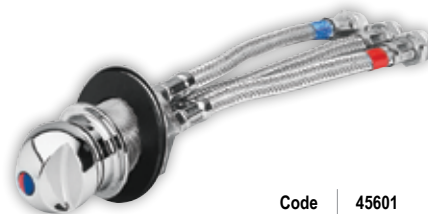


Code | 99960



Mixer Water Tap (Cold/Hot)

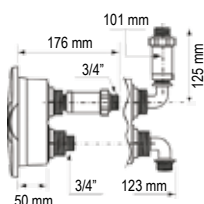
Made of chrome plated brass. It features 3-hose connectors of 20cm. Mixer Water Tap is intended for both cold and hot water.



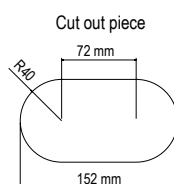
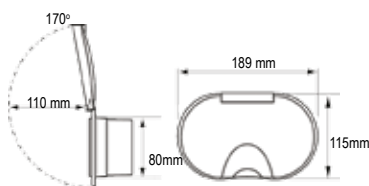
Code | 45601

Case with Water Inlet/Outlet, with Lid

Made of ASA and chrome plated metal parts. They have sea water outlet and fresh water inlet. Having easy installation, Nuova Rade cases are available in white colour with white or chrome lid. You can also choose between straight or elbow connector. Sea water outlet/Fresh water inlet with quick connectors.



Code	Connector	Lid Colour
54611	Straight	White
54612	Straight	Chrome
54613	Elbow	White

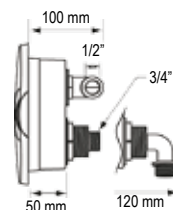


Case with Cold Water Tap & Outlet, with Lid

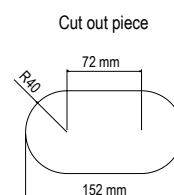
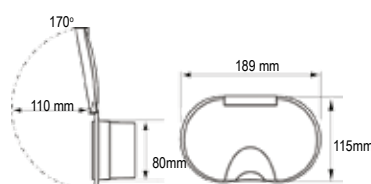
Made of ASA and chrome plated metal parts. Having easy installation, Nuova Rade Cases are available in white colour, with chrome or white lid. You can also choose between straight or elbow connector.

The cases include:

- Sea water outlet with quick female connector
- Cold water tap + "T" connector
- Stainless steel threaded hose



Code	Connector	Lid Colour
54607	Straight	White
54609	Elbow	White
54610	Elbow	Chrome

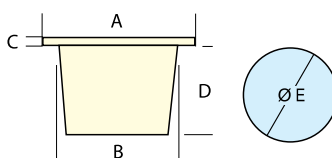


Case with Cold Water Tap, with Lid

Made of ASA and chrome plated metal parts. They are available in white and cream case colour. Having easy installation, Nuova Rade Cases with Cold Water Tap with Lid are intended only for cold water.



Code	Case Colour
196393	White
196397	Cream



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
95	75	9	55	75

Case with Mixer Tap (Cold/Hot), with Lid

Made of ASA and chrome plated metal parts, they are available in white and cream case colour. Having easy installation, Nuova Rade Cases with Mixer Tap with Lid are intended for both cold and hot water.



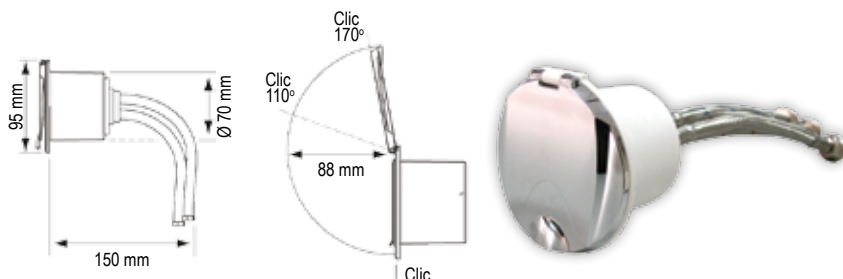
Code	Case Colour
196392	White
196396	Cream



Case with Mixer Tap (Cold/Hot), with Lid

It features a chromed brass mixer tap and 3-hose connectors of 20cm. Available with chrome or white lid and intended for both cold and hot water.

Code	Water Tap	Connector	Lid Colour
46206	Mixer	20 cm 3-hose connectors	Chrome
47676	Mixer	20 cm 3-hose connectors	White

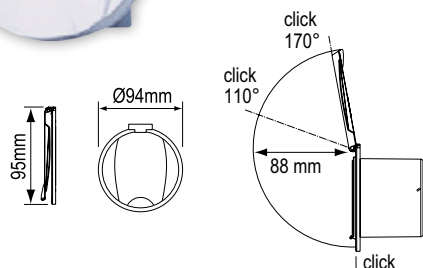


Case for Water Tap, with Lid, Round

It is suitable for mixer tap and water tap and it is available with lid in white or chrome colour.



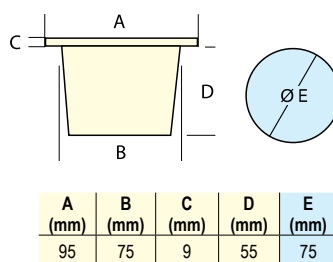
Code	Lid Colour
42576	White
46171	Chrome



Case for Water Tap with Lid, Square

It is suitable for mixer tap and includes a gasket. Available in white and cream colour.

Code	Case Colour
196391	White
196395	Cream

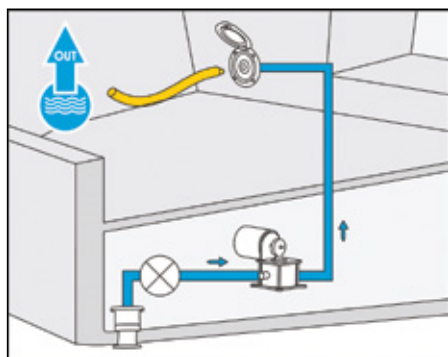


Case with Sea Water Outlet, with Lid

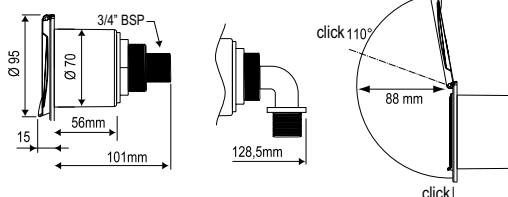
Used in conjunction with a pump and thru-hull fitting, the Sea Water Outlet produces pressure sea water on the deck (to wash the deck or rinse the fish). Also perfectly suitable for fresh water.

The complete set includes:

- An ASA housing with splash-proof ASA cover
- A female quick-coupling fitting for garden hose connection. Features a non-return valve
- Chrome brass quick coupling connectors for optimum corrosion resistance
- A locking flange
- Male 3/4" threaded connector to the boat's water system



Code	Terminal	Lid Colour
47816	Straight	White
47817	Elbow	White
47818	Straight	Chrome
47819	Elbow	Chrome



Case with Fresh Water Inlet, with Lid

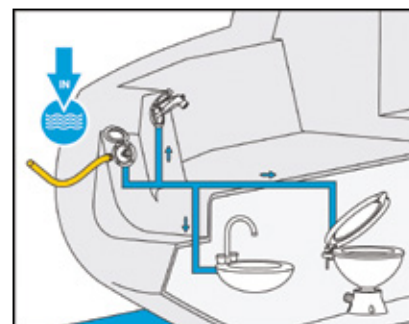
This is the perfect connection between the boat's water network and the shore water supply. It is then easy to cook or have a shower when at the dock, without using water from the tanks (Not suitable for filling the water tanks).

The complete set (47812-5) includes:

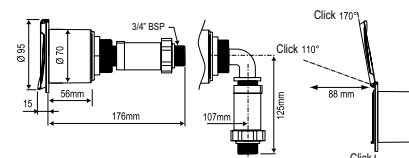
- An ASA housing with plastic splash-proof cover
- A pressure regulator which accepts up to 5 bar working pressure, compatible with most appliances and equipment on board
- A non-return valve
- A male quick-coupling fitting for garden hose connection
- Male 3/4" threaded connector to the boat's water system

The complete set (58131) includes:

- An ASA housing with plastic splash-proof cover
- A male quick-coupling fitting for garden hose connection
- Male 3/4" threaded connector to the boat's water system
- Metal pressure regulator with cloth diaphragm valve, adjustable from 1,5 to 5 bar
- Maintenance free, robust construction with silent operation (no vibration)
- Max. inlet pressure: 15 bar
- Max. temperature: 70°C
- Corrosion preventing DZR brass body
- Factory preset (4 bar at zero discharge for 3 bar working)
- Diaphragm and seals EPDM & NBR
- Slotted adjusting screw that can be turned with a flathead screwdriver
- Female 1/4" pressure gauge outlet



Code	Connector	Lid Colour	Pressure Regulator
47812	Straight	White	Plastic up to 5 Bar
47813	Elbow		
47814	Straight	Chrome	DZR brass up to 15 Bar
47815	Elbow		
58131	Elbow	White	DZR brass up to 15 Bar



Galley Pump with Tap, 12V

Code | 98096



Spare Electric Galley Pump for Tap 98096, 12V

Code | 71158



Code | 98097

Hand Galley Pump with Built-in Check Valve, 1GPM

- Chrome-plated die case top with plastic body
- Uses 3/8" hose
- Capacity: 1GPM
- Self-priming

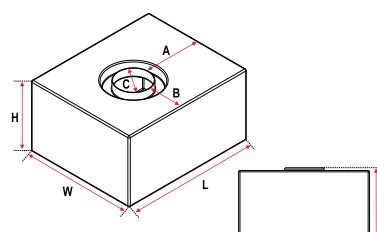
Water & Waste Tanks



Water Tank

Nuova Rade water tanks are used for saving water in sailboats or yachts. The line of horizontal fresh water tanks is produced from polyethylene material, in white colour. The line consists of a full range of 9 models complying with international standards and is used for water collection and storage. All contain a cap with seal.

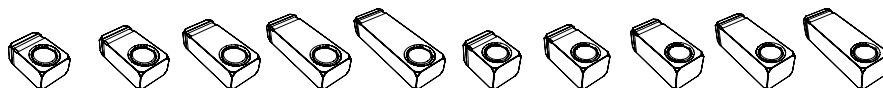
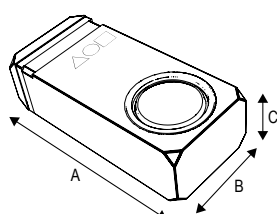
Code	Capacity (lt)	L (mm)	W (mm)	H (mm)	G (mm)	A (mm)	B (mm)	C (mm)
45359	30	560	400	140	155	325	140	120
45360	70	580	580	200	220	345	230	120
45361	48	480	400	250	265	180	140	120
45362	59	680	460	190	205	410	170	120
45363	72	680	460	230	245	410	170	120
45364	84	700	400	300	315	290	140	120
45365	85	880	480	200	215	380	180	120
45366	80	650	450	280	295	265	165	120
45367	140	1200	450	260	275	935	165	120







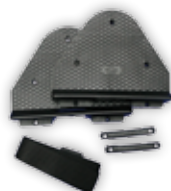
DIABLO Fixed Tank, for Fresh & Waste Water

DIABLO line of fixed tanks is made of recyclable HDPE material, consisting of a full range of 10 models complying with international standards. DIABLO can be used for either fresh or waste water. The advantage of this line of tanks is the 'EASY SWITCH' plate, which can be purchased separately based on the use of the tank, and is manually interchangeable. The hatch used for fresh water is blue and the one used for waste water is brown. It is secured and seated by rotation of the piece itself and blocked into position by means of a locking pin that prevents loosening. To clean the tank just lift the locking pin and remove the hatch by unscrewing it.



Code	197477	197478	197479	197480	197481	197482	197483	197484	197485	197486
Capacity (lt)	37	48	60	70	82	49	64	78	93	108
A - Length (mm)	500	650	800	950	1100	500	650	800	950	1100
B - Width (mm)	360	360	360	360	360	360	360	360	360	360
C - Height (mm)	230	230	230	230	230	305	305	305	305	305

	Fresh Water		Waste Water
	Sensor (optional)		
Impedance (Ohm)	0-190	240-33	240-33
 h=230mm	198296 (225mm)	198297 (225mm)	198298 (225mm)
 h=305mm	197350 (300mm)	197359 (300mm)	196911 (245mm)



Bracket for Battery Box/Fuel Tank, with Strap 1,50m

Code 43897



DIABLO Easy Switch Waste Water Plate

Waste water hatch with gasket. Complete with:
 -Connector 90°, Ø38 mm, 1½" thread
 -Connector 90°, Ø25 mm, 1½" thread
 -Set of Connectors 90°, Ø25 mm & Ø20mm, 1" thread

Code	197489	197491
For Tank Height (mm)	230	305



DIABLO Easy Switch Fresh Water Plate

Fresh water hatch with gasket. Complete with:
 - Connector 90°, Ø38 mm, 1½" thread
 - Connector 90°, Ø17 mm, 3/4" thread
 - Connector 90°, Ø13 mm, 3/4" thread

Code 197488



DIABLO Easy Switch Blind Plate, without Connectors

With gasket

Code 197490



197492, 197495, 197498, 197499



197500



197501

Code	Description	197488 Easy switch water	197489 Easy switch waste H230mm	197491 Easy switch waste H305mm
197492	DIABLO Easy Switch Connector 90°, Ø38mm, 1½" thread	1	2	2
197495	DIABLO Easy Switch Connector 90°, Ø17mm, ¾" thread	1	-	-
197498	DIABLO Easy Switch Connector 90°, Ø13mm, ¾" thread	1	-	-
197499	DIABLO Easy Switch Connector 90°, Ø25mm, 1½" thread	-	2	2
197500	DIABLO Easy Switch Set Connector 90° Ø25 & 20mm 1" thread	-	1	1
197501	DIABLO Easy Switch Internal Gasket Ø 235 x 17,5mm	1	1	1



Ercole



ERCOLE Fixed Fresh Water Tank

ERCOLE line of horizontal fresh water tanks is produced from polyethylene material in white colour. Polyethylene material is used to prevent any taste alteration of fresh water. This line consists of a full range of 9 models complying with international standards and is used for fresh-water collection and storage. All contain a water output for Ø16mm hose and a water supply input that is either threaded with a cap, either with a vertical outlet for Ø38mm hose, either with an 45°-angled outlet for Ø38mm hose. Pre-cut for tank level sensor.

Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Connector Pipe Ø (mm)	Deck Filler	Sensor (optional)	
								0 - 190 Ohm	240 - 33 Ohm
44798	With filler cap	45	500	350	300	16	Thread Ø 50mm		197358 (245mm)
44800		56	650						
44802		70	800						
50193	Without cap	45	500	350	300		Straight Ø 38mm		196911 (245mm)
50197		56	650						
50203		70	800						
50194	Without cap	45	500	350	300		45° Ø 38mm		196911 (245mm)
50198		56	650						
50204		70	800						

Sogliola

Combine with
Water delivery hose
page 301



SOGLIOLA Fixed Fresh Water Tank

SOGLIOLA line of horizontal fresh water tanks is produced from polyethylene material in white colour. Polyethylene material is used to prevent any taste alteration of fresh water. The line consists of a full range of 9 models complying with international standards and is used for fresh water collection and storage. All contain a water output for Ø16mm hose and a water supply input that is either threaded with a cap, either with a vertical outlet for Ø38mm hose, either with an 45°-angled outlet for Ø38mm hose. Pre-cut for tank level sensor.

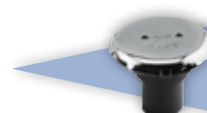
Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	Connector Pipe Ø (mm)	Deck Filler	Sensor (optional)	
								0 - 190 Ohm	240 - 33 Ohm
44833	With filler cap	45	650	350	220	16	Thread Ø 50mm		197356 (150mm)
44835		60	800						
44837		80	1100						
50207	Without cap	45	650	350	220		Straight Ø 38mm		197347 (150mm)
50212		60	800						
50216		80	1100						
50208	Without cap	45	650	350	220		45° Ø 38mm		197365 (150mm)
50213		60	800						
50217		80	1100						



Ercole - Sogliola

Code	Description
45284	A Tank Filler Cap
44467	C Fuel Pick-up Tube w/Pipe Conn. Ø8mm
50140	D Water Pick-Up Tube w/ Ø16mm Conn
44088	FGHE Set Connectors, w/Ø50mm, Straight
44089	GHI Set Connectors, w/Ø38mm, Straight
43366	E Straight Connector Ø50mm
43368	I Straight Connector Ø38mm
44090	FGHM Set of Connectors, w/Ø50mm, 90° Elbow
44091	GHN Set of Connectors, w/Ø38mm, 90° Elbow
43370	M Elbow Connector 90°, Ø50mm

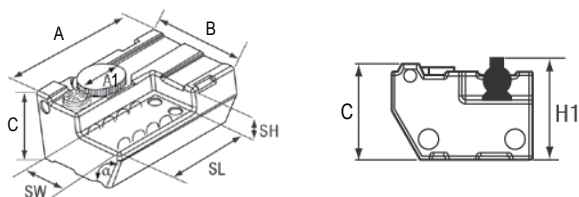
Code	Description
43374	N Elbow Connector 90°, Ø38mm
44624	F Elbow Conn. 90°, Pipe f/Fuel Return
44569	P Vent. Elbow Conn. 90°, Hose Ø16mm
44838	Q Universal Bracket with Holding Straps for Ercole, Sogliola, Diablo Tanks and Life rafts



Combine with
Deck filler
page 133-134





BORA Fixed Fresh Water Tank

BORA line of horizontal fresh water tanks is made of high-density polyethylene material, in white colour. Polyethylene material is used to prevent any taste alteration of fresh water. The line consists of a full-size range of 40L, 60L, 80L and 100L, complying with international standards and is used for fresh water collection and storage. This fresh water tank is available in two options. One option is provided with only the holding base tank alone and the other option comes with a complete set, that includes a holding tank, a self-priming pump (12V) and fittings. A large range of accessories is available, such as pump, sensor, vented loop, valve, filter and deck filler.



Bora



Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	H1 (mm)	SL (mm)	SW (mm)	SH (mm)	Hole Ø A1 (mm)	α Angle	Pump	Sensor (Optional)		
196887	Base Tank	40	545	400	270	-	350	200	80	133,5	120 ⁰	*		197358 (245mm) 240-33 Om	
196888		60	775	400	270	-	350	200	80	133,5	120 ⁰	*			
196889		80	1005	400	270	-	350	200	80	133,5	120 ⁰	*			
196890		100	1245	400	270	-	350	200	80	133,5	120 ⁰	*			
196895	Tank with Pump	40	545	400	270	300	350	200	80	133,5	120 ⁰		56082 (12 V, 8lt/min)		197349 (245mm) 0-190 Om
196896		60	775	400	270	300	350	200	80	133,5	120 ⁰				
196897		80	1005	400	270	300	350	200	80	133,5	120 ⁰				
196898		100	1245	400	270	300	350	200	80	133,5	120 ⁰				
197062		60	775	400	270	280	350	200	80	133,5	120 ⁰		53432 (12 V, 12,5lt/min)		
197063		80	1005	400	270	280	350	200	80	133,5	120 ⁰				
197064		100	1245	400	270	280	350	200	80	133,5	120 ⁰				

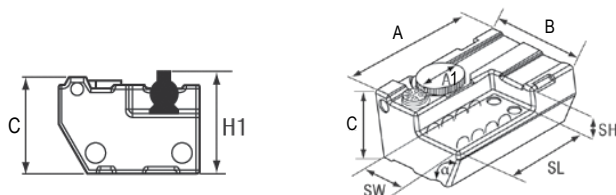
*Optional Pump 56082 (12V, 8 lt/min)




Blizzard



BLIZZARD Fixed Waste Water Tank

BLIZZARD line of horizontal waste water tanks is made of high-density polyethylene material, in brown colour. Polyethylene material is used to prevent any waste odors. The line consists of a full-size range of 40L, 60L, 80L and 100L, complying with international standards and can safely hold waste water from toilets until they can be discarded safely. This waste water tank is available in two options. One option is provided only with the holding base tank alone and the other option comes with a complete set, that includes a holding tank, a diaphragm pump (12V) and fittings. A large range of accessories is available, such as pump, sensor, vented loop, valve, filter and deck filler. Manufactured in accordance with ISO 8099.



Code	Type	Capacity (lt)	A Length (mm)	B Width (mm)	C Height (mm)	H1 (mm)	SL (mm)	SW (mm)	SH (mm)	Hole Ø A1 (mm)	α Angle	Pump	Sensor
196867	Base Tank	40	545	400	270	-	350	200	80	133,5	120 ⁰	*	**
196868		60	775	400	270	-	350	200	80	133,5	120 ⁰	*	**
196869		80	1005	400	270	-	350	200	80	133,5	120 ⁰	*	**
196870		100	1245	400	270	-	350	200	80	133,5	120 ⁰	*	**
196871	Tank with Pump and sensor	40	545	400	270	320	350	200	80	133,5	120 ⁰		
196872		60	775	400	270	320	350	200	80	133,5	120 ⁰		
196873		80	1005	400	270	320	350	200	80	133,5	120 ⁰		
196874		100	1245	400	270	320	350	200	80	133,5	120 ⁰		
196875		40	545	400	270	320	350	200	80	133,5	120 ⁰		
196876		60	775	400	270	320	350	200	80	133,5	120 ⁰		
196877		80	1005	400	270	320	350	200	80	133,5	120 ⁰		
196878		100	1245	400	270	320	350	200	80	133,5	120 ⁰		

*Optional Pump 196862 (12V, 19 lt/min) or 196861 (24V, 19 lt/min) ** Optional Sensor 196911

Zefiro

ZEFIRO Fixed Waste Water Tank

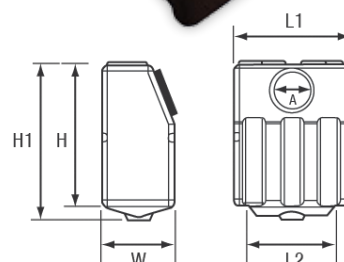
ZEFIRO line of vertical waste water tanks is made of high-density polyethylene material in brown colour. Polyethylene material is used to prevent any waste odors. These tanks are designed with a gravity discharge technology that allows easier unloading of the tank without using a pump, when installation is carried out at more than 0.5 m above the waterline. Can be mounted on a bulkhead of the boat, saving space and time. The line consists of two models with capacity of 40L and 60L, complying with international standards and can safely hold waste water from toilets until they can be discarded safely. All contain 1 inlet and 2 outlets of Ø 38 mm - G 1 1/2" and one vent of Ø 25 mm - G 3/4". They have an inspection hatch of Ø 127 mm, that can be removed for cleaning purposes. Contain a plate compatible with VDO standard senders and are compatible with diaphragm pumps and macerators (12 or 24 V). Manufactured in accordance with ISO 8099.



Code	Capacity (lt)	L1 (mm)	L2 (mm)	W (mm)	H (mm)	H1 (mm)	Hole Ø A (mm)	Sensor (Optional)
196881	40	400	302	250	493,7	540	133,5	196909
196882	60	400	302	250	703,7	750,3	133,5	196910



240-33 Ohm



Connectors



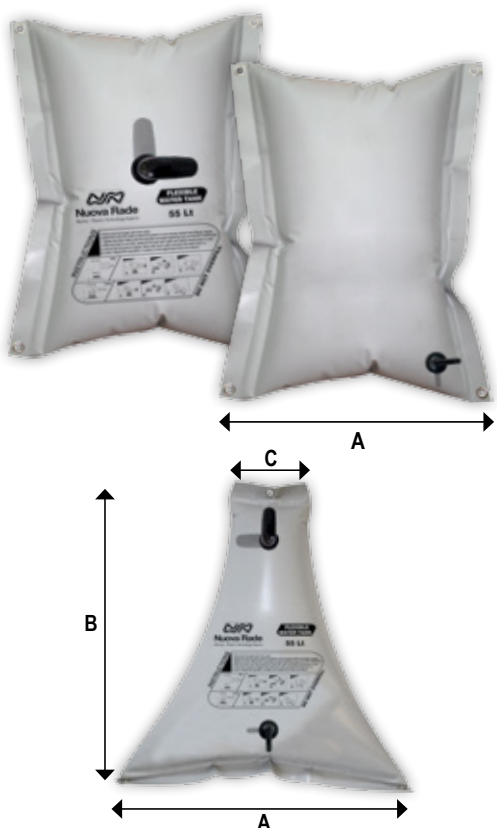
Blizzard - Bora - Zefiro

	Code	Description	Model	Ø (mm)		Code	Description	Model	Ø (mm)
A	196906	Straight	G 3/4"	16	D	196917	Straight	G 1 1/2"	38
	196904		G 3/4"	20		196902		G 1 1/2"	38
	196915		G 3/4"	25		196905		G 3/4"	20
	196914		G 1 1/4"	25		196916		G 3/4"	25
B	196913		G 1 1/4"	38	F	196918	90°	G 1 1/2"	38
	196925		G 1 1/4"	25		196901		G 1 1/2"	38




*Set of 3pcs

Flexible Water Tank

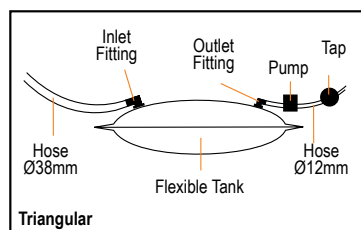
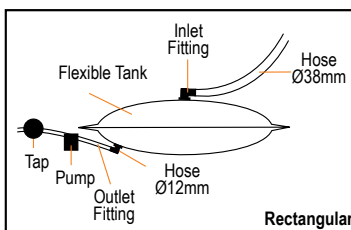
The flexible, lightweight and form-fitting water tanks are a strong, reliable, practical and low cost solution to store water on your boat when a rigid water tank is not an option. Water tanks are supplied complete, ready to install, with two welded fittings. A Ø 38 mm inlet fitting and a Ø 12 mm outlet valve with moveable thread tightening rings for maximum sealing. The tanks have metal hooks for fixing (hanging) and therefore allow for a better stability. The tanks are made of non-toxic PVC, waterproof and high-resistant material that protects them from tearing and abrasions. Intended for storage of water for general use on board, such as cleaning. Compact design allows for easy storage in your boat, car, truck, RV, garage, or home. Nuova Rade Flexible Water Tanks are available in 6 rectangular sizes as well as in 2 triangular sizes, in grey colour.






Rectangular

Code	Capacity (lt)	A (mm)	B (mm)	A Filled (mm)	B Filled (mm)	Height Filled (mm)	Outlet Fitting	Inlet Fitting	Cap
31321	55	750	740	700	715	430			
31322	75	840	740	755	690	440			
31323	100	1000	740	910	685	500			
31324	120	1250	740	1155	700	510			
31329	150	1500	740	1380	700	535			
31327	200	1700	740	1600	680	535			

* included



Triangular

Code	Capacity (lt)	A (mm)	B (mm)	C (mm)	A Filled (mm)	B Filled (mm)	Height Filled (mm)	Outlet Fitting	Inlet Fitting	Cap
31325	55	860	930	210	795	800	305			
31326	100	1140	1060	210	1105	1090	420			

* included



Inlet Elbow Fitting for Ø38mm Hose,
1 1/2" Thread Tightening Ring,
Black

Code | 72133



Outlet Elbow Fitting for Ø12mm Hose,
1 1/2" Thread Tightening Ring, Black

Code | 72134



Cap 1 1/2" Thread

Code | 197493

Water & Waste Tanks



**Water Carrier,
Flexible**

Code	99589
Capacity (lt)	20
Length (mm)	270
Width (mm)	270
Height (mm)	270



Water Shower Tank , flexible

- It is made of PVC and can heat 20L of water
- It is lightweight & small, saving you a lot of space
- It is environmental friendly, since the construction material does not contain any toxin

Code	99976
Capacity (lt)	20

Marine Toilets & Accessories

SEA TOILET Portable Toilet

The SEA TOILET Portable Toilet is suitable for interior and exterior use. It is self-contained and it does not require any external water or power connections. It consists of two separate tanks: a fresh water holding tank of 12L capacity and a waste holding tank of 10L. However, you can change the waste tank's capacity to 20L, by replacing the 10L waste tank with the 20lt waste tank (11869). The toilet is made of high-density polyethylene (HDP) with matte finish for greater resistance to scratches.

Code | 11867



The fresh water tank provides up to 50 flushes



Heavy duty, corrosion resistant side latches lock the tanks together



The double sealed drain valve protects against leakages and odours



Both waste and fresh water tanks are one-piece construction; no seams required



The detached waste holding tank (10lt or 20lt) can be easily emptied, without using any tools

**Spare Cap for the
Fresh Water Tank of the
Portable Toilet 11867**



Code | 11871

**Spare Cap for the Waste
Holding Tank of the
Portable Toilet 11867**



Code | 11872

**Spare Slide Valve
for the Spare
Tanks 11868 &
11869**



Code | 11873

**Spare Waste Holding Tank
for the Portable Toilet 11867**



Code	11868	11869
Capacity (lt)	10	20
Dimensions LxWxH (mm)	415x365x150	415x365x280

**Base for the Portable
Toilet 11867, H 125mm**



Code | 11870



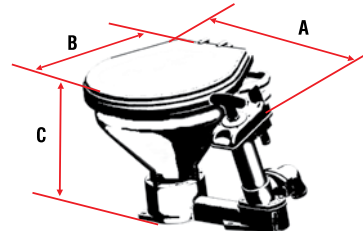
**Cleaning Fluid
for Portable
Toilet, 2L**

Code | 63447



Manual Marine Toilet LT-0 & LT-1

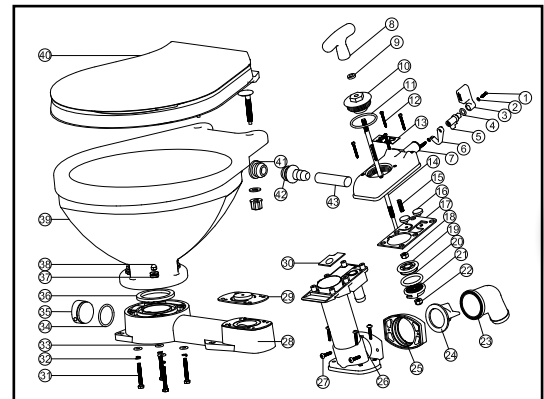
The LT-0 and LT-1 Toilets are especially designed for long term use. They are available in two sizes: compact (LT-0) and regular (LT-1). Both can be easily installed above or below the waterline. If they are installed below the waterline, it is necessary to use an anti-siphon loop to prevent water inflow into the interior. Furthermore, these toilets can be installed with the pump either at the right or the left side of the porcelain bowl. The valves have been designed for a longer and more reliable service life. The drain plug has been designed with a quick fit locking mechanism for easier and more effective drainage of the toilets. All parts are made of corrosion resistant materials.



Code	Description	Dimensions (mm)		
		A	B	C
11510	LT-0	450	420	340
11412	LT-1	485	480	340

Kits for the Marine Manual Toilets

Code	Description	Key
11451	Kit E, Base to Bowl Mounting Kit	28,31,32,33,34,35,36,37,38
11447	Kit A, Major Service Kit	4,9,10,11,16,17,20,24,29
11535	Assembled Spare Pump	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,29,30
11452	Cover Set for manual toilet LT-1	40
11519	Cover Set for manual toilet LT-0	40

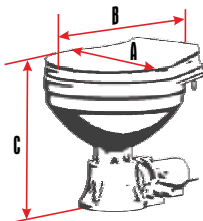


Plumbing & Ventilation



Electric Marine Toilet LT-0E & LT-1E

The Electric Toilets LT-0E and LT-1E can be supplied as either 12V or 24V and have been designed to make your life on board easier, because of their self-priming double action pumps. By just pushing the on/off switch, which can be installed anywhere in the toilet cabin, you activate the pump and while fresh water rinses in the bowl, the macerator grinds up and pumps out the waste. The LT Electric Toilets can be easily installed either above or below the waterline. Please note that when they are installed below the waterline, it is necessary to use an anti-siphon loop for preventing water inflow into the interior. Furthermore, the toilets are supplied either with a compact (LT-0E) or a regular bowl (LT-1E). Additionally, the LT toilets have been designed with a quick fit locking mechanism, which allows you to easily remove the pump's base, in order to clean the exposed waste surfaces. All parts are made of corrosion resistant materials.

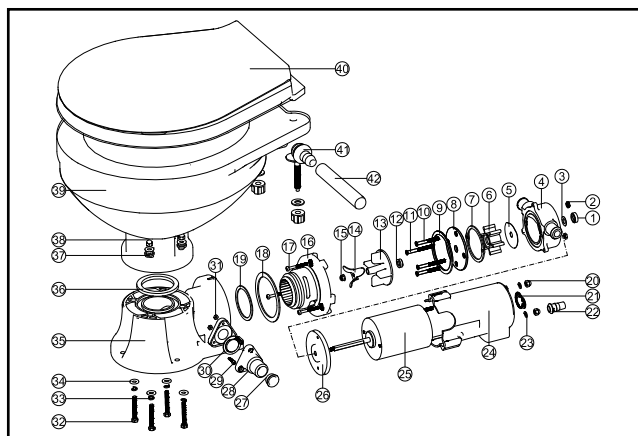


Code	Description	Rate Voltage (Volt)	Load Current (Amps)	Dimensions (mm)		
				A	B	C
11874	LT - 0E	12	12-15	325	420	375
11875		24	6-8			
11876	LT - 1E	12	12-15	365	480	385
11877		24	6-8			



You can install the pump to four different positions, relating to the bowl





Kits for the Electric Marine Toilets

Code	Description	Key
11879	Repair Kit for the Electric Toilets 24V	1-36
11878	Repair Kit for the Electric Toilets 12V	1-36
new 198301	Consumables Repair Kit for Electric Toilets	1,3,6,7,9,12,18,19,30,36 & 41
74304	Plastic Base for the Electric Toilets with Spare Parts	27 to 31 & 35 to 36
11519	Cover Set for manual toilet LT-0E	40
11452	Cover Set for manual toilet LT-1E	40



Repair Kit for the Electric Toilets (12V)

Code | 94541



Cover Set for LT Toilets

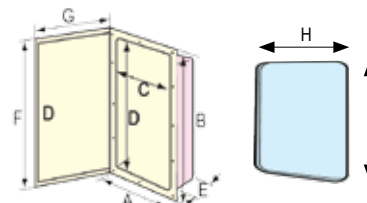
Code	For Toilet		Material
11519	LT-0	LT-0E	MDF
11452	LT-1	LT-1E	PP

Case for Toilet Paper with Door

High quality Case for Toilet Paper with Door, ideal for every sailboat's or yacht's toilet. Available in dimensions of 160 x 160mm and in white colour, this case can cover the needs of boats of any size. It is made of white ASA plastic in order to provide resistance to damage and chemical solvents. Designed for internal use. It is ideal for storing your toilet paper, using its holder (195258). Contains a 180° opening door. This case is mounted with hidden screws for discrete appearance.

Code | 195263

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
160	160	118	128	118	167	162	125	135



Holder for Toilet Paper

High quality Holder for Toilet paper, ideal for installation next to your boat's toilet. Made of UV-resistant ASA plastic, it provides resistance to damage and chemical solvents. Available in white colour. To be used combined with the the Case for Toilet Paper with Door (195263).



Code | 195258

Electric Toilet Flush Switch Mon-Off, 12V/24V



- Rocker switch with Mon-Off function (automatically returns to OFF from flush position)
- Dual (12/24V) voltage rating: DC 12V 20A/24V 10A
- Dimensions: length 114mm, width 54mm
- Mounting dimensions: length 103mm, width 43mm, depth 75mm
- IP66
- Circuit protection: resettable circuit breaker 20A

Code | 73021

Anti-vent Loop Connection

An anti-vent loop connection is required when the toilet installation is below the waterline. This prevents water inflow into the interior. The anti-vent loop connection is made of ABS and is available in two different sizes.

Code	External Diameter (cm)
90184	1,9
90185	3,8



Spare Disinfectant Tablets for "DSRU" Marine & Pine (2 Tablets)

Code | 11866

Disinfect Sanitizing Release Unit "DSRU"

The DSRU is a unit that keeps your toilet bowl clean and free from limescale. The unit should be attached to the pipe, where water flows from the flush pump to the toilet. As water is pumped towards the bowl, it sucks a quantity of the disinfectant inhibiting limescale. It also colours the water (green or blue) and deodorizes. Each unit is supplied with two tablets, 'Marine' (blue) and 'Pine' (green) scent respectively. The tablets are also sold separately, but the DSRU is designed to fit any tablet in the market smaller than 30 x 30 x 40mm.

The DSRU is very easy to install, requires minimum maintenance and has a discreet and compact design.



Code | 11865



Water & Waste Hoses



Code	Internal Diameter
99485	13mm, 1/2"
99486	16mm, 5/8"
99487	19mm, 3/4"

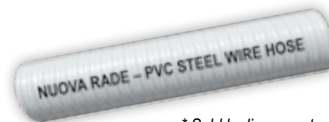
Liquid Discharge-Water Delivery Hose PVC, White, Fiber Reinforced



* Sold by linear meter

Code	Internal Diameter
98566	13mm, 1/2"
97879	15mm, 5/8"
99484	19mm, 3/4"
97880	25mm, 1"
99483	32mm, 1 1/4"
98565	38mm, 1 1/2"

Liquid Discharge-Water Delivery Hose PVC, White, Steel Wire Reinforced



* Sold by linear meter

Nozzle and Pistol Grip with Male Quick Connector



Code | 198132

Male Quick Connectors



41463

41464

41465

Code	Description
41463	Male quick connector with 3/4" female thread
41464	Male quick connector with 1/2" female thread
41465	Male quick connector with hose grip Ø20 (1/2")

Female Quick Connectors



198129

198130

198131

Code	Description
198129	Female quick connector with 3/4" female thread
198130	Female quick connector with 1/2" female thread
198131	Female quick connector with hose grip Ø20 (1/2") and "stop" valve



Water & Waste Hoses



**Marine Wet Exhaust Hose
SCAMO/SP/CAJ, Rubber**

Code	Internal Diameter
97615	38mm, 1 1/2"
97616	45mm, 1 3/4"
97617	51mm, 2"
97618	60mm, 2 3/8"
97619	76mm, 3"

* Sold by linear meter



**Pleasure Boat Sanitary Hose
ALIMPOMP/SAN, PVC**

Code	Diameter	
	Internal	External
99016	20mm, 25/32"	27mm
99017	25mm, 1"	33mm
99018	38mm, 1 1/2"	48mm

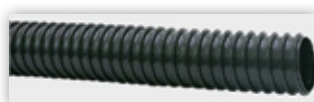
* Sold by linear meter



**Pleasure Boat Sanitary Hose
SANIPOMP/EXTRA**

Code	Diameter (mm)	
	Internal	External
99489	19	29
99490	25	35
99491	38	48

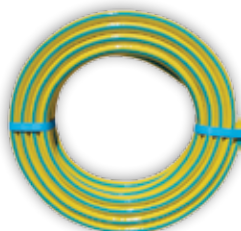
* Sold by linear meter



**Liquid Discharge and Water Delivery
Hose, PVC, with Internal Spiral, Airflex/N**

Code	Internal Diameter
71954	25mm (1")

* Sold by linear meter



**Water Hose, General Use, 25m,
Internal Thread 15mm (5/8")**

Code	73600
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**Set of Hose Adaptors, Threaded
15mm (5/8"), Male & Female**

Code	73601
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Hose Clamps

Heavy-Duty Hose Clamp, Inox 316

Nuova Rade hose clamps are designed for heavy-duty secure hose connections, such as with exhaust hoses. They are made of Inox 316 for the ultimate resistance to corrosion. They also feature smooth imperforated band surface and rolled edges, so as to prevent hose damage. Available in various sizes, with band spreads from 3 to 8 mm.

	DIN	AISI/AS	BS	AFNOR NF	SUS
Hose clamps	1.4401	316	316S16	Z6CND17.12	316
Screw	1.4401	316	316S16	Z6CND17.12	316

**INOX
316**



INOX 316	Code	10283	10284	10285	10286	10287	10288	10289	10290	10291	10292	10293	10294	10295	10296	10297	10298	10299
	Width(mm)	20	22	22	22	22	22	22	24	24	24	24	24	24	24	24	24	26
	Diameter(mm)	40-43	44-47	47-50	52-55	56-59	60-63	64-67	68-73	74-79	80-85	86-91	92-97	98-103	104-112	113-121	122-130	131-139

Hose Clamp, Inox 316 & 304

Nuova Rade hose clamps are especially designed for marine use, with band, housing and screw all fully made of Inox for extra resistance to corrosion. They feature fixed housing and beveled edges, whereas the complete smoothness of the internal surface will definitely protect from any kind of hose damage. Nuova Rade hose clamps are available in various sizes with band spreads from 8mm to 20mm.

	DIN	AISI/AS	BS	AFNOR NF	SUS		DIN	AISI/AS	BS	AFNOR NF	SUS
Hose clamps	1.4401	316	316S16	Z6CND17.12	316	Hose clamps	1.4301	304	304S15	Z6CN18.09	304
Screw	1.4401	316	316S16	Z6CND17.12	316	Screw	1.4301	304	304S15	Z6CN18.09	304

INOX 316	Code	11113	11115	11117	11119	11121	11123	11125	11127	11130
	Width(mm)	9				12				
	Diameter(mm)	8-16	16-25	25-40	20-32	32-50	50-70	70-90	90-110	120-140

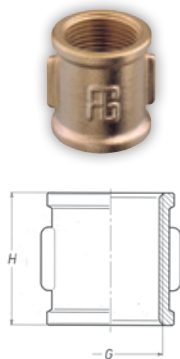
**INOX
316**

INOX 304	Code	11479	11481	11483	11484	11486	11489	11490
	Width(mm)	9				12		
	Diameter(mm)	8-16	16-25	25-40	16-27	25-40	50-70	60-80

**INOX
304**

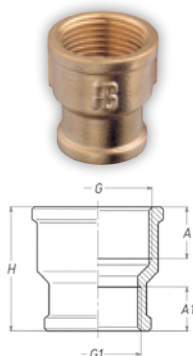


Straight Coupling, BSPP, Brass



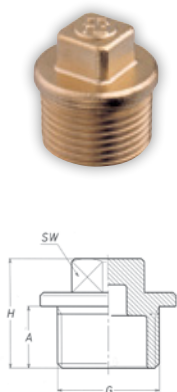
Code	Weight(gr)	H	G
90144	25	27	1/4"
90145	40	30	3/8"
90146	63	32	1/2"
90147	83	35	3/4"
90148	140	43	1"
90149	200	47	1 1/4"
90150	250	52	1 1/2"

Straight Reducing Coupling, F-F, BSPP, Brass



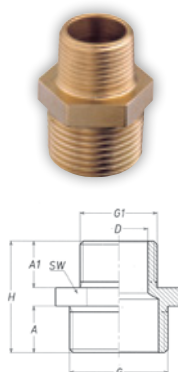
Code	Weight(gr)	H	A1	A	G1	G
96181	27	26	10	12	1/8"	3/8"
96182	27	26	11	12	1/4"	3/8"
96183	42	31	11	12	1/4"	1/2"
90097	44	31	12	12	3/8"	1/2"
96184	70	36	13	15	3/8"	3/4"
90099	78	36	13	15	1/2"	3/4"
90100	105	42	15	19	1/2"	1"
90101	115	42	16	19	3/4"	1"

Male Plug, BSPT, Brass



Code	Weight(gr)	SW	H	A	G
96202	10	8	20	9	1/8"
96203	13	8	21	10	1/4"
96204	20	10	22	11	3/8"
96205	35	11	25	12	1/2"
96206	65	17	30	15	3/4"
96207	120	19	35	20	1"
96208	160	22	37	21	1 1/4"
96209	200	22	40	24	1 1/2"
96210	310	27	44	26	2"

Reducing Male Nipple, BSPT, Brass



Code	Weight (gr)	SW	D	H	A1	A	G1	G
96190	18	16	6	28	11	12	1/8"	1/4"
96191	30	19	8,5	33	13	14	1/4"	3/8"
96192	40	23	12	35	14	15	3/8"	1/2"
96193	65	28	16	42	16	18	1/2"	3/4"
96194	105	35	16	44	16	20	1/2"	1"
96195	115	35	20	46	18	20	3/4"	1"
96196	180	48	26	49	20	22	1"	1 1/4"
96197	255	54	34	55	22	24	1 1/4"	1 1/2"
96198	400	67	39	58	24	25	1 1/2"	2"

Elbow 90°, F-F, BSPP, Brass



Code	Weight(gr)	H	A	G
96176	30	20	10	1/8"
90049	45	22	11	1/4"
90050	50	23	12	3/8"
90051	90	28	14	1/2"
90052	120	33	15	3/4"
90053	225	39	18	1"
90054	290	44	19	1 1/4"
90055	325	46	19	1 1/2"
90056	550	56	23	2"

Elbow 90°, M-F, Brass

Male BSPP & Female BSPT



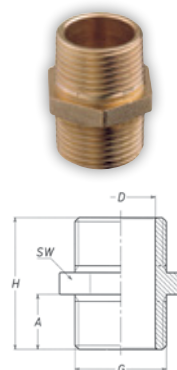
Code	Weight(gr)	L	H	A1	A	G-G1
96177	25	23	20	8	10	1/8"
90062	45	28	22	11	11	1/4"
90063	55	29	23	11	12	3/8"
90064	90	36	29	13	14	1/2"
90065	140	40	32	15	15	3/4"
90066	260	48	38	18	18	1"
90067	325	60	43	22	21	1 1/4"
90068	425	63	46	23	21	1 1/2"
90069	625	70	56	23	23	2"

Bend, Male Type, BSPP, with Hose Connector, Brass



Code	Weight(gr)	SW	L	H	A	P	G-G1
90073	50	19	38	30	10	15	3/8"
90074	83	23	41	32	12	20	1/2"
90075	130	30	43	40	12	25	3/4"
90076	185	35	51	45	13	30	1"

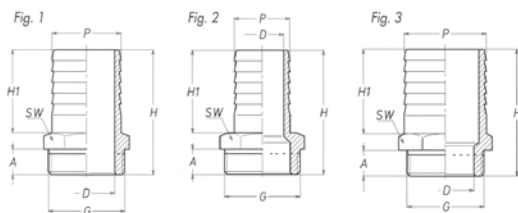
Male Nipple, BSPT, Brass



Code	Weight(gr)	SW	D	H	A	G
90155	20	16	8,5	29	12	1/4"
90156	30	19	12	35	14	3/8"
90157	45	23	16	40	16	1/2"
90158	80	28	20	44	18	3/4"
90159	130	38	26	47	20	1"
90160	190	48	34	50	21	1 1/4"
90161	260	54	40	57	24	1 1/2"
90162	410	67	51	61	25	2"

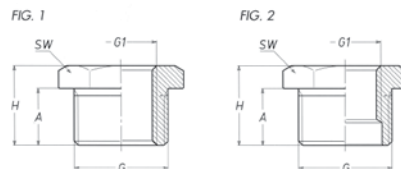


**Male Hose Connector
"Extra", BSPP,
Brass**



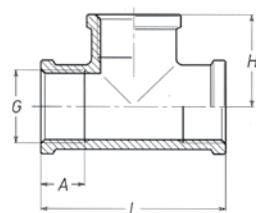
Code	Fig.	Weight(gr)	SW	H	H1	A	D	P	G
96341	2	275	53	74	48	16	39	45	1 1/2"
90218	3	300	53	74	48	16	40	50	1 1/2"
96311	2	14	16	32	17	8	6	8	1/4"
96312	2	19	16	40	254	9	7	10	1/4"
96313	1	20	16	40	24	9	8,5	12	1/4"
96315	2	25	19	42	25	10	7	10	3/8"
96316	2	28	19	42	25	10	9	13	3/8"
96317	2	30	19	42	25	10	11	15	3/8"
96318	2	32	23	44	25	12	7	10	1/2"
96319	2	40	23	50	31	12	8,5	12	1/2"
96320	2	44	23	50	31	12	10	14	1/2"
96321	2	46	23	50	31	12	12	16	1/2"
90191	2	48	23	50	31	12	15	19	1/2"
90192	1	50	23	50	31	12	16	20	1/2"
96322	1	65	23	50	31	12	16	22	1/2"
96323	2	50	30	43	24	12	10	13	3/4"
96324	2	65	30	50	31	12	12	16	3/4"
96325	2	80	30	55	35	12	14	19	3/4"
96326	2	85	30	55	35	12	15	20	3/4"
96327	2	86	30	55	35	12	17	22	3/4"
90199	1	100	30	56	37	12	19	25	3/4"
96328	3	95	28	55	37	12	19	28	3/4"
96329	2	115	36	57	35	13	15	20	1"
90202	2	130	36	59	37	12	19	25	1"
96330	2	130	35	58	37	12	22	28	1"
96331	1	130	36	59	37	12	24	30	1"
90205	3	140	36	62	41	12	25	32	1"
96333	2	175	45	65	42	14	24	30	1 1/4"
96336	2	182	45	65	42	14	32	38	1 1/4"
90212	1	195	45	65	42	14	34	40	1 1/4"
96340	2	265	53	74	48	16	34	40	1 1/2"

Straight Reducer, M-F, BSPT, Brass



Code	Fig.	Weight(gr)	SW	H	A	G	G1
96185	1	10	16	16	11	1/4"	1/8"
96186	2	20	19	17	12	3/8"	1/8"
90110	1	15	19	17	12	3/8"	1/4"
90111	2	35	23	20	14	1/2"	3/8"
96187	1	25	23	20	14	1/2"	3/8"
90114	2	60	28	22	16	3/4"	1/4"
96189	2	52	28	22	16	3/4"	3/8"
90116	1	40	28	22	16	3/4"	1/2"
90117	2	100	35	25	18	1"	3/8"
90118	2	93	35	25	18	1"	1/2"
90119	1	73	35	25	18	1"	3/4"
90120	2	108	48	29	21	1 1/4"	3/4"
90121	2	140	48	29	21	1 1/4"	1"
90122	2	285	54	33	24	1 1/2"	3/4"
90123	2	240	54	33	24	1 1/2"	1"
90124	1	165	54	33	24	1 1/2"	1 1/4"
90125	2	400	67	35	25	2"	1 1/4"
90126	2	330	67	35	25	2"	1 1/2"

"TEE" Fitting, BSPP, Brass

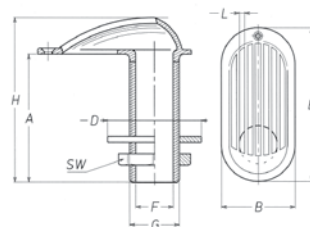


Code	Weight(gr)	L	H	A	G
90079	60	42	21	11	1/4"
90080	100	47	24	12	3/8"
90081	110	49	25	13	1/2"
90082	180	60	30	15	3/4"
90083	260	70	35	18	1"
90084	390	85	43	19	1 1/4"
90085	580	96	18	22	1 1/2"

Grated Water Intake, BSPP, Brass



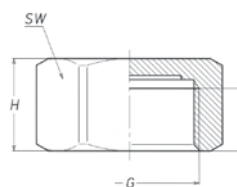
Code	Weight(gr)	SW	H	A	F	D	L	E	B	G
90254	240	23	94	71	11	33	2,5	81	45	3/8"
90255	330	26	103	76	14	38	2,5	89	52	1/2"
90256	480	32	102	76	19	48	3	106	59	3/4"
90257	560	38	104	76	25	55	3	118	60	1"
90258	810	49	118	89	32	64	3	123	65	1 1/4"
90259	965	56	119	88	37	72	3	134	72	1 1/2"
90260	1510	68	136	99	48	88	3	160	85	2"



Female Plug, BSPP, Brass



Code	Weight(gr)	SW	H	A	G
96211	10	13	13	10	1/8"
96212	17	17	15	11	1/4"
96213	25	20	16	11	3/8"
96214	40	25	17	13	1/2"
96215	75	32	21	15	3/4"
96216	105	39	21	15	1"
96217	108	48	25	19	1 1/4"
96218	207	53	26	21	1 1/2"
96219	340	66	30	24	2"



Thru-Hulls



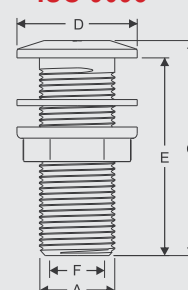
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Thru-Hull Fitting with Washer, ISO

Code	Colour	Thread Ø A (inch)*	Overall Length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Washer Material	Optional Plug
198216	White	3/4"	81	47	75	16	Glass Reinforced PA	PA	-
198217	White	1"	87	52	80	23	Glass Reinforced PA	PA	45309 or 45306
198219	White	1 1/4"	98	62	90	30	Glass Reinforced PA	PA	-
198220	White	1 1/2"	98	75	90	36	Glass Reinforced PA	PA	45307
198222	White	2"	110	90	100	45	Glass Reinforced PA	-	-



ISO 9093



Plumbing & Ventilation

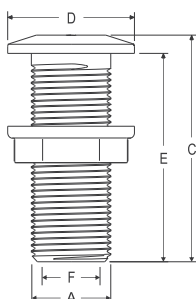


Combine with
Polyurethanes
page 402



Thru-Hull Fitting

Code	Colour	Thread Ø A (inch)*	Overall Length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Optional Plug
44737	White	1/2"	74	40	66	15	PA	-
14186	White	3/4"	77	44	70	19	PA	-
44740	White	3/4"	81	47	75	16	PA	-
44743	White	1"	87	52	80	23	PA	45309 or 45306
198218	White	1 1/4"	98	62	90	30	PA	-
44746	White	1 1/2"	98	75	90	36	PA	45307
198221	White	2"	110	90	100	45	PA	-

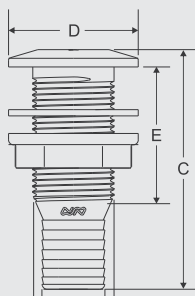




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Thru-Hull Fitting with Washer and Hose Barb, ISO





ISO 9093

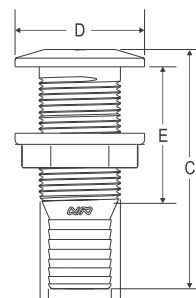




Code	Colour	Thread Ø A (inch)*	Hose Ø B (mm)	Overall Length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Washer Material	Optional Plug
198225	White	3/4"	19	88	47	45	Glass Reinforced PA	PA	-
198226	White	1"	25	97	52	52	Glass Reinforced PA	PA	 45309
198228	White	1 1/4"	32	107	62	53	Glass Reinforced PA	PA	-
198229	White	1 1/2"	38	107	75	53	Glass Reinforced PA	PA	 45307
198231	White	2"	51	120	90	65	Glass Reinforced PA	-	-

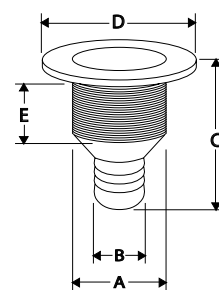
Thru-Hull with Flush Flange and Hose Barb



Code	Colour	Thread Ø A (inch)*	Hose Ø B (mm)	Overall Length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional Plug
44696	White	5/8"	15	75	43	40	PA	-
198223	White	1/2"	14	85	40	39	PA	-
44705	White	3/4"	19	88	47	45	PA	-
44714	White	1"	25	97	52	52	PA	 45309
198227	White	1 1/4"	32	107	62	53	PA	-
44729	White	1 1/2"	32	102	76	55	PA	-
44735	White	1 1/2"	32	102	76	65	PA	-
44723	White	1 1/2"	38	107	75	53	PA	 45307
198230	White	2"	51	120	90	65	PA	-

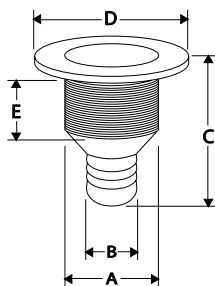







Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Non-Return Valve
31351	Black	1 7/8"	39	93	72	50	PP	 45312	 197023



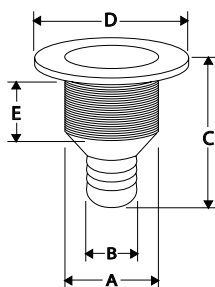
*According to BSP thread dimensions





Thru-Hull with Flush Flange and Hose Barb



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Non-Return Valve
10250	White	1"	19	81	45	36	PP		-
10251	White	1"	25	81	45	36	PP		
10252	White	1 1/2"	32	98	73	50	PP		
10253	White	1 1/2"	42	93	73	48	PP		
10256**	White	1 1/2"	32	93	73	50	PP	-	-
10257**	White	1 1/2"	42	93	73	48	PP	-	-

** with non-return valve



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Non-Return Valve
70597	Chrome	1"	19	82	45	36	PP		-
70598	Chrome	1"	25	82	45	36	PP		
70600	Chrome	1 1/2"	42	94	74	50	PP		
70603*	Chrome	1 1/2"	42	94	74	50	PP		-

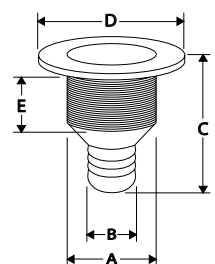
** with non return valve


Chrome plated with
plastic nut

Plumbing & Ventilation



Thru-Hull Easy Mount Threaded with Hose Barb



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug
23669	White	3/4"	21	89	45	39	PA	-
39473	White	7/8" (30mm)	25	80	53	39	PA	
23671	White	1 1/4"	28/35	125	61	45	PA	
16710	White	1 1/2"	38 or 1 1/4" seacock	121	70	50	PA	-



23671





23669
39473

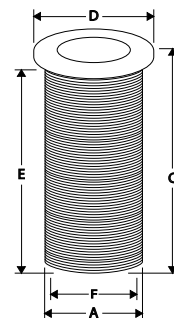
16710

*According to BSP thread dimensions

Thru-Hull Threaded with Standard Flange



Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø (F) (mm)	Material	Optional plug	Optional Non-Return Valve
198067	Black	3/4" (25mm)	153	39	148	15	PA	-	-
195527	White	3/4" (25mm)	153	39	148	15		-	-
43499	Black	7/8" (30mm)	155	39	150	22			
43497	White	7/8" (30mm)	155	39	150	22			
43498	Grey	7/8" (30mm)	155	39	150	22			
47756	Cream	7/8" (30mm)	155	39	150	22			
43491	Black	7/8" (30mm)	62	39	58	22			
43489	White	7/8" (30mm)	62	39	58	22			
47755	Cream	7/8" (30mm)	62	39	58	22			
43490	Grey	7/8" (30mm)	62	39	58	22			
43537**	Black	1" (33mm)	155	39	150	25			
43535**	White	1" (33mm)	155	39	150	25			
43536**	Grey	1" (33mm)	155	39	150	25			
43529**	Black	1" (33mm)	62	40	57	25			
43527**	White	1" (33mm)	62	40	58	25			
43528**	Grey	1" (33mm)	62	40	58	25			
47758**	Cream	1" (33mm)	62	40	58	25			
196073**	Black	1" (33mm)	76	42	70	25			
47122**	White	1" (33mm)	76	42	70	25			








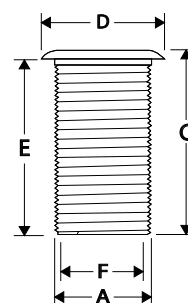
**Meets the EN ISO 11812:2001-7, 4 standard








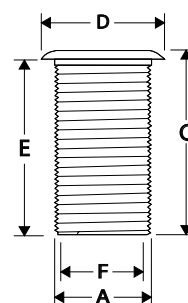
Combine with
Polyurethanes
page 402



Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Optional plug	Optional Valve	Optional Elbow
197211	White	1"	87	50	82	24	PA	-	-	-
196995	White	1 1/2"	62	64	54	39	PA			
197003	White	1 1/2"	92	64	84	40	PA			
197017	White	2"	117	72	110	48	PA			
197011	White	2"	72	72	65	48	PA	-		

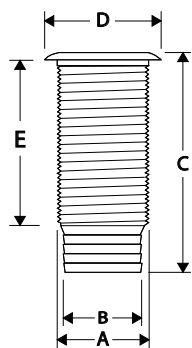










Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Optional plug	Optional Valve	Optional Elbow
197213	Inox 316	1"	87	50	82	24	PA	-	-	-
196999	Inox 316	1 1/2"	62	64	54	39	PA			
197007	Inox 316	1 1/2"	92	64	84	40	PA			
197014	Inox 316	2"	72	72	65	48	PA			
197020	Inox 316	2"	118	72	72	48	PA	-		



*According to BSP thread dimensions

Thru-Hull Threaded with Hose Barb



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Valve
196997	White	1 1/2"	38	87	64	56	PA		
197005	White	1 1/2"	38	117	63	86	PA		
196998	White	1 1/2"	45	86	63	58	PA		
197006	White	1 1/2"	45	117	63	86	PA		
197012	White	2"	51	122	72	55	PA	-	
197018	White	2"	51	167	72	100	PA		
197013	White	2"	55	121	72	55	PA		
197019	White	2"	55	167	72	100	PA		
197218	Inox 316	3/4"	19	82	40	43	PA		
197001	Inox 316	1 1/2"	38	87	64	56	PA		
197002	Inox 316	1 1/2"	45	87	64	56	PA		
197009	Inox 316	1 1/2"	38	117	64	86	PA		
197010	Inox 316	1 1/2"	45	117	64	85	PA	-	
197015	Inox 316	2"	51	122	72	56	PA		
197021	Inox 316	2"	51	167	72	100	PA		
197016	Inox 316	2"	55	122	72	55	PA		
197022	Inox 316	2"	55	167	72	100	PA		



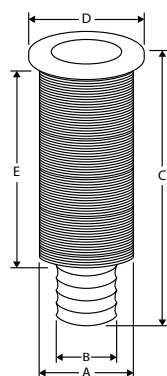
Combine with
Polyurethanes
page 402





Plumbing & Ventilation



Thru-Hull Threaded with Standard Flange and Hose Barb



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug
43508	White	7/8" (30mm)	25	100	40	70	PA	
43509	Grey	7/8" (30mm)	25	100	40	70		
47757	Cream	7/8" (30mm)	25	100	40	70		
43510	Black	7/8" (30mm)	25	100	40	70		
43543	White	1"	30	100	42	70		
43544	Grey	1"	30	100	42	70		
43545	Black	1"	30	100	42	70	PP	
95793	White	7/8" (30mm)	25	126	40	92		





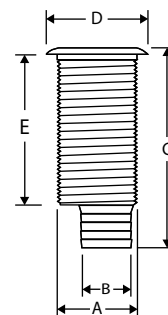
95793

*According to BSP thread dimensions

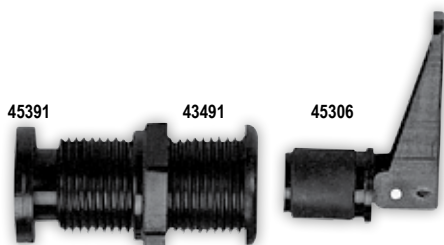
Thru-Hull Threaded with Displaced Hose Bard



Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall Length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Material	Optional plug	Optional Valve
196996	White	1 1/2"	31	87	64	57	PA		
197004	White	1 1/2"	31	117	64	86	PA		
197000	Inox 316	1 1/2"	31	87	64	57	PA		
197008	Inox 316	1 1/2"	31	117	64	86	PA		



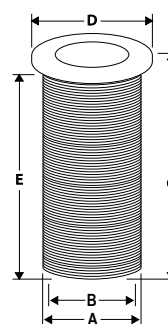
Thru-Hull Kit



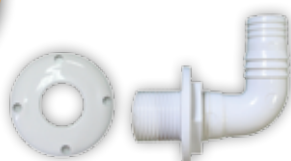
Complete set including :

- A 7/8" (30mm) thru-hull fitting with threaded end (45391).
- A black expanding plug (45306).
- An outlet with non-return valve (45391).

Code	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)
44092	7/8" (30mm)	22,7	62	39	58



Thru-Hull Elbow 90°



With Chrome
plated cap

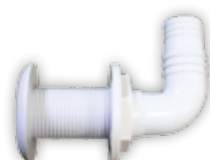
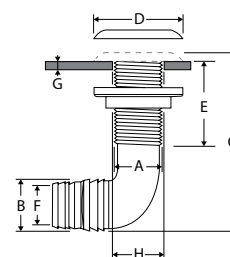


Elbow thru-hulls are the answer to the most common plumbing issues:

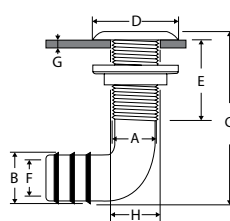
- Allow major room saving, as they can be used with a hose running along the hull.
- Avoid making a bend in the hose, which can sometimes be a source of leak or breakage.
- Require a simplified installation process inside the hull, carried out by one person only.

You can hold it firmly with one hand, while screwing with the other hand.

Code	Colour	Thread Diameter Ø A (mm)	Hose Ø B (mm)	Int. Ø F (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Overall length C (mm)	Cut-out Ø H regardless of hull thickness G (mm)	Material
10254	White	30,7	24,5	20,5	60	46	105	Ø 32mm	PP
70601	White	30,7	24,5	20,5	60	46	105	Ø 32mm	PP



Code	Colour	Thread Diameter Ø A (mm)	Hose Ø B (mm)	Int. Ø F (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Overall length C (mm)	Cut-out Ø H regardless of hull thickness G (mm)	Material
10255	White	31	24	20,5	59	55	110	Hull thicken. <20mm Ø 33mm	PP

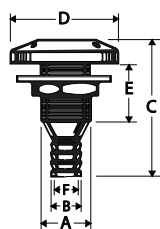


Code	Colour	Thread Diameter Ø A (mm)	Hose Ø B (mm)	Int. Ø F (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Overall length C (mm)	Cut-out Ø H regardless of hull thickness G (mm)	Material
39548	White	26,3	20,8	14,7	45	40	84	Hull thicken. < 20mm Ø 28mm	PA
39549	White	30,3	26,2	19	53	40	90,5	Hull thicken. < 20mm Ø 33mm	PA
39550	White	48	39	31,7	70	45	114	Hull thicken. < 20mm Ø 50mm	PA

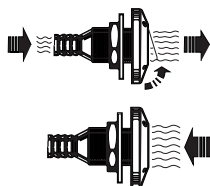
*According to BSP thread dimensions



Thru-Hull Threaded with Non-Return Valve



Code	Colour	Thread Diameter Ø A (mm)	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material
43251	White	55	-	116	75	-	41	PA
43248	White	55	45	116	75	78	37	PA
43253	White	55	50	116	75	60	41	PA



43248



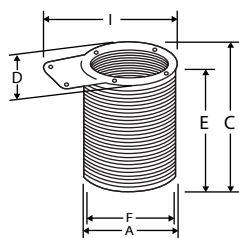
43253



43251



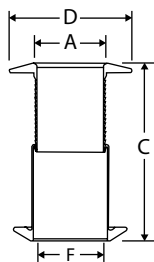
Thru-Hull with Non-Return Valve



Code	Colour	Thread Diameter Ø A (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Max Length Of Lid I (mm)	Material	Features
43242	Black	68	107	81	94	61	106	PA	With non return valve



Thru-Hull Telescopic



Code	Colour	Thread Diameter Ø A (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material	Features
44763	White	51	65-215	80	50-200	40	PA	With non return valve

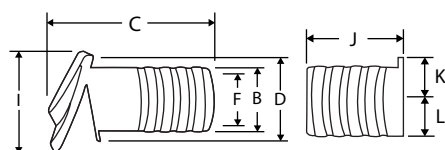


Code	Colour	Thread Diameter Ø A (inch)*	Overall length C (mm)	Flush Flange Ø D (mm)	Int. Ø F (mm)	Material
10258	White	1 1/4"	28-44	57	30	PP
10259	White	1 1/4"	48-75	54	30	PP



Thru-Hull System with Flap

Code	Colour	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Max Length Of Lid I (mm)	Second Part			Material
								J (mm)	K (mm)	L (mm)	
47088	White	79	170	107	150	70	130	103	55	45	PA



**Drain
Socket Cap**

Code | 49672



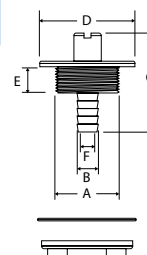
*According to BSP thread dimensions

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Thru-Hull Outlet

Code	Colour	Thread Diameter Ø A (inch)*	Hose Ø B (mm)	Overall length C (mm)	Flush Flange Ø D (mm)	Thread Length E (mm)	Int. Ø F (mm)	Material
31352	Black	1 1/2"	16	75	71	20	12	PA



Code | 198091



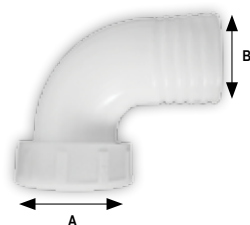
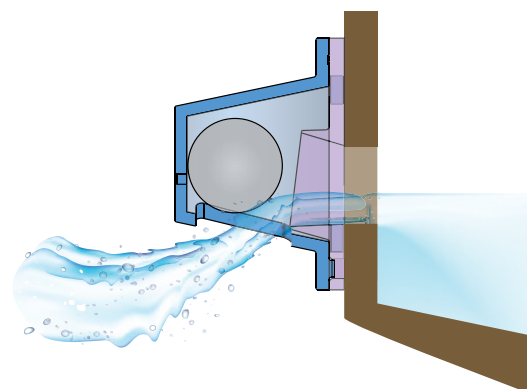
Code | 198092

Ball Scupper Drain Valve, 72mm

- Automatically seals and drains a self-bailing deck
 - Reduced noise
 - To be mounted above waterline
 - Designed to retrofit codes
 - Same drill pattern to codes 43248, 43251, 43253, 44763
- Fits Hole:** up to Ø40mm (Ø1.5")
Dimensions: Ø72mm x H 48mm (Ø2.8" x H 1.9")

Ball Scupper Drain Valve, 114mm

- Automatically seals and drains a self-bailing deck
 - Reduced noise
 - To be mounted above waterline.
- Fits Hole:** up to Ø75mm (Ø3")
Dimensions: Ø114" x H 74" (Ø4.5" x H 2.9")



Thru-Hull 90°, Female Connector, White

Code	Locking Nut Thread A (inch)	Hose Ø B (mm)
197065	1 1/2"	40
197061	2"	50



Code | 72133

Inlet Elbow Fitting for Ø38mm Hose, 1 1/2" Thread Tightening Ring, Black



Code | 72134

Outlet Elbow Fitting for Ø12mm Hose, 1 1/2" Thread Tightening Ring, Black

Connectors



	Code	Description	Model	Ø (mm)
A	196906	Straight	G 3/4"	16
	196904		G 3/4"	20
	196915		G 3/4"	25
B	196914		G 1 1/4"	25
	196913		G 1 1/4"	38
C	196925		G 1 1/2"	25

	Code	Description	Model	Ø (mm)
D	196917	Straight	G 1 1/2"	38
E*	196902		G 1 1/2"	38
F	196905	90°	G 3/4"	20
	196916		G 3/4"	25
G	196918		G 1 1/2"	38
H*	196901		G 1 1/2"	38

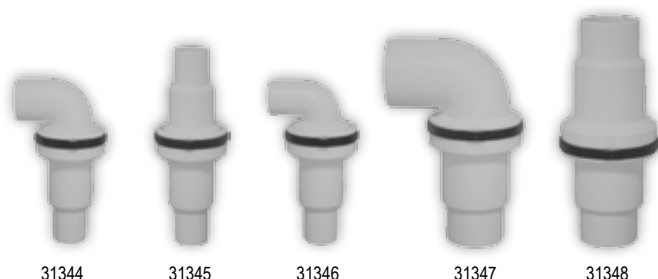
*Set of 3pcs

*According to BSP thread dimensions



Non-Return Valves

The non-return valves are ideal for use in hydraulic installations. They feature a quick release clip, allowing you to service them easily and quickly. They are available as inline units or with a 90° curve. Their outlet connection allows the use of either a Ø ¾ - 1" or a 1 ¼ - 1 ½" hose.



Code	31344	31345	31346	31347	31348
Hose Outlet	1"	¾" - 1"	¾"	1½"	1½" - 1¼"
Hose Inlet	¾" - 1"	¾" - 1"	¾" - 1"	1½" - 1¼"	1½" - 1¼"
Angle	90°	Inline	90°	90°	Inline

Non-Return Valve



Code	Diameter (mm / inch)
197023	Ø 40 / 1 ½"
197024	Ø 50 / 2"

Spare Parts Kit for Non-Return Valve

External Ø 7,6mm, Internal flange Ø 7cm



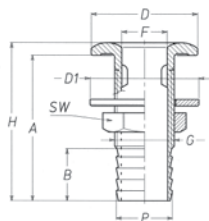
Code	44093
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Code	Description
43500	Drain Plug with Non-return Valve for Inflatable Boat, Ø35mm, Black
45310	Drain Plug Rubber, Ø35mm, Black
45307	Expanding Drain Plug, Ø35mm, Black
45312	Expanding Drain Plug, Ø40mm, Black
44230	Spare Part for Non-return Valve, Rubber

Code	Description
45306	Expanding Drain Plug, Ø22mm, Black
45322	Expanding Drain Plug, Ø25mm, Black
45309	Expanding Drain Plug, Adjustable, Ø22mm, Black
45391	Drain Plug with Non-return Valve for Thru-hull, Ø22mm, Black
45393	Drain Plug with Non-return Valve for Thru-hull, Ø25mm, Black

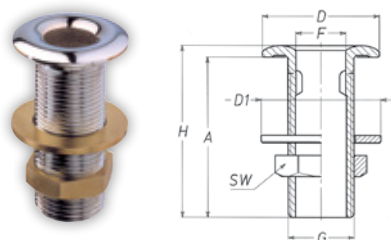
Through Hull Outlet with Hose Connector, Chromium Plated Brass



Code	Weight(gr)	SW	H	A	F	D1	D	B	P	G
90307	80	23	57	53	12	33	34	18	15	3/8"
90308	110	26	65	60	15	38	37	22	18	1/2"
90309	190	32	70	65	20	48	47	22	24	3/4"
90310	320	38	85	80	25	55	55	27	30	1"
90311	435	49	86	80	33	64	64	27	39	1 1/4"
90312	620	56	96	90	39	72	72	27	45	1 1/2"

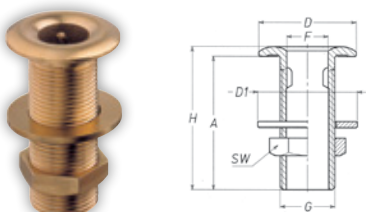
Thru-Hull Accessories

**Through Hull Outlet,
Chromium Plated
Brass**



Code	Weight(gr)	SW	H	A	F	D	D1	G
90296	40	20	62	58	8	22	22	1/4"
90297	85	23	57	53	12	34	33	3/8"
90298	125	26	65	60	15	37	38	1/2"
90299	205	32	70	65	20	47	48	3/4"
90300	350	38	85	80	25	55	55	1"
90301	470	49	86	80	33	64	64	1 1/4"
90302	650	56	96	90	39	72	72	1 1/2"
90303	990	68	107	100	50	85	88	2"
90304	1950	92	130	122	63	110	112	2 1/2"

**Through Hull
Outlet, Brass**



Code	Weight(gr)	SW	H	A	F	D	D1	G
90266	40	20	62	58	8	22	22	1/4"
90267	85	23	57	53	12	34	33	3/8"
90268	125	26	65	60	15	37	38	1/2"
90269	205	32	70	65	20	47	48	3/4"
90270	350	38	85	80	25	55	55	1"
90271	470	49	86	80	33	64	64	1 1/4"
90272	650	56	96	90	39	72	72	1 1/2"
90273	990	68	107	100	50	85	88	2"

Expanding Drain Plug

The expanding drain plugs series includes 4 drain plugs of different diameter for different drain sizes. They are made of nylon, supplied in black colour and each of the drain plugs can be applied to specific drains.



Code	Diameter (mm)	Suitable for Drains
95790	22	95793
95786	25	10250, 10251, 10254 & 10255
95787	35	10259
95785	40	10252, 10253, 10256 & 10257

Drain Plugs



**Buoyancy Tank Drain
Socket, with captive plug**

Internal diam.: 18 mm,
External diam.: 23 mm

Code | 16687



**Non-return Drain Valve Set,
with plug for 25mm Transom,
Grey**

Code | 74449



**Captive Plug with
O-Ring for Drain Socket**

Code	Colour
45276	White
45277	Black



Plug for Drain Socket, White

Code | 16713



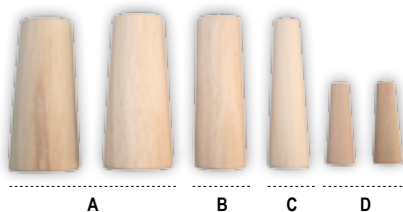
Drain Socket with plug



Code	Specifications	Colour	Flange Dimensions (mm)	Overall Height (mm)	Height of Socket (mm)	Cutout Diameter (mm)	Depth Below Deck (mm)	Mini Internal Diameter (mm)
16688	Plain	White	48 x 36	28	19,5	27	15	19
16689	With 2 holes	White						
43462	With captive plug	White	54 x 33	55	25	27	20	19
43463	With captive plug	Black	54 x 33	55	25	27	20	19
95781	With captive plug	White	60x30	52	23	27	18	19
95782	With captive plug	Black	60x30	52	23	27	18	19
43468	With captive plug	White	Ø 40	55	25	27	20	19
43469	With captive plug	Black	Ø 40	55	25	27	20	19
43478	With 4 holes	Black	Ø 43	38	27	25	22	16,5
43477	With 4 holes	White	Ø 43					
16691	With captive plug	White	Ø 46	63	27	28	21	19
16690	Plain	White	Ø 48	76	66	28	62	19
16797	"Fast Lock"	White	Ø 43	107	96	27	91	19

Wood Drain Plug

Code 71965



	Number of pieces	Max diam.	Small diam.	Length
A	2	51 mm	38 mm	110 mm
B	1	38 mm	33 mm	110 mm
C	1	30 mm	19 mm	110 mm
D	2	22 mm	13 mm	62 mm

Ball Valves

Valve "Y"

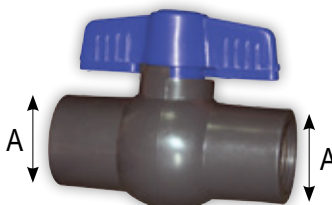
It allows water to flow in two different ways or to distribute in two ways.



Code	For Hose Diameter (mm)
95719	25
95720	38



Ball Valve, PVC



Code	Ø A (in.)
90373	1/2
90374	3/4
90375	1
70979	1 1/4
70980	1 1/2

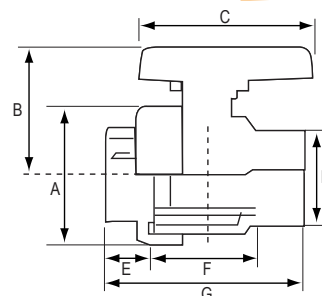


Ball Valves



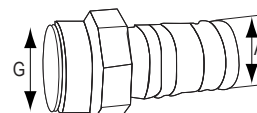
Ball Valve, Single Union, BSPP, Plastic, with Orange Handle

Code	A (mm)	B (mm)	C (mm)	D (inches)	E (mm)	F (mm)	G (mm)	Weight (g)
198112	68	13	80	1"	22	58	102	250
198084	96	87	103	1 1/2"	31	74	136	580
198085	116	101	120	2"	38	92	168	1030



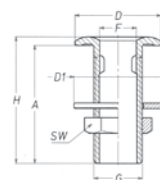
Hose Adaptor for Valve, Threaded BSPP, Plastic

Code	G Ø (inches)	Ø A (mm)
198113	1"	32
198086	1 1/2"	50
198087	2"	60



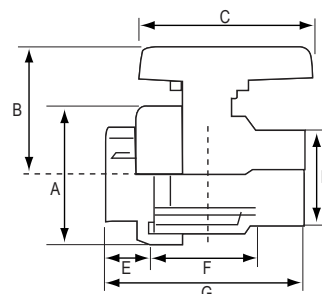
Through Hull Outlet, Brass

Code	Weight (gr)	SW	H	A	F	D	D1	G
90270	350	38	85	80	25	55	55	1"
90272	650	56	96	90	39	72	72	1 1/2"
90273	990	68	107	100	50	85	88	2"



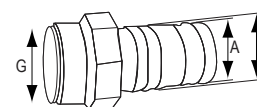
Ball Valve, Single Union BSPT, Plastic, with Blue Handle

Code	A (mm)	B (mm)	C (mm)	D (inches)	E (mm)	F (mm)	G (mm)	Weight (g)
44669	48	44	78	1/2"	21	52	93	137
44670	60	54	90	3/4"	24	60	104	205
44671	70	64	103	1"	26	66	122	310
44672	82	72	110	1 1/4"	30	74	138	464
44673	94	86	120	1 1/2"	34	84	152	655



Hose Adaptor For Valve, Threaded BSPT, Plastic

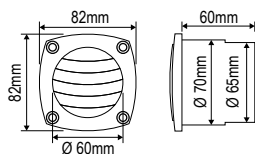
Code	G Ø (inches)	Ø A (mm)	Ø B (mm)
44538	1/2"	16	17
44539	3/4"	19	20
44540	1"	29	30



Ventillation



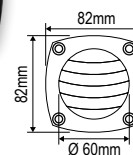
Ventilation Shaft Grilles, White



Code 12410



Ventilation Shaft Grilles Cover, PA

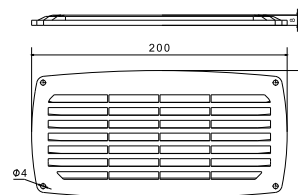


Code	Colour
12409	White
16307	Grey
16308	Black



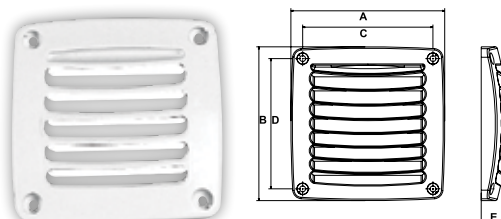
Ventilation Shaft Grilles Cover, ASA

Code	Colour
16311	Black
17657	White



Ventilation Shaft Grilles Cover

- Suitable for interior and exterior use
- Salt water resistant
- UV-resistant
- Code 50152 can be combined with Ventilator Connector (50155, 50156)

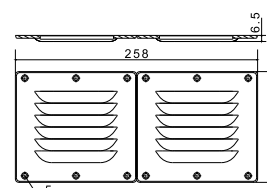


Code	Colour	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
47063	White	92	92	73	73	12
50152		118	118	99,93	100	19,9

Ventilation Shaft Grilles, Double, ASA

It connects two ventilation exhausts behind one single louvered vent.

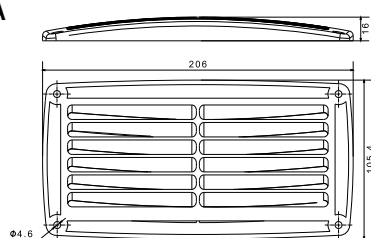
Code	Description	Colour
44545	Detachable double ventilation - ASA	White
44546		Black



Ventilation Shaft Grilles Cover, ASA



Code	Colour
47065	White

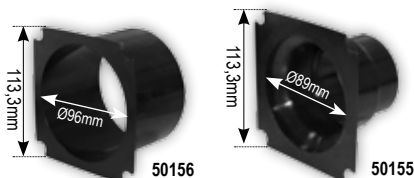


Ventilator with Water Outlet, ASA, White

420 x 120mm (built-in 385 x 90 x 60)



Code | 44547



Ventilator Connector, Black

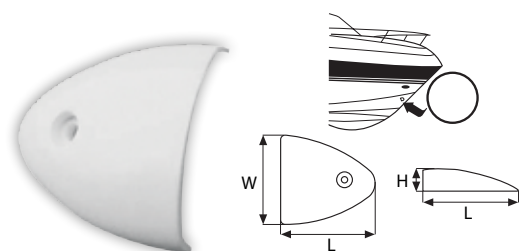
Code	Description	Hose Ø (mm)
50155	PA straight connector	65 / 75
50156		100

* Can be combined with Ventilation Shaft Grilles Cover (50152)



Ventilation Clam Shell Cover, Round, Ø87mm, PA, White

Code | 44551



Ventilation Clam Shell Cover, PA, White

L55mm x W50mm x H12mm

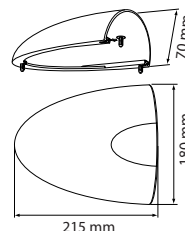
Code | 31519



Ventilation Clam Shell Cover

For additional protection against heavy water intrusions. Suitable for 3" and 4" ventilators. To be fixed on top of the ventilator with 3 nylon fasteners. Made of polyamide, shock and UV-resistant. Compatible with common sealants and impervious to acetic acids. Dimensions: 215 x 180 x 70 mm

Code | 54386



Code	Colour	Dimensions (mm)
54391	White	195 x 105 Ø 3"

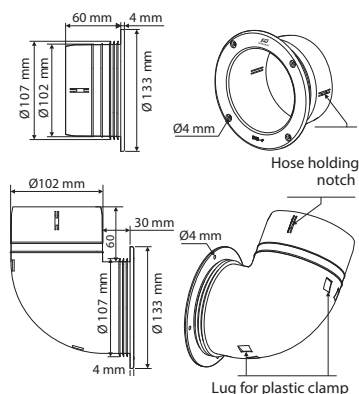


Ventilation Shaft Grilles, Double, PP

Connects two ventilation exhausts behind one single louvered vent. Offers multiple combinations in conjunction with two adaptors (flange, straight or elbow stiffening adaptors). The vent is simply clipped on the stiffening adaptors (90 mm space between the two holes).

Ventilator Connector Ø 102mm

It is made of polypropylene, shock and load resistant, impervious to fuel and acetic acid. Notches and lugs hold the hose in position. In addition, the hose must be secured with stainless steel clamps. Connector is easy to fit, by means of 4 screws outside. When installing the blower, we recommend to place the exhaust louvered ventilator in a reasonably protected area (for example, in the cockpit rather than on the transom), so as to prevent water intrusion into the ventilation circuit. An extra precaution consists in building an elbow in the hose.



Code	Description	Material
51069	Elbow	PP
51070	Straight	
60071*	Shaft Grilles Cover	PEHD

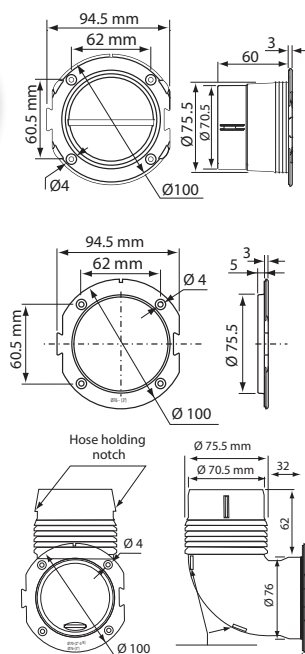
* Also available in other colour upon special request



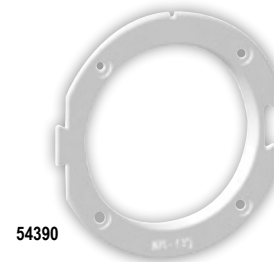
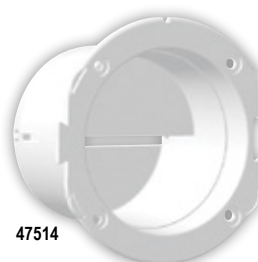
Ventilator Connector Ø 76mm

Suitable for Ø 76,2 and 70 mm ducting hose. Made of polypropylene for a good UV-resistance. It is extremely shock and load resistant, compatible with common sealants and impervious to acetic acids. Made to support a hose along a bulkhead. On the straight model, ventilation is ensured by a louvered opening, which also prevents heavy water intrusions.

Quick and easy installation: Drill a Ø 76,2 mm hole. Notches ensure the perfect hold of the adapter in the bulkhead. Secure the adapter with 4 x M4 screws and sealant for waterproofness (compatible with most common sealants). Clip a louvered vent if necessary: moulded-in ribs contribute to the vent's secured position. Fit the hose on the adapter. Two lugs hold the hose, while waiting to be secured with stainless steel hose clips (not supplied).



Code	Model
47514	straight
54389	elbow
54390	5 mm flange



Ventilation Shaft Grilles Cover, Ø76mm, ASA

Used either on its own to ventilate a locker or in conjunction with the stiffening adaptor for connection to a hose. No screws required and time-saving assembly.

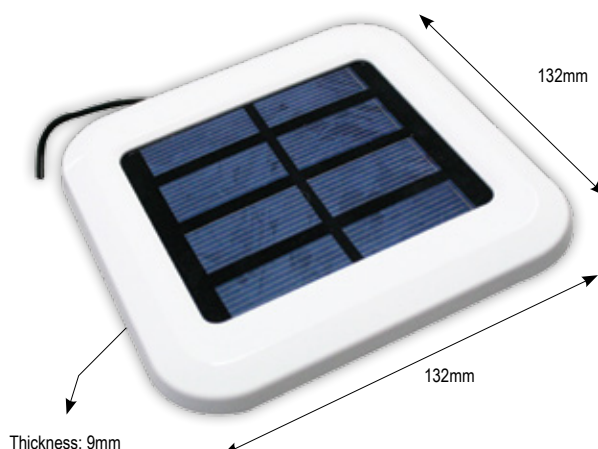


Code	Colour
47515	White
47516	Grey
47517	Black



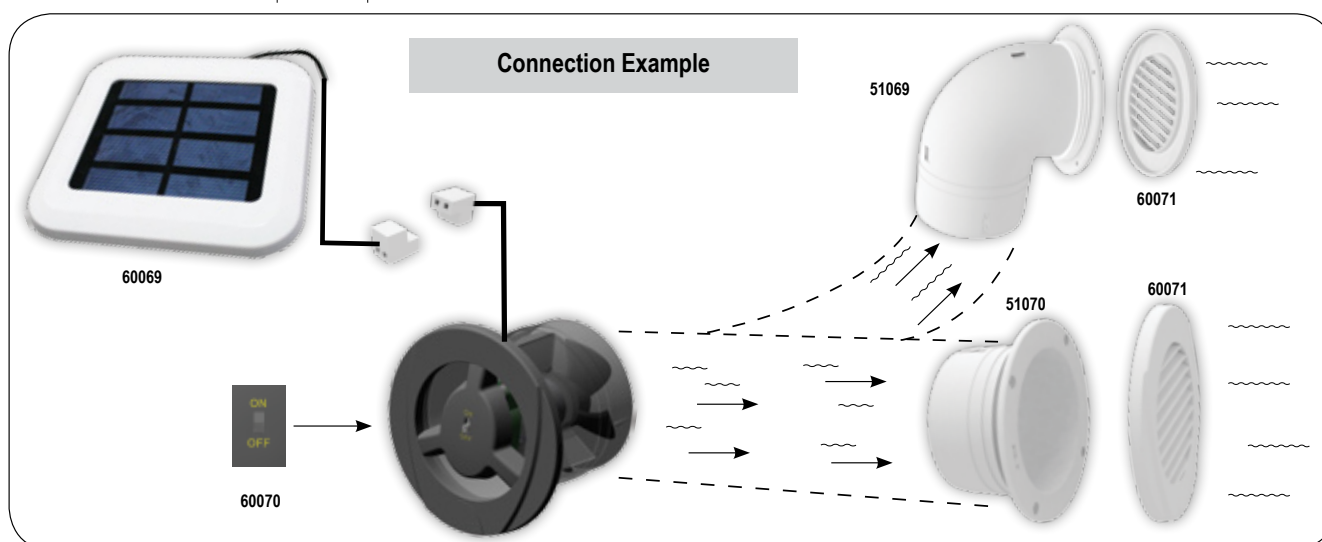
Blower for Autonomous Solar Powered Fan

Code	Volt	Battery
60070	1.2	✓
60065	12	-



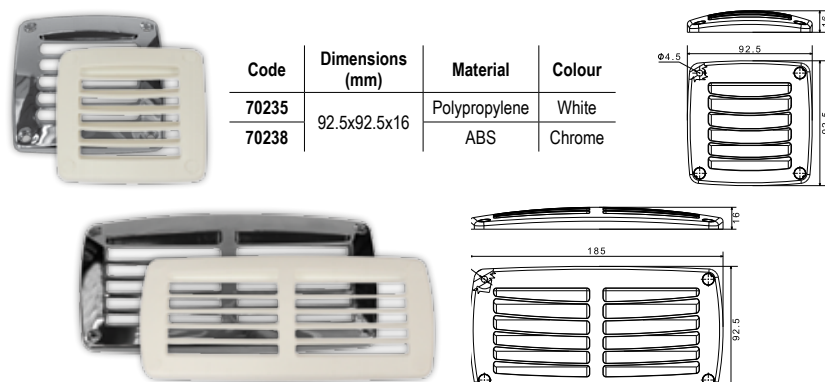
Solar Cell for Autonomous Solar Powered Fan

Code | 60069



Ventilators "EVO"

"EVO" ventilators achieve natural air circulation in the interior of your boat. They improve air quality, reduce humidity and eliminate carbon dioxide concentration indoors. Healthy atmosphere relaxes the crew and prolongs electrical devices life. "EVO" ventilators 70231 and 70235 are made of polypropylene and 70234 and 70238 are made of ABS. They come in rectangular and square shape and they can be combined with connector 70239 for better performance.

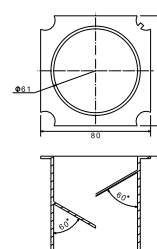


Code	Dimensions (mm)	Material	Colour
70235	92.5x92.5x16	Polypropylene	White
70238		ABS	Chrome

Code	Dimensions (mm)	Material	Colour
70231	185x92.5x16	Polypropylene	White
70234		ABS	Chrome

Connector "EVO"

"EVO" connector is attached on ventilators to support the bulkhead of your boat. The advantage of this connector is its unique design, which prevents heavy water inflows in rough sailing. "EVO" connector is made of polypropylene and comes in white colour.



Code	Dimensions (mm)	Material	Colour
70239	80 x 80 x 70	Polypropylene	White

"24 hours" Vent

"24 hours" vent is completely automatic as it works with solar energy in sunny days and batteries, during night time. Forced ventilation is controlled through a dynamic impeller which turns clockwise to inflow and counter clockwise to exhaust air. The user adjusts the vent on the corresponding function through on/off switches. Active air movement absorbs moisture and refreshes the interior of your boat completely. Simultaneously, when water enters the vent special balls inside, it blocks its entry to achieve absolute impermeability. "24 hours" vents are made of white plastic. The vent 99689 is equipped with Inox plated cover.



Code	Diameter (cm)	Cut Area (cm)	Cover
99688	20	9,5	White
99689			Inox Plated

Battery

Rechargeable battery, charged automatically by the solar panel. Activation with on/off switches.



PCB

Three functions PCB to activate solar function, activate battery function and modify fan function from clockwise to counter clockwise turn.

Solar panel

Operates with Solar Energy. Activation with on/off switches



Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability

Solar Vent

Solar vents provide mechanical ventilation utilizing the solar energy. The solar panel activates the fan which allows the air to flow in. These autonomous vents detect water flows from waves and rain, while refreshing the atmosphere even on those calm windless days. Special balls inside the vents are pushed by the water to shut ventilation holes and ensure impermeability. They have two functions; one function activates solar function and the other one modifies fan's function from clockwise to counter clockwise turn. Solar vents are made of white plastic, while the 98681 vent is equipped with an Inox plated cover.



Code	Diameter (cm)	Cut Area (cm)	Cover
98680	20	9,5	White
98681			Inox Plated

Solar panel

Operates with Solar Energy. Activation with on/off switches



Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability

Cabin Vent

Cabin vents offer natural ventilation indoors and prevent water leaks from waves and rain. They open and close manually. When open, air is circulated and water stays out of your boat. Cabin vents are made of plastic. The vent 98621 is equipped with Inox plated cover.



Code	Diameter (cm)	Cut Area (cm)	Cover
70158	20	9,5	White
98621			Inox Plated

Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability



Ventilator, Inox 316

It opens and closes.



Code	Diameter (mm)	Thickness (mm)
99808	125	0,8

Louver Ventilator, Inox 316



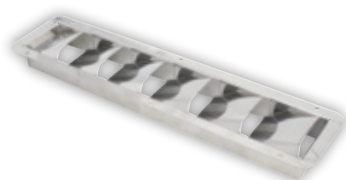
Code	Diameter (mm)	Thickness (mm)
99810	102	0,8
99809	126	

Ventilators

Made of strong ABS, it is certain that these ventilators will remain on your boat for a very long time. There are two sizes available, with dimensions 115mm x 127,5mm and 90mm x 255mm respectively. Mounting is very easy since they have been designed to be integrated into the walls of the boat and secured with screws.



Code	01685	01686
Colour	White	
Dimensions (cm)	11,5X12,7	9X25,5



Louver Ventilator, Inox

Code	Length (mm)	Width (mm)	Height (mm)
99067	325	76	27
99068	525		



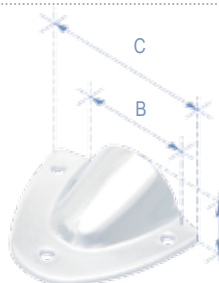
Louver Ventilator, Inox

Code	Length (mm)	Width (mm)	Height (mm)
99062	205	112	27
99066	325		



Clam Shell Ventilator, Inox 304

Code	Length (mm)	Width (mm)	Height (mm)
99061	132	117	53
99060	150	145	57
99059	175	170	72



Vent, Inox 316

Surface: E.P*, Body: Forging

Code	92790	92789
A(mm)	11	16
B(mm)	27	50
C(mm)	42,2	62,50

*E.P.= Electro polished



Louver Ventilator, Inox 316

Code	Length (mm)	Width (mm)	Thickness (mm)
99063	127	115	0,8
99064	230		
99065	228	127	

Low Profile Flexible Ventilator

Code	99695	99696	99697	99698
Internal Diam. (mm)	77	95	77	95
Dimensions (mm)	165x140x80	200x155x120	120x100x225	140x140x225



In-line Strainer with Stainless Steel Mesh Filter

Plastic body with clear acrylic cap



Code	Inlet & Outlet Diameter	Type Inlet/Outlet	Mesh Type
99755	Ø 19mm (3/4")	Hose	Large
99756	Ø 12mm (1/2")	Hose	Large
99757	Ø 12mm (1/2")	Pipe	Fine



Raw Water Strainer with Mesh Filter

PP body and mesh with clear acrylic cap

Code	Inlet & Outlet Diameter	Dimensions (mm)	Type Inlet/Outlet	Capacity (L)
99758	Ø 12mm (1/2")	142x135	Hose	0,5
99759	Ø 16mm (5/8")		Hose	
99760	Ø 19mm (3/4")		Hose	
99761	Ø 25mm (1")	192,5x179	Hose	1,5
99762	Ø 32mm (1 1/4")		Hose	
99763	Ø 38mm (1 1/2")		Hose	

Plastic Strainer Grilled

Features:

- Shock resistant polyamide
- Dimensions: 120 x 80
- Oval
- Black



Code 16712

Plastic Bilge Strainer

Features:

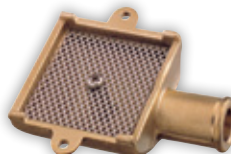
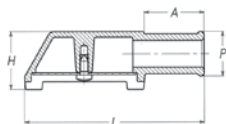
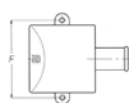
- For hoses with Ø18/20/24
- Output horizontal
- Dimensions: 145 x 60 x 38 mm
- Shape rectangular
- Black



Code	Colour	Hose Ø (mm)	Output	Shape	Dimensions (mm)
13942	Black	18/20/24	Horizontal	Rectangular	145x60x38

Bilge Strum Box with Inox Gauze

Code	Weight (gr)	F	L	H	A	P
90293	170	64	82	25	27	20
90294	400	89	110	30	30	25



Electrical Equipment

LED Navigation Lights	323-331
Standard Navigation Lights	331-340
LED Utility Lights	3341-343
Spotlights	343
Flashlights	343
Marine Cables & Accessories	344
Cable Terminals	344-345
Switch Panels & Accessories	345-348
Fuses & Accessories	348

Bus Bars & Terminal Blocks	348
Switches	349
Power Shore Plugs & Sockets	350-351
Solar Panels	351-352
Inverters	352
Battery Accessories	353-354
Battery Switches	354
Marine Speakers	355
Replacement Bulbs	355-356

From the simplest to the most complex electrical installation on a boat, a proper study on how to make the connections with efficiency and safety is essential. Why not taking advantage of the renewable energy by using solar panels to maintain and charge the batteries? You can also use AquaLED lights with lower consumption yet better lighting!

At MARINA Stores, you can find top-quality products for all your needs on board, so that every trip gives you unique moments of relaxation and tranquility, whether you are anchored in the marina or at your favourite beach!

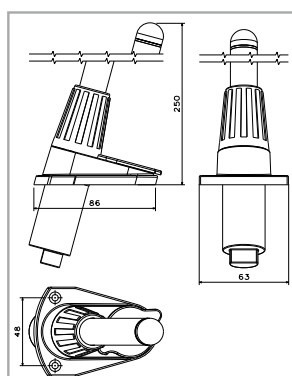
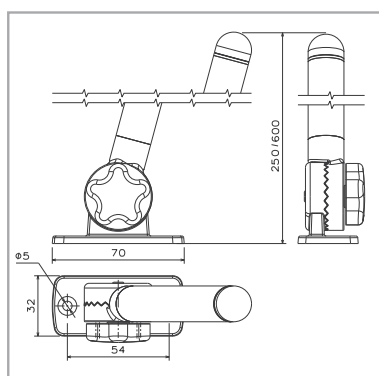


MICRO LED Pole Light

LALIZAS MICRO LED series includes the smallest but brightest navigation lights to indicate your position & keep you safe on the water. The Pole Lights of this series feature an innovative and elegant design, and may be used on boats up to 12 m as a white all-round stern light. There are various available options to meet all possible requirements, even by the most demanding boaters. The housing comes in two different colours (black, grey) and the base comes as a folding or plug in one, based on the product code. Also available in two different lengths.

- Material: Anodised aluminium pole with polycarbonate lens and a glass reinforced nylon base
- Pole diameter: 19 mm
- Visible distance: 1 nm
- Power consumption: 0,25 W, on 12/24 V

Installation: Should be screwed in such a position in order to be higher than the sidelights (according to COLREG 72).



Code	74364	74363	74366	74365	74382	74381	74384	74383
Base	Folding		Plug in		Folding		Plug in	
Length (cm)	25	60	25	60	25	60	25	60
Housing	Grey				Black			



For boats up to 12m



MICRO LED 12 Starboard & Port Lights 112,5°, Side & Flush mounted, Set

MICRO LED series includes the smallest but brightest navigation lights to indicate your position & keep you safe on the water. With elegant design and easy installation with just one hole, these lights provide the smallest possible "footprint" that a navigation light can leave on a boat. Their housing come in three different colours (white, black and chrome). There are two different options in terms of fastening (with screws or with silicone).

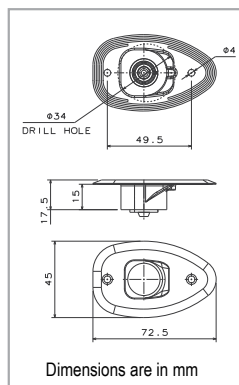
- Side & flush mounted
- Modern design
- Waterproof
- Non-corrosive
- Non-magnetic
- Easy installation

Characteristics:

- Material: White ASA housing & shatterproof PC lens
- Visible distance (Starboard – Port): 1 nm
- Power consumption: 0.25 W, on 12/24 V

Included:

Self-adhesive EVA flange & Wire length 150 mm & *Screws-DIN7982 ST2 9x13 (*for mounting with holes).



Dimensions are in mm



Code	74357	74359	74361
Mounting	without holes (with glue)		
Housing	White	Black	Chrome

Code	74358	74360	74362
Mounting	with holes (screws)		
Housing	White	Black	Chrome

Installation:

MICRO LED Lights are a unique design within LALIZAS range of side & flush mounted navigation lights. They can be easily positioned into the boat's bow with just one hole. Depending on the product code, they can be fastened either with silicone or with screws, without leaving any sharp edges to spoil the boat's lines or cause injuries.

LED Navigation Lights

FOS LED series of navigation lights are designed to save power consumption on board and offer reliability, efficiency and optimal visibility at sea. This series of LED navigation lights is suitable for boats up to 20m (depending on the product code) for enhanced safety. LED technology provides supreme efficiency with up to 80% less power consumption compared to conventional bulbs. Their completely sealed unit ensures durability and safety.



Meets the requirements for:

COLREG 72 / MSC 253(83) / IEC 60945 / EN 14744 / ABYC A-16.1997 / IP67 & USCG Approval

For boats up to 12m



FOS LED FOS LED 12 Starboard & Port Lights 112,5°, Set



71299



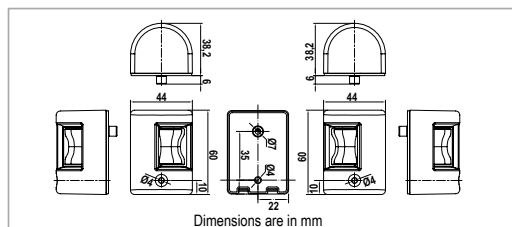
71300

- For boats up to 12 m
- Visible distance: 1 nm
- 12-15V DC & 0.5W
- Red & green LED light

- Side mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 65gr/pc

Included:

1. Screws DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



Code	71299	71300
Housing	Black	White



71301

71302



Code	71301	71302
Housing	Black	White

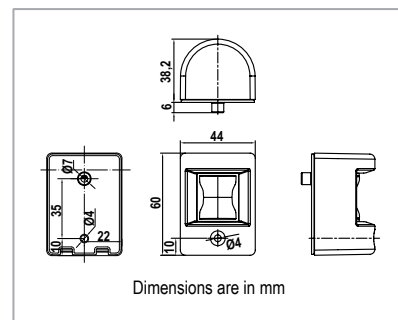
FOS LED 12 Stern Light, 135°

- For boats up to 12 m
- Visible distance: 2 nm
- 12-15V DC & 0.5W
- White LED light
- Side mounted
- Lasts for 50.000 hours

- Waterproof, non-corrosive, non-magnetic
- Weight: 65gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



71303

71304



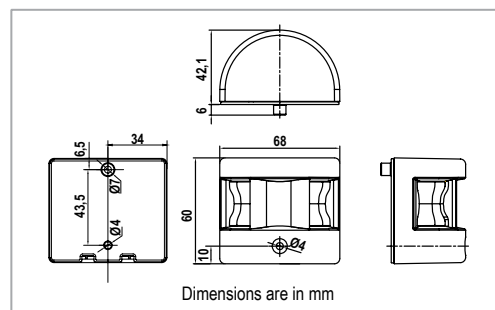
Code	71303	71304
Housing	Black	White

FOS LED 12 Masthead Light 225°

- For boats up to 12 m
- Visible distance: 2 nm
- 12-15V DC & 1W
- White LED light
- Side mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 150gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



71306

71305



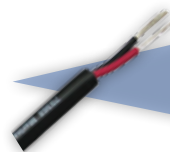
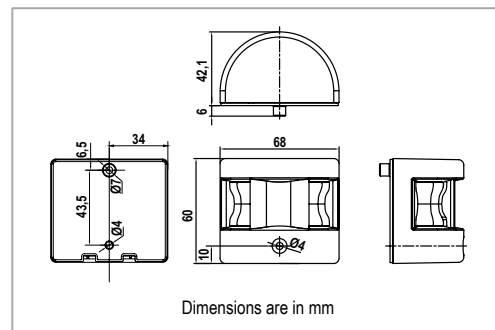
Code	71305	71306
Housing	Black	White

FOS LED 12 Bi-colour Light

- For boats up to 12 m
- Visible distance: 1 nm
- 12-15V DC & 1W
- Red & green LED light
- Side mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 150gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



Combine with
Tinned Marine Cables
page 344

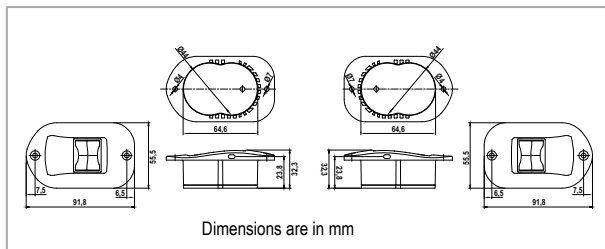


For boats up to 12m



FOS LED 12 Starboard & Port Lights 112,5°, Set

- For boats up to 12 m
- Visible distance: 1 nm
- 12-15V DC & 0.5W
- Red & green LED light
- Side & flush mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 75gr/pc



Included:

1. Screws DIN7981 / ISO 7049 M3.5x13mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used



71315

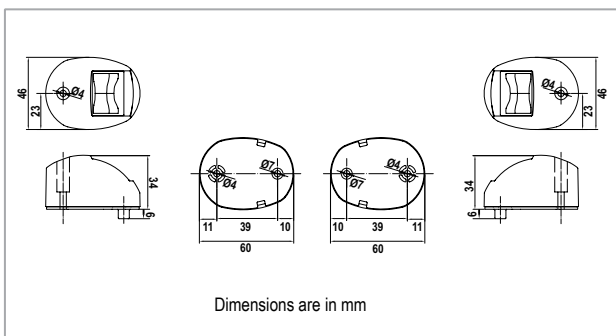


71316

Code	71315	71316
Housing	Black	White

FOS LED 12 Starboard & Port Lights 112,5°, Set

- For boats up to 12 m
- Visible distance: 1 nm
- 12-15V DC & 0.5W
- Red & green LED light
- Side mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 60gr/pc



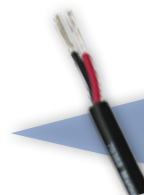
71313



Code	71313	71314
Housing	Black	White

Included:

1. Screws DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



Combine with
Tinned Marine Cables
page 344

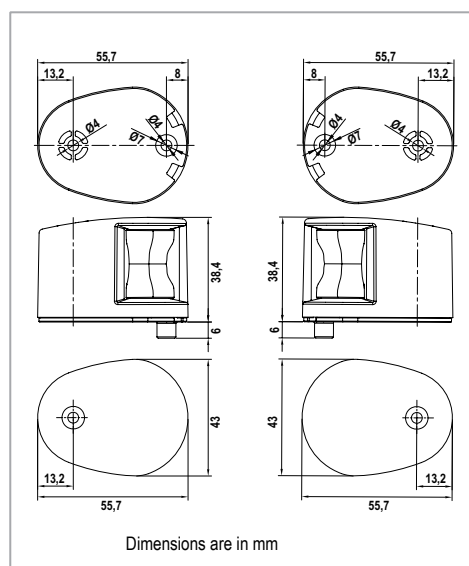
Electrical Equipment

FOS LED 12 Starboard & Port Lights 112,5°, Set

- For boats up to 12 m
- Visible distance: 1 nm
- 12-15V DC & 0.5W
- Red & green LED light
- Deck mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 60gr/pc

Included:

1. Screws DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



71317



71318

Code	71317	71318
Housing	Black	White

For boats up to 12m



FOSLED

LALIZAS



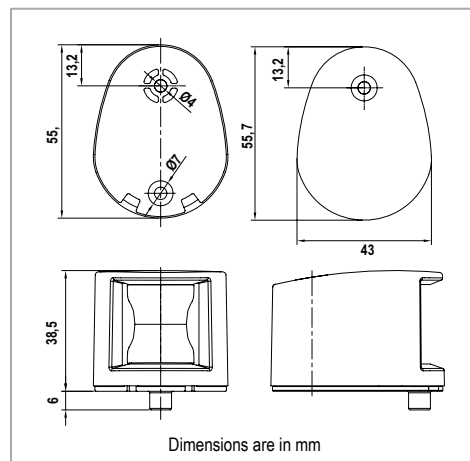
Code	71319	71320
Housing	Black	White

FOS LED 12 Stern Light 135°

- For boats up to 12 m
- Visible distance: 2 nm
- 12-15V DC & 0.5W
- White LED light
- Deck mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 55gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



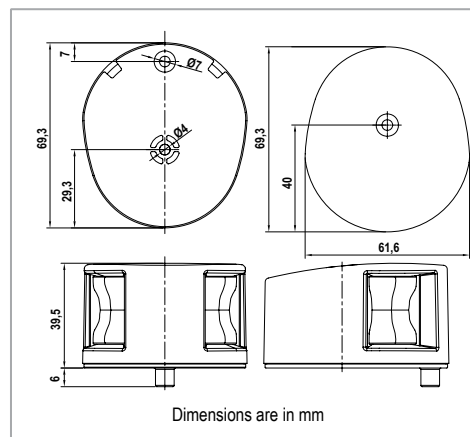
Code	71321	71322
Housing	Black	White

FOS LED 12 Bi-colour Light

- For boats up to 12 m
- Visible distance: 1 nm
- 12-15V DC & 1W
- Red & green LED light
- Deck mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 90gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



Electrical Equipment



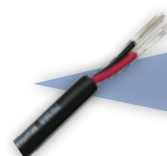
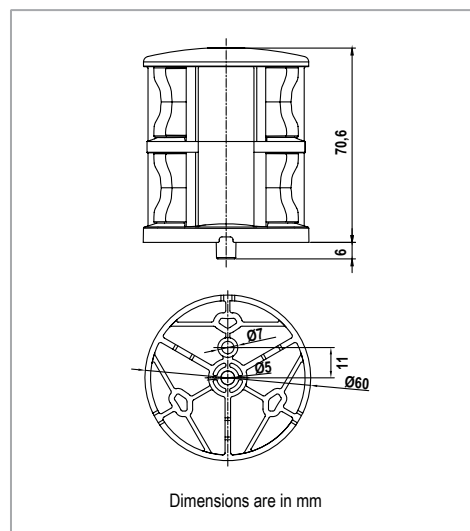
Code	71311	71312
Housing	Black	White

FOS LED 12 Tri-colour & Anchor Light

- For boats up to 12 m
- Visible distance: 1+1+2 nm & anchor light 2 nm
- 12-15V DC & 3W
- Red, green & white LED light
- Deck mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 160gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M4,8x60mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing

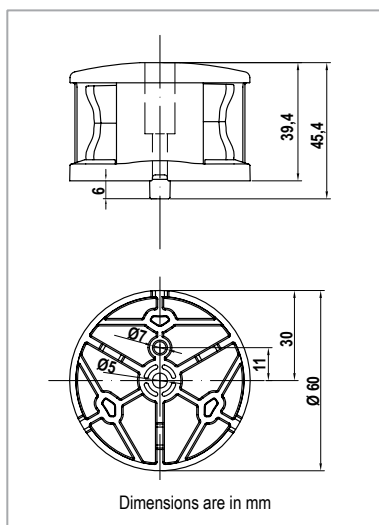


Combine with
Tinned Marine Cables
page 344



FOSLED

For boats up to 12m



FOS LED 12 Tri-colour Light

- For boats up to 12m
- Visible distance: 1+1+2 nm
- 12-15V DC & 1,5W
- Red, green & white LED light
- Deck mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 95gr/pc

Included:

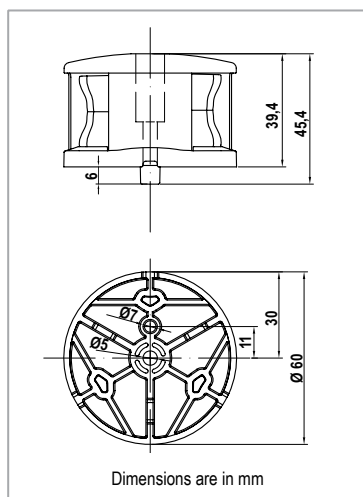
1. Screw DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



Code	71309	71310
Housing	Black	White

FOSLED

For boats up to 20m



FOS LED 20 All-round Light 360°

- For boats up to 20 m
- Visible distance: 2 nm
- 12/24V DC & 1,5W
- White LED light
- Deck mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 95gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M3.5x32mm
2. Wire length 0.6m
3. Double-side adhesive sticker that can be used as drilling drawing



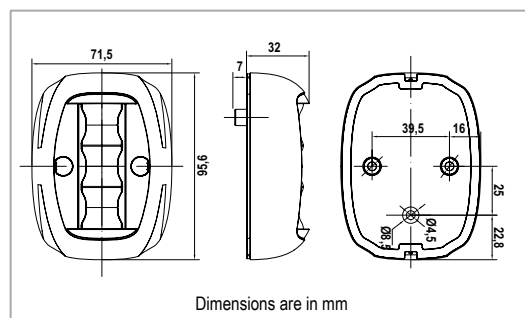
Code	71307	71308
Housing	Black	White

Electrical Equipment

FOS LED 20 Stern Light 135°

- For boats up to 20 m
- Visible distance: 2 nm
- 12/24 V DC & 1.5 W
- White LED light

- Side mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 165gr/pc



Included:

1. Screw DIN7981 / ISO 7049 M4.2x32mm (2 pieces per item)
2. 1.2m length of wire per product
3. Double-side adhesive sticker that can be used as drilling drawing



Code	71970	71971
Housing	Black	White



Combine with
Tinned Marine Cables
page 344



For boats up to 20m

FOSLED

LALIZAS



71972



71973

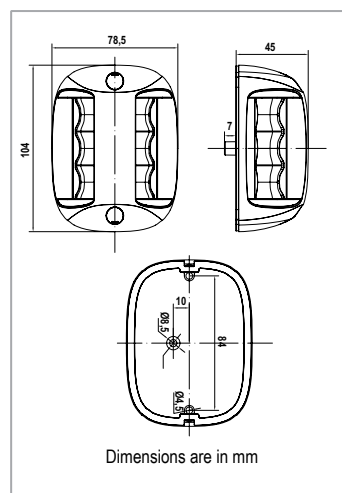
Code	71972	71973
Housing	Black	White

FOS LED 20 Masthead Light 225°

- For boats up to 20 m
- Visible distance: 2 nm
- 12/24V DC & 3W
- White LED light
- Side mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 235gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M4.2x32mm (2 pieces per item)
2. 1.2m length of wire per product
3. Double-side adhesive sticker that can be used as drilling drawing



71974



71975

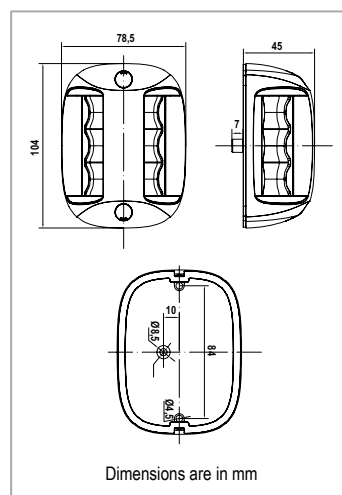
Code	71974	71975
Housing	Black	White

FOS LED 20 Bi-colour Light 112.5°

- For boats up to 20 m
- Visible distance: 2 nm
- 12/24 V DC & 3W
- Red & green LED light
- Side mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 235gr/pc

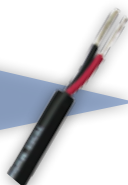
Included:

1. Screw DIN7981 / ISO 7049 M4.2x32mm (2 pieces per item)
2. 1.2m length of wire per product
3. Double-side adhesive sticker that can be used as drilling drawing



Electrical Equipment

Combine with
Tinned Marine Cables
page 344



71968



71969

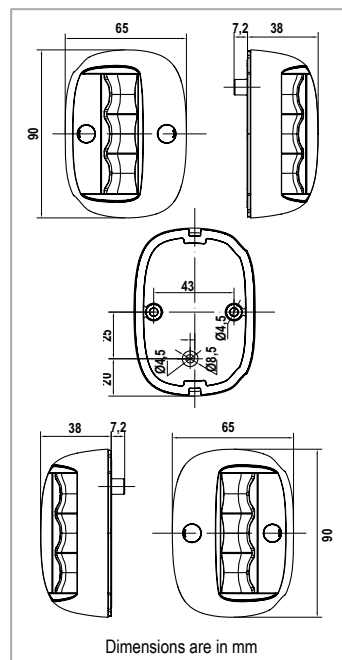
Code	71968	71969
Housing	Black	White

FOS LED 20 Starboard & Port Lights 112.5°, Set

- For boats up to 20 m
- Visible distance: 2 nm
- 12/24 V DC & 1.5 W
- Green & red LED light
- Side mounted
- Lasts for 50.000 hours
- Waterproof, non-corrosive, non-magnetic
- Weight: 155gr/pc

Included:

1. Screw DIN7981 / ISO 7049 M4.2x32mm (2 pieces per item, total 4 pieces)
2. 1.2 m length of wire per product
3. Double-side adhesive sticker that can be used as drilling drawing





Classic LED series of navigation lights are designed for boats up to 20m (depending on the product code). Made of tough UV stabilized ABS polycarbonate compound with shatter-proof acrylic lens, stainless steel electrical contacts and nitrile water resistant seal to provide reliable long-life. All CLASSIC LED are supplied with encapsulated in silicon 12/24V LED bulb to ensure maximum energy saving, protection against humidity and a long lifetime of 50.000 hours.

Meets the requirements for: COLREG 72 / MSC 253(83) / EN 14744:2005

Combine with
Tinned Marine Cables
page 344

**CLASSIC
LED**

For boats up to 12m



CLASSIC LED 12 All-round Lights

All round lights are screw mounted on the mast as high as possible and are connected to the central or auxiliary circuit.



CLASSIC LED 12 Bulb (BA15S) for All-round Lights 12/24V

Code | 72182



72164

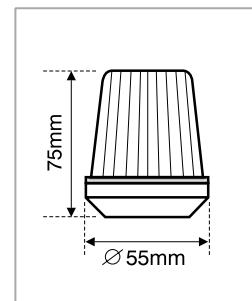


72167



- For boats up to 12 m
- Visible distance: 2 nm
- 12/24V DC & 2 W
- White LED light or tri-colour
- Deck mounted
- Waterproof, non-corrosive, non-magnetic

Code	72164	72167
Description	White	Tri-colour
Housing	Black	



CLASSIC LED 12 Starboard - Port - Stern - Masthead - Bi-colour Light



CLASSIC LED Bulb Kit 12, 12/24V

Code | 72183



72168



72169



72170



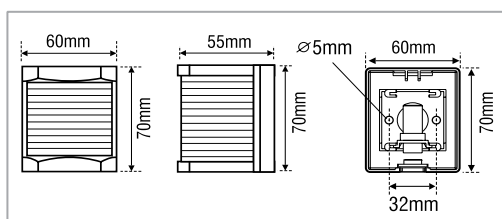
72171



72172



Electrical Equipment



- For boats up to 12 m
- Visible distance:
- Port - Starboard - Bi-colour: 1 nm
- Stern - Masthead: 2 nm
- 12/24V DC & 2 W
- Side mounted
- Waterproof, non-corrosive, non-magnetic

Code	72168	72169	72170	72171	72172
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	Black				

**CLASSIC
LED**

For boats up to 20m



CLASSIC LED 20 All-round Light

- For boats up to 20 m
- Visible distance: 2 nm
- 12/24V DC & 4 W
- Deck mounted
- Waterproof, non-corrosive, non-magnetic



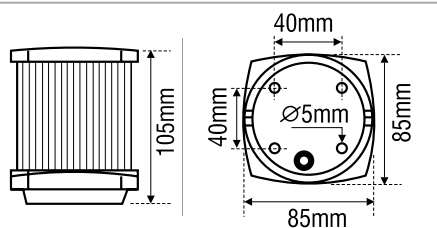
72176



72173



Code	72176	72173
Description	Signal Green White 360°	Tricolour 360°
Housing	Black	



CLASSIC LED 20 Bulb (BAY15D), 12/24V

Code | 72184



For boats up to 20m

**CLASSIC
LED**

CLASSIC LED 20 Starboard - Port - Stern - Masthead - Bi-colour Light



72177



72178



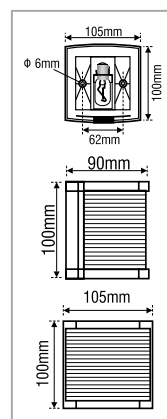
72179



72180



72181



Code	72177	72178	72179	72180	72181
Description	Starboard Green 112,5°	Port Red 112,5°	Stern White 135°	Masthead White 225°	Bi-colour 225°
Housing	Black				

- For boats up to 20 m
- Visible distance:
- Port - Starboard - Bi-colour: 2 nm
- Stern: 2 nm
- Masthead: 3 nm
- 12/24V DC & 4W
- Side mounted
- Waterproof, non-corrosive, non-magnetic



**CLASSIC LED 20
Bulb (BAY15D),
12/24V**

Code | 72184

Electrical Equipment

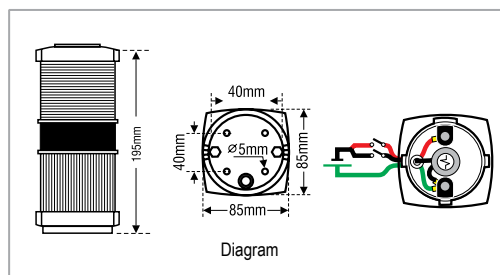
CLASSIC LED 20 All-round & Tri-colour Light

This all-round (white) & tri-colour navigation light features an improved bulb holder, simplified wiring installation and compact two-piece design. This is one compact product with protection against electrolysis, easier and more effective electric connection.



Code | 72189

- For boats up to 20 m
- Visible distance:
- All around: 2 nm
- Tri-colour: 2 nm
- 12/24V DC & 4W/ each light
- Deck mounted
- Waterproof, non-corrosive, non-magnetic



To change the bulb follow the instructions as indicated in the pictures.



Unscrew the casing by turning it anti-clockwise



Pull the casing and change the bulbs needed



Place the casing by matching the lugs to the relevant slots and turning clockwise



**CLASSIC LED 20 Bulb
(BAY15D), 12/24V**

Code | 72184

**CLASSIC
LED**

LED KITS

“LED UP” your CLASSIC 12 & 20 Navigation Lights



**CLASSIC LED 12
Bulb (BA15S) for
All-round Lights
12/24V**

Code | 72182

LED IT UP



**All-round Light,
White 360°**

Code | 30111



**All-round Light,
Tri-colour 360°**

Code | 30114


CLASSIC
LED

LED KITS

“LED UP” your CLASSIC 12 & 20 Navigation Lights



CLASSIC LED 12
Bulb Kit, 12/24V

Code | 72183

CLASSIC 12 Navigation Lights



Starboard Light
112,5°

Code | 30091



Port Light 112,5°

Code | 30092



Stern Light
135°

Code | 30093



Masthead
Light 225°

Code | 30094



Bi-colour Light
225°

Code | 30095

CLASSIC 20 Navigation Lights



CLASSIC LED 20
Bulb (BAY15D),
12/24V

Code | 72184



Starboard Light
112,5°

Code | 30501



Port Light 112,5°

Code | 30502



All-round Light,
White 360°

Code | 30523



Stern Light
135°

Code | 30503



Masthead
Light 225°

Code | 30504



Bi-colour
Light 225°

Code | 30505



All-round Light,
Tri-colour 360°

Code | 30404



All-round
& Tri-colour
Light 360°

Code | 30415

Flexy
Emergency
NavLights

- 3NM visibility
- 12 hours' battery life
- Easy set up
- Water-resistant

LALIZAS FLEXY EMERGENCY NavLights, Set of 3pcs



Code | 72663

Suitable for sailboats, fishing boats, inflatable
tender boats, kayaks, diving buoys.



Suction Base
for LALIZAS FLEXY EMERGENCY

Code | 72665

Standard Navigation Lights



Bulb in blister 1,1
V/0,33 w, E10, C6U

Code | 30640



Bulb 1,1 V/0,33
w, E10, C6U

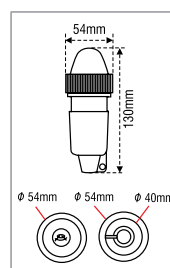
Code | 00453

EMERGENCY Navigation Lights

EMERGENCY waterproof navigation lights are ideal for use on small crafts, inflatable boats, kayaks, or as emergency lighting in larger boats.

All portable emergency lights can be used when conventional lights are not suitable for the vessel or when they are not operating. They are available with external light reflectors. Standard alkaline batteries (D cell) are needed (not included), giving approx. 9 hours of continuous use.

Code	30001	30002	30003	30010
Description	Green	Red	White	Set

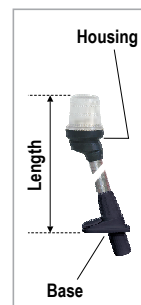


Pole Light

According to the COLREG 72, all pole lights should be placed higher than the sidelights. Thus, it is easier for other boats to calculate their position in relation to your position and direction. Furthermore, a light positioned lower may be obscured by other objects or people. LALIZAS range of Pole Lights includes telescopic, folding and plug in options, thus meeting all requirements. This type of pole lights may be used on sailing boats less than 20m (tri-colour) or on powerboats less than 12m (white), instead of small all-round lights. **Material:** Made of marine grade stainless steel 304 tubing with ABS plastic, polycarbonate lens and nitrile O ring sealed light and a fibre nylon mix base. **Housing:** Available in black and white. **Installation:** Pole lights are positioned in such a way that they are higher than the sidelights and may be screwed into position. Depending on the model, you can adjust the height of the light. Five lengths of LALIZAS Pole Lights are available in five different lengths which vary between 23cm and 130cm. **Visible distance:** 2nm. **Bulb (included):** 12V / 10W.

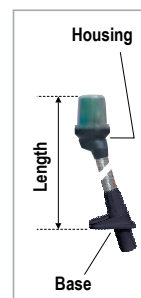
Pole Lights with black housing

Housing	Telescopic			Plug in		Folding	
Base							
Length	54 cm			54 cm		23 cm	
Code	30143			30163		30173	
				105 cm		64 cm	
				30243		30153	
				30263			



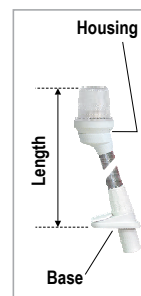
Pole Lights, Tri-colour with black housing

Housing	Plug in		Folding	
Base				
Length	54 cm		23 cm	
Code	30234		30214	
			64 cm	
			30204	



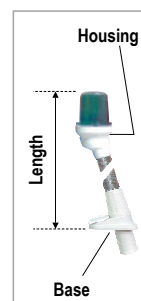
Pole Lights with white housing

Housing	Telescopic			Plug in		Folding	
Base							
Length	54 cm			54 cm		23 cm	
Code	30273			30293		30763	
				105 cm		64 cm	
				30333		30283	
				30353			



Pole Lights, Tri-colour with white housing

Housing	Plug in		Folding	
Base				
Length	54 cm		23 cm	
Code	30324		30784	
			64 cm	
			30774	



Electrical Equipment



Base for plug in light

Code	31020	31030	74401
Colour	Black	White	Grey



Bulb in blister
12V/10W, BA15S,
C2R

Code | 30630



Bulb 12V/10W,
BA15S, C2R

Code | 00420



Bulb LED, 12V,
T18 BA15S, Cool White
- 18 LEDs

Code | 71228



CLASSIC LED 12 Bulb
(BA15S) for All-round
Lights, 12/24V DC

Code | 72182



For boats up to 7m

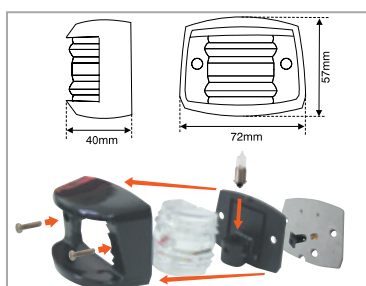
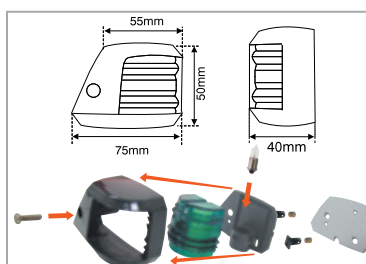


FAROS 7

FAROS 7 series of navigation lights include masthead, starboard, port and stern lights, ideal for powerboats up to 7m. They are waterproof, non-corrosive and non-magnetic. **Material:** Made of nylon fiber mix housing and shatterproof plexiglass (PMMA) lens. **Housing:** Available in black housing. **Seal:** Nitrile water resistant. **Installation:** Side & deck mounted. They are mounted on the surfaces with wall plugs. Navigation lights with wall plug have the advantage that they are much easier to mount and you only need to open one hole. This range is provided with a two sided adhesive tape and flange, which by sticking it on the surface you know exactly where to open the hole and the flange is already in the correct place. **Visible distance:** Port - Starboard - Bi-colour: 1nm / Stern - Masthead: 2nm. **Contacts:** Brass. **Bulb (included):** 12V / 5W



EASY MOUNTING



Masthead Light 225°

Code	30864
Housing	Black



Bi-colour Light 225°

Code	30865
Housing	Black



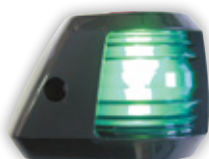
Starboard Light 112,5°

Code	31051
Housing	Black



Port Light 112,5°

Code	31052
Housing	Black



Starboard Light 112,5°

Code	30861
Housing	Black



Port Light 112,5°

Code	30862
Housing	Black



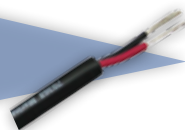
Stern Light 135°



Code	30863
Housing	Black



Combine with
Tinned Marine Cables
page 344



Bulb in blister 12V/5W,
BA9S, C2R

Code	30940
------	-------



Bulb 12V/5W,
BA9S, C2R

Code	01184
------	-------



Bulb LED, 12V, BA9S,
Cool White - 4SMDs + 1LED

Code	71233
------	-------



1
Remove the protective paper from the
self adhesive flange



2
Attach the flange at the point you want
to place the light and open the holes
using a drill



3
Pass the wires through the lower hole and
fit the light's rawl plugs in the side holes



4
Screw until the rawl plugs are secured

Electrical Equipment

Standard Navigation Lights



For boats up to 7m

LALIZAS

MATI 7

MATI 7 series of navigation lights are designed for powerboats up to 7m length. They are waterproof, non-corrosive and non-magnetic. **Material:** Nylon fiber mix housing. Shatterproof Plexiglas (PMMA) lens. **Housing:** Available in black, white and chrome housing. **Seal:** Nitrile water resistant. **Installation:** MATI 7 lights have a unique design within the LALIZAS range of side mounted navigation lights. Their special design enables them to be neatly mounted on the boat with safety and without compromising on appearance. They are fitted into the boat's bow, without leaving any sharp edges to either spoil the boat's lines or cause any injuries. They are provided with a two sided adhesive tape and flange, which by sticking it on the surface you know exactly where to open the hole and the flange is already in the correct place. **Visible distance:** Port - Starboard: 1nm / Stern: 2nm. Contacts: Brass. **Bulb** (included): 12V / 5W.



EASY MOUNTING

MATI 7 Starboard & Port - Stern Lights



30841



30842



30851



30852



30921



30922

Starboard Light 112,5°

Code	30841	30851	30921
Housing	Black	White	Chrome

Port Light 112,5°

Code	30842	30852	30922
Housing	Black	White	Chrome



30843

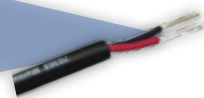


30853

Stern Light 135°

Code	30843	30853
Housing	Black	White

Combine with
Tinned Marine Cables
page 344



Bulb in blister
12V/5W, BA9S, C2R

Code | 30940



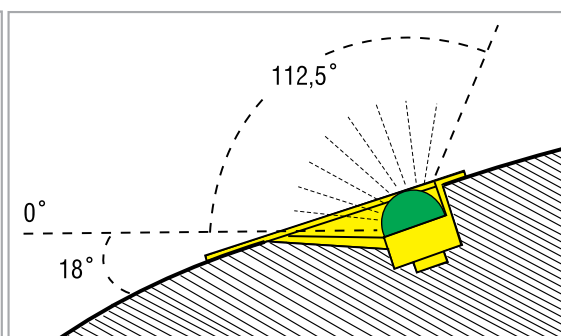
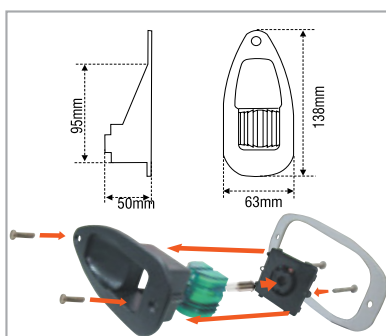
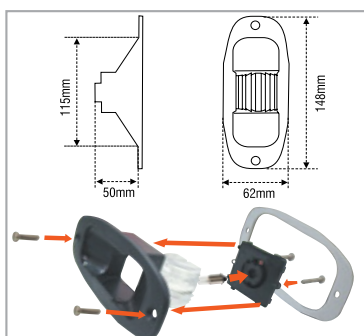
Bulb 12V/5W,
BA9S, C2R

Code | 01184



Bulb LED, 12V, BA9S,
Cool White - 4SMDs
+ 1LED

Code | 71233



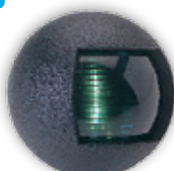


POWER 7

POWER 7 series of power boat navigation lights is compact and streamlined to follow comfortably the fit of most boats. **Material:** The lenses are made of tough polycarbonate with nylon fibre mix housing and stainless internal components for added strength. **Housing:** Available in black and white housing. **Installation:** Bi-colour and masthead lights are available for side and deck mounting. They are fixed through the base with two or more screws, and the housing is clipped on. Their round shape is less likely to snag with other fittings or ropes. Visible distance: Port - Starboard - Bi-colour: 1nm / Stern - Masthead: 2nm. **Contacts:** Brass. **Bulb** (included): 12V / 10W.

POWER 7

Starboard & Port - Bi-colour- Stern - Masthead - Fixed Spreader Lights



30061



30063



30065



30067



30062



30064

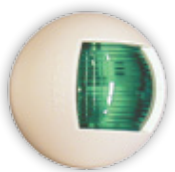


30066



30068

Code	30061	30062	30063	30064	30065	30066	30067	30068
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°, Side mounted	Bi-colour Light 225°, Side mounted	Bi-colour Light 225°, Deck mounted	Masthead Light 225°, Deck mounted	Navigation Light, Fixed Spreader 360°
Housing	Black							



30071



30073



30075



30077



30072



30074

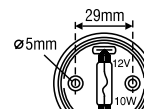
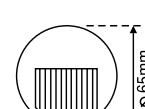
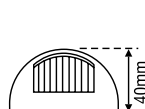
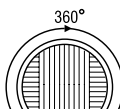
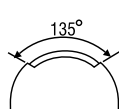
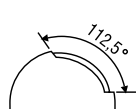


30076

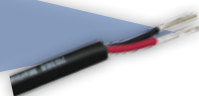


30078

Code	30071	30072	30073	30074	30075	30076	30077	30078
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°, Side mounted	Bi-colour Light 225°, Side mounted	Bi-colour Light 225°, Deck mounted	Masthead Light 225°, Deck mounted	Navigation Light, Fixed Spreader 360°
Housing	White							



Combine with
Tinned Marine Cables
page 344



Bulb in blister
12V/10W,
SV8.5-8, C8I

Code | 30610



Bulb LED, 12V,T11,
SV8.5-8, cool white -
2x4 LEDs 360°

Code | 71227



Bulb 12V/10W,
SV8.5-8, C8I

Code | 00568

Standard Navigation Lights



For boats up to 7m

LALIZAS

JUNIOR 7

JUNIOR 7 series of navigation lights are designed for boats up to 7m length. They are waterproof, non-corrosive and non-magnetic. **Material:** Nylon fibre mix housing. Shatterproof plexi-glass (PMMA) lens. **Housing:** Available in black and white housing. **Seal:** Nitrile water resistant. **Installation:** Side mounted. They are very easy to mount and their small size makes them very discreet but without compromising their effectiveness. This range is provided with a two sided adhesive tape and flange, which by sticking it on the surface you know exactly where to open the hole and the flange is already in the correct place. **Visible distance:** Port - Starboard – Bi-colour: 1nm / Stern - Masthead: 2nm. **Contacts:** Brass. **Bulb** (included): 12V / 5W.



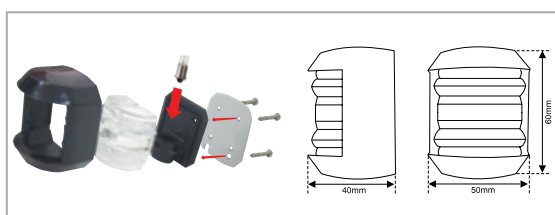
JUNIOR 7 Starboard & Port - Stern - Masthead Lights



Code	30821	30822	30823	30824	30825
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°	Bi-colour Light 225°
Housing	Black				

Code	30831	30832	30833	30834	30835
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°	Bi-colour Light 225°
Housing	White				

Electrical Equipment

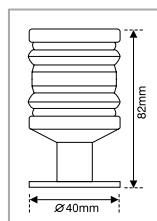


JUNIOR 7 All-round Lights

These all-round pedestal lights are designed for sailboats up to 7m. These lights are much smaller in size without compromising in elegant design and efficient operating function. The pedestal fitting gives a firm attachment to the boat. Durability and longevity are ensured through the high quality manufacturing standards of LALIZAS. **Visible distance:** 2nm. **Bulb** (included): 12V/5W.



Code	30803	30804	30813	30814
Colour	White	Tri-Colour	White	Tri-Colour
Housing	Black		White	



Bulb in blister
12V/5W,
BA9S, C2R

Code | 30940

Bulb 12V/5W,
BA9S, C2R

Code | 01184

Bulb LED, 12V,
BA9S, Cool White -
4SMDs + 1LED

Code | 71233

Combine with
Tinned Marine Cables
page 344

Bulb in blister
12V/5W, BA9S, C2R

Code | 30940

Bulb LED, 12V, BA9S,
Cool White - 4SMDs + 1LED

Code | 71233

Bulb 12V/5W, BA9S, C2R

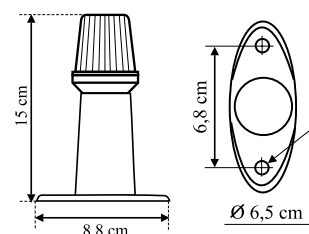
Code | 01184



For boats up to 12m

All-round Light

Code	30183	30194	30303	30314
Description	White	Tri Colour	White	Tri Colour
Base	Black		White	





CYCLIC 12

CYCLIC 12 navigation lights are designed for powerboats and sailboats up to 12m length. Their elegant "helmet" style leaves no sharp edges to cause injury or catch lines. **Material:** They are made of tough PA6 and PMMA (plexiglass), non-magnetic stainless steel, electrical contacts and a nitrile water resistant seal to provide reliable long life. **Housing:** Available in black and white housing. **Installation:** Side mounted. **Visible distance:** Port – Starboard – Bi-colour: 1nm / Stern – Masthead: 2nm **Contacts:** Brass. **Bulb (included):** 12V / 10W.

CYCLIC 12 Starboard & Port - Bi-colour- Stern – Masthead Lights

Code	30461	30471	30462	30472	30463	30473	30464	30474
Description	Starboard Light 112,5°	Port Light 112,5°	Stern White 135°	Masthead Light 225°				
Housing	Black							

Code	30471	30472	30473	30474
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°
Housing	White			

Bulb LED, 12V, T11, SV8. 5-8, cool white - 2x4 LEDs 360°
Code 71227

Bulb 12V/10W, SV8.5-8, C8I
Code 00568

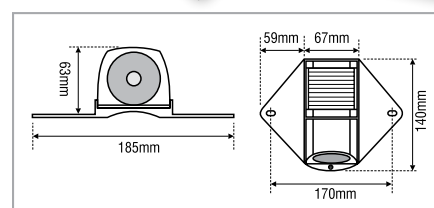
Bulb in blister 12V/10W, SV8.5-8, C8I
Code 30610



CLASSIC 12 Masthead Light & Deck Light 225°

Housing: Available in black colour. Bulb masthead (included): 12V / 10W. **Bulb deck light (included):** 12V / 20W. It provides ample illumination for foredeck chores. Includes universal mast mount.

Code	30499
Housing	Black



Combine with
Tinned Marine Cables
page 344

Spare Bulb for Navigation Lights

	Bulb in blister 12V/10W, Sv8.5-8, C8I		Bulb 12V/10W, Sv8.5-8, C8I		Bulb LED, 12V, T11, SV8.5-8, Cool White - 4 LEDs
Code	30600	Code	00386	Code	71234

Spare Bulb for All-round Lights

	Halogen Bulb, MR16, G5.3, 12V/20W		Bulb LED, 12V, MR16, G5.3, Cool White - 10 SMDs
Code	02020	Code	71225

CLASSIC 12

CLASSIC 12 series of navigation lights is designed and type-approved for boats up to 12m. It includes all-round lights, starboard & port or bi-colour lights, stern and masthead lights. There are also tri-colour lights which combine all-round light and side navigation lights. **Material:** Made of tough UV stabilized ABS plastic with shatter-proof acrylic lens, non-magnetic, stainless steel electrical contacts and a nitrile water-resistant seal to provide reliable long life. **Housing:** Available in black and white housing.



CLASSIC 12 All-round Lights

Visible distance: 2nm, Bulb (included): 12V / 10W

Code	30111	30112	30113	30114	30133
Description	White	Green	Red	Tri-colour	White
Housing	Black				White

Bulb in blister 12V/10W, BA15S, C2R

Code 30630

Bulb 12V/10W, BA15S, C2R

Code 00420

Bulb 12V, LED, T18 BA15S, Cool White - 18 LEDs

Code 71228

CLASSIC LED 12 Bulb (BA15S) for All-round Lights, 12/24V DC

Code 72182

Standard Navigation Lights



For boats up to 12m

LALIZAS

CLASSIC 12 Starboard & Port - Bi-colour- Stern - Masthead Lights

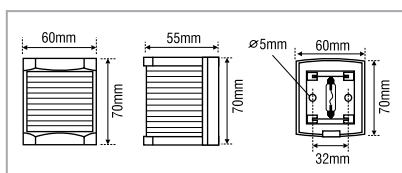
Visible distance: Port - Starboard - Bi-colour: 1nm / Stern - Masthead: 2nm. Bulb (included): 12V / 10W



Code	30091	30092	30093	30094	30095
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°	Bi-colour Light 225°
Housing	Black				



Code	30101	30102	30103	30104	30105
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°	Bi-colour Light 225°
Housing	White				



Bulb in blister
12V/10w, Sv8.5-8,
C8I

Code | 30600



Bulb 12V/10W,
Sv8.5-8,
C8I

Code | 00386



Bulb LED, 12V, T11,
SV8.5-8, Cool White
- 4 LEDs

Code | 71234



CLASSIC LED
12 Bulb Kit,
12/24V

Code | 72183

CLASSIC 12 Combination Lights

The tri-colour version (30429/49) features all-round white and starboard & port lights, while the four-colour version (30439/59) features all-round white, stern and bi-colour light. Both sets are made of UV stabilized ABS plastic, with shatter-proof acrylic lens, non-magnetic stainless steel electrical contacts and a nitrile water-resistant seal to provide reliable long life. Both combinations are available in black and white and can be easily installed.



30429



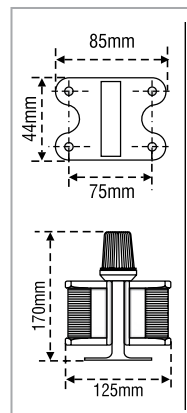
30449



30439



30459



	All-round Light & Starboard & Port Lights		All-round & Stern & Bi-colour Light	
Code	30429	30449	30439	30459
Housing	Black	White	Black	White

Spare Bulb for Navigation Lights



Bulb in blister
12V/10w, Sv8.5-8,
C8I

Code | 30600



Bulb 12V/10W,
Sv8.5-8,
C8I

Code | 00386



Bulb LED, 12V, T11,
SV8.5-8, Cool White
- 4 LEDs

Code | 71234



CLASSIC LED
12 Bulb Kit,
12/24V

Code | 72183



Bulb
12V/10W,
BA15S, C2R

Code | 00420



Bulb in blister
12V/10W, BA15S,
C2R

Code | 30630



CLASSIC LED 12
Bulb (BA15S) for
All-round Lights,
12/24V DC

Code | 72182



Bulb 12V, LED,
T18 BA15S, Cool
White - 18 LEDs

Code | 71228



For boats up to 20m



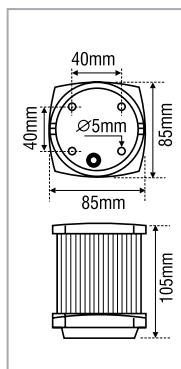
CLASSIC 20

CLASSIC 20 series of navigation lights is designed and type-approved for boats up to 20m. It includes all-round lights: starboard & port lights, stern light, masthead light, and tri-colour one. **Material:** Made of tough UV stabilized ABS plastic with shatter-proof acrylic lens, non-magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life. **Housing:** Available in black and white housing.

All-round Lights

Visible distance: 2nm, Bulb (included): 12V / 25W

Code	30521	30522	30523	30543	30404
Description	All-round Light, Green 360°	All-round Light, Red 360°	All-round Light, White 360°	All-round Light, White 360°	All-round Light, Tri-colour 360°
Housing	Black			White	Black



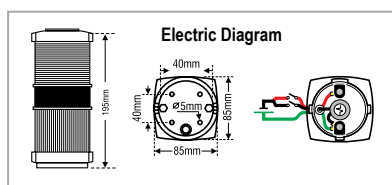
All-round Light, Tri-colour 360°

Housing: Available in black colour

Visible distance: 2nm

Bulb tri-colour (included): 12V / 25W

Anchor light (included): 12V / 25W



Code | 30415

To change the bulb follow the instructions as indicated in the pictures



Unscrew the casing by turning it anticlockwise



Pull the casing, and change the bulbs needed



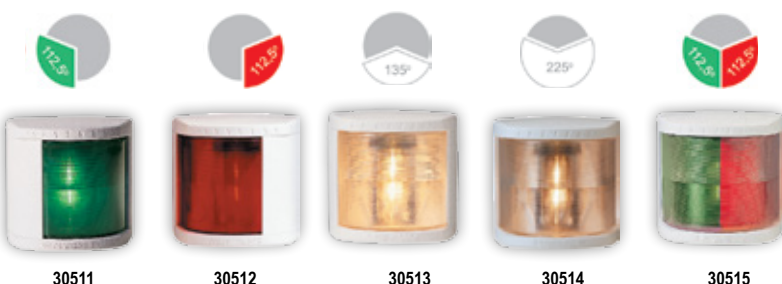
Place the casing by matching the fasteners to the relevant slots and turning clockwise

Electrical Equipment

CLASSIC 20 Starboard & Port - Stern - Masthead - Bi-colour Lights



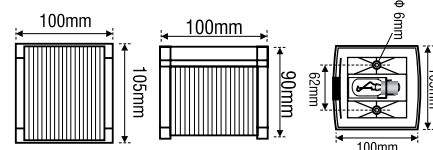
Code	30501	30502	30503	30504	30505
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°	Bi-colour Light 225°
Housing	Black				



Code	30511	30512	30513	30514	30515
Description	Starboard Light 112,5°	Port Light 112,5°	Stern Light 135°	Masthead Light 225°	Bi-colour Light 225°
Housing	White				

Visible distance: Starboard & Port - Bi-colour - Stern: 1nm / Masthead: 3nm

Bulb (included): 12V / 25W



SPARE BULBS FOR NAVIGATION & SIGNAL LIGHTS FOR BOATS UP TO 20m

For use in 12V system



Bulb in blister 12V/25W, BAY15D, C81

Code | 30570



Bulb 12V/25W, BAY15D, C81

Code | 00438

For use in 24V system



Bulb in blister 24V/25W, BAY15D, CC81

Code | 30580



Bulb 24V/25W, BAY15D, CC81

Code | 00439



Bulb LED, 12V, T25 BAY15D, Cool White - 36 LEDs

Code | 71230



CLASSIC LED 20 Bulb (BAY15D), 12/24V

Code | 72184

Standard Navigation Lights



For boats up to 50m

LALIZAS

new

CLASSIC 50

SOON TO BE RELEASED

LALIZAS CLASSIC 50 Navigation Lights (Single & Double) offer reliability, efficiency and optimal visibility at sea. They are used to prevent collisions at night or in times of reduced visibility by providing light signalling for communication between vessels depending on the type and the colour of the light, according to COLREGs 1972. The series includes Starboard, Port, Masthead, Stern, All-round, Towing and Suez Stern Lights, Single or Double (based on the product code).

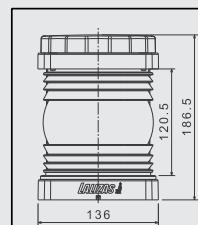
Single



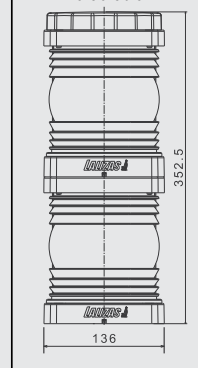
Double



Code	Description	Visible Distance	To be used only with LALIZAS CLASSIC 50 Bulbs*
74746	Starboard Light, 112,5°	2nm	Code 06014 Incandescent Bulb 12V/30W
74747	Port Light, 112,5°		Code 06015 Incandescent Bulb 24V/30W
74748	Masthead Light, White, 225°	5nm	Code 06016 Incandescent Bulb 120V/30W
74749	Stern Light, White, 135°		Code 06012 LED Bulb 12V/24V 3W
74750	All-round Light, White, 360°	2nm	Code 06013 LED Bulb 115V/230V 3W
74751	All-round Light, Red, 360°		
74752	All-round Light, Green, 360°		
74753	All-round Light, Yellow, 360°		
74754	Towing Light, Yellow, 135°		
74755	Suez Stern Light, Red, 135°		



Dimensions are in mm



* The bulbs are not provided with the CLASSIC 50 Navigation Lights. Should be purchased separately.



CLASSIC 50 Incandescent Bulb 12V/30W for Navigation Lights 74746 - 74763

Code | 06014



CLASSIC 50 Incandescent Bulb 24V/30W for Navigation Lights 74746- 74763

Code | 06015



CLASSIC 50 Incandescent Bulb 120V/30W for Navigation Lights 74746- 74763

Code | 06016



CLASSIC 50 LED Bulb 12/24V 3W for Navigation Lights 74746-74763

Code | 06012



CLASSIC 50 LED Bulb 115/230V 3W for Navigation Lights 74746-74763

Code | 06013

Electrical Equipment

LED Utility Lights

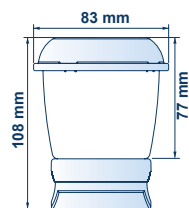
Nuova Rade

Solar Powered Marine Light

- The light is detachable from its base (for winter storage, reading, dining)
- Can be combined with Nuova Rade Antenna Rail Mounts
- IP65
- Italian design
- Solar panel with high charging capacity
- Rechargeable battery of 800mAh capacity to ensure operation of more than 10 hours
- Three powerful LEDs provide all around luminosity of 1,2 cd to be also used as anchor indicating light



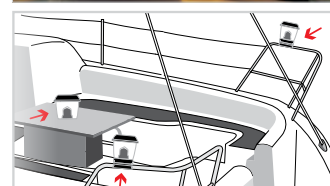
Code | 198137



3000K

Easy installation

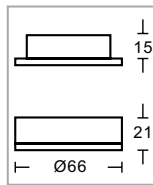
Permanent rail mounting base suitable for 19 mm - 25 mm boat rails



Downlight

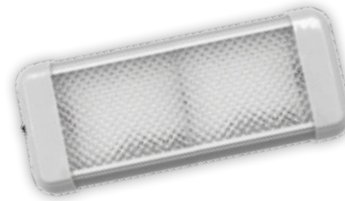


Code | 72396



- Chromed housing
- Ø66mm
- Warm white
- 3000K
- 12 & 24V DC, Multivolt
- 3W
- IP20
- Dimmable
- Surface or flush mounted

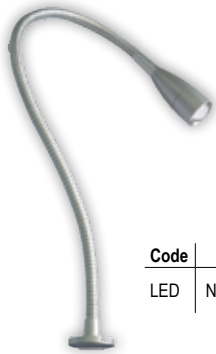
Dome Light, Rectangle, with Switch



Code | 72387

- Aluminium housing
- 260x100mm
- Cool white
- 5000K
- 12 & 24V DC, Multivolt
- 9,6W
- IP20
- With switch

Flexible Reading Light



Code	72390	72391
LED	Neutral White	Red

- Satin nickel
- Bullet Head Ø28x55mm
- Flexible arm Ø10x435mm
- Neutral white or red
- 4000K
- 12 & 24V DC, Multivolt
- 1W
- With switch
- Dimmable

Dome Light, with 3-Position Switch



- White housing
- Ø140mm x 40mm
- White or red
- 4000K
- 3-position switch
- 12 & 24V DC, Multivolt
- 0,2W (white) / 1W (red)

Code | 72407

Dome Light, 12 LEDs

- White or chrome housing
- Ø75mm
- Neutral white
- 4000K
- 12 & 24V DC, Multivolt
- 0,4W
- IP67 (100% sealed)
- Surface mounted

Code	70672	70673
Housing	White	Chrome



Dome Light, Flush mounted

- White or chrome housing
- Ø75mm
- Neutral white
- 4000K
- 12 & 24V DC, Multivolt
- 1W
- IP67 (100% sealed)
- Dimmable
- Flush mounted

Code	30723	30743
Housing	White	Chrome



Dome Light, Round, with Switch

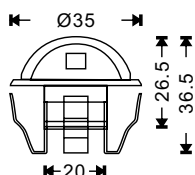
- White or chrome housing
- Ø143mm
- Neutral white
- 4000K
- 12 & 24V DC, Multivolt
- 4,8W
- IP20
- With switch
- Surface mounted

Code	72381	72382
Housing	White	Chrome





Courtesy, No-glare



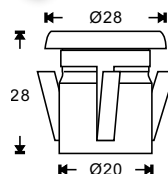
- Chromed housing
- Ø 35mm
- Neutral white / blue



- 12V DC
- 0,2W
- IP65
- Dimmable

Code	72394	72395
LED	Neutral White	Blue

Courtesy Light, Round



- Inox 316
- Ø 28mm
- Neutral white / blue



- 12 & 24V DC Multivolt
- 0,6W
- IP67 (100% sealed)
- Dimmable

Code	72392	72393
LED	Neutral White	Blue

Underwater Light



- Inox 316
- Ø 94mm
- RGB (red/green/blue)



- 12V DC
- 12W
- IP68 (100% sealed)
- Surface mounted
- Working with RGB controller

Code | 72398



RF RGB Controller for Underwater Light 72398

Code | 72494

Underwater Light



- Inox 316
- Ø 94mm
- Neutral white
- 12 & 24V DC, Multivolt



- 10W
- IP68 (100% sealed)
- Dimmable
- Surface mounted

Code | 72397

Tape, 3m, Waterproof



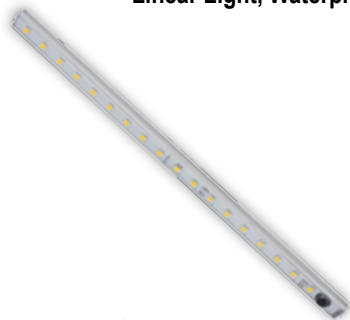
- Flexible PCB with 60LEDs/m
- 3m/roll x 11mm
- Warm white



- 12V DC
- 14.4W/m
- IP67 (100% sealed)
- With 6 end caps
- Dimmable installation options
- 3M adhesive tape
- Clips & screws (included 10pcs)

Code | 72389

Linear Light, Waterproof, 50cm



- Aluminium base
- 500x16,8mm
- Neutral white



- 5,5W
- 12 & 24V DC, Multivolt
- IP67 (100% sealed)
- With switch
- Dimmable
- Surface mounted

Code | 72388

Swivel Lamp, 30 LEDs



- Aluminium housing
- 470x33mm
- Neutral white



- 12 & 24V DC, Multivolt
- 5,1W
- IP20
- Swivel (180°) with switch

Code | 70685

Swivel Lamp, 10 LEDs



- Aluminium housing
- 225x33mm
- Neutral white



- 12 & 24V DC, Multivolt
- 1,95W
- IP20
- Swivel (180°) with switch

Code | 70684

Dome Light, LED, with Movement & Light Sensor



- Material: ABS
- Bulb type: 6 LED
- Batteries: 4AA
- Automatically activated by an infrared sensor IP54

Code | 70016

Dome Light / Trailer Light,
25 LEDs, Black

Code | 71236

- 200x58x30mm
- 12 & 24V DC, Multivolt
- 2,6W
- 187,5 lm
- Waterproof

Dome Light / Trailer Light,
4 LEDs, Black, 2 pcs

Code | 71237

- 77x36x21mm
- 12 & 24V DC, Multivolt
- 2,6W
- 15 lm
- Waterproof

Dome Light / Trailer Light, 12 LEDs,
Black, 2 pcs

Code | 71235

- 104x60x26mm
- 12 & 24V DC, Multivolt
- 2,6W
- 90 lm
- Waterproof

Spotlights



Flood Light

Code	72383	72384
Housing	Black	White

- Aluminium housing
- Ø90mm
- Cool white



- 12 & 24V DC, Multivolt
- 9W
- 600lm
- IP67 (100% Sealed)
- SS304 mounting bracket

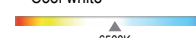


Flood Light

Code | 72385



- White aluminium
- 66x66mm
- Cool white



- 12 & 24V DC, Multivolt
- 12W
- 900lm
- IP67 (100% sealed)
- SS304 mounting bracket



Flood Light

Code | 72386

- White aluminium
- 145x46mm
- Cool white



- 12 & 24V DC, Multivolt
- 18W
- 1350lm
- IP67 (100% sealed)
- SS304 mounting bracket



Flood Light

Code | 72380

- White aluminium
- Ø 116mm
- Cool white

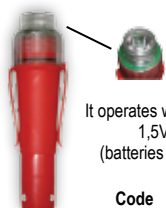


- 12 & 24V DC, Multivolt
- 27W
- 2025lm
- IP67 (100% sealed)
- SS304 mounting bracket

Flashlights



Liferaft LED Flashlight



It operates with AA Alkaline
1,5V x 2pcs
(batteries not included)

Code | 71217

Flashlight, 4 LEDs, 2AA



- Material: Rubber
- Bulb Type: 4 LED
- Voltage: DC 3.0Vlt
- Batteries: 2AA
- Water resistant

Code | 70013

Flashlight, 5 LEDs, 4AA



- Material: ABS
- Bulb type: 5 LED
- Light beam: 20m
- Batteries: 4AA
- Water-resistant up to 2m
- Suitable for diving

Code | 70012

Latern LED, 4AA



- Material: ABS & PVC
- Bulb type: 8 LED
- Life time of the LED: 80,000h
- Working modes: 4LED/8LED
- Batteries: 4AA

Code | 70015

Headlamp, LED, 3AAA



Code | 31371

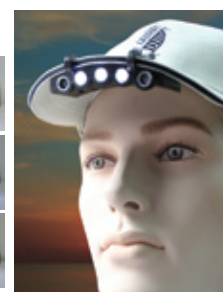
- Material: ABS
- Bulb type: 8 LED
- Batteries: 3AAA
- Working modes: 2LED / 4LED / 8LED / OFF
- Waterproof Level
- Diameter: 68mm
- Size: 30x77mm
- Weight: 95.3gr

Cap Light LED, 2 x CR2032



Code | 70014

- Material: ABS
- Bulb type: 5 LED
- Life time of the LED: 100,000hrs
- Working modes: 1LED/3LED/5LED
- Batteries: 2xCR2032 (lithium)



Tinned Marine Cables



Code	Description	Sectional Area (mm²)	Temperature (°C)	Overall Diameter (mm)	Uses
70351	Marine Cable, Single Core, Tinned, 1x1,5 mm², Black	1,5	≤ 105	3	Indoor & Outdoor Lighting / Navigation Lights
70352	Marine Cable, Single Core, Tinned, 1x1,5 mm², Red	1,5		3	
70353	Marine Cable, Single Core, Tinned, 1x2,5 mm², Black	2,5		3,6	
70354	Marine Cable, Single Core, Tinned, 1x2,5 mm², Red	2,5		3,6	
70355	Marine Cable, Single Core, Tinned, 1x6 mm², Black	6		5	Medium Load Appliances / e.g. Refrigerator
70356	Marine Cable, Single Core, Tinned, 1x6 mm², Red	6		5	
70359	Marine Cable, Single Core, Tinned, 1x16 mm², Black	16		10	
70360	Marine Cable, Single Core, Tinned, 1x16 mm², Red	16		10	
70361	Marine Cable, Single Core, Tinned, 1x25 mm², Black	25		11,5	Battery Connections / Anchor Winch Supply
70362	Marine Cable, Single Core, Tinned, 1x25 mm², Red	25		11,5	
70363	Marine Cable, Single Core, Tinned, 1x35 mm², Black	35		13	
70364	Marine Cable, Single Core, Tinned, 1x35 mm², Red	35		13	
70365	Marine Cable, Single Core, Tinned, 1x50 mm², Black	50		15	
70366	Marine Cable, Single Core, Tinned, 1x50 mm², Red	50		15	
70367	Marine Cable, Single Core, Tinned, 1x70 mm², Black	70		17	
70370	Marine Cable, Single Core, Tinned, 1x70 mm², Red	70		17	
70371	Marine Cable, Single Core, Tinned, 1x95 mm², Black	95		20	
70372	Marine Cable, Single Core, Tinned, 1x95 mm², Red	95		20	
70368	Marine Cable, Twin core, Two Core, Tinned 2x1,5 mm², Black	1,5		7	Small Loads / e.g. Lighting, Small Bilge Pumps
70369	Marine Cable, Twin Core, Tinned 2x2,5 mm², Black	2,5		9,4	



Cable Outlet, Waterproof

Code	For Cable (mm)	Base Diam. (mm)
99072	6	38
99073	8	38
99595	10	38



Cable Outlet, Hexagonal, Waterproof

Code	For Cable (mm)	Base Diam. (mm)
99737	10	50,5
99739	12	38
99736	19	50,5

Cable Terminals



Multi - Stack Connector

Code	Colour	For Cable (mm²)	Packing (pcs)
71240	Red	0,25 - 1,5	20
70484	Blue	1 - 2,5	20



Packing



Butt Connector

Code	Colour	For Cable (mm²)	Packing (pcs)
70489	Red	0,25 - 1,5	30
70490	Blue	1 - 2,5	25
70491	Yellow	2,5 - 6	13



Fully Insulated Disconnect - Double Crimp

Code	Colour	For Cable (mm²)	Packing (pcs)
70481	Red	0,25 - 1,5	20
70482	Blue	1 - 2,5	20
70483	Yellow	2,5 - 6	15



Ring Connector

Code	Colour	Diameter (mm)	For Cable (mm²)	Packing (pcs)
70465	Red	4,3	0,25 - 1,5	50
70466		5,3		40
70467	Blue	4,3	1 - 2,5	40
70468		5,3		35
70469		6,4		25
70470	Yellow	5,3	2,5 - 6	15
70471		6,4		15



Disconnect - Double Crimp, Female

Code	Colour	For Cable (mm²)	Packing (pcs)
70475	Red	0,25 - 1,5	65
70476	Blue	1 - 2,5	45
70477	Yellow	2,5 - 6	25



Snap Plug, Female

Code	Colour	For Cable (mm²)	Packing (pcs)
70492	Red	0,25 - 1,15	20
70493	Blue	1 - 2,5	20
70494	Yellow	2,5 - 6	15



Flanged Space Connector

Code	Colour	Diameter (mm)	For Cable (mm²)	Packing (pcs)
70485	Red	4,3	0,25 - 1,5	50
70486	Blue	4,3	1 - 2,5	40
70487		5,3		35
70488	Yellow	5,3	2,5 - 6	20



Disconnect - Funnel Entry, Male

Code	Colour	For Cable (mm ²)	Packing (pcs)
70478	Red	0,25 - 1,5	55
70479	Blue	1 - 2,5	45
70480	Yellow	2,5 - 6	25



Snap Plug, Male

Code	Colour	For Cable (mm ²)	Packing (pcs)
70495	Red	0,25 - 1,5	50
70496	Blue	1 - 2,5	45
70497	Yellow	2,5 - 6	25



Pin Terminal

Code	Colour	For Cable (mm ²)	Packing (pcs)
70472	Red	0,25 - 1,5	40
70473	Blue	1 - 2,5	35
70474	Yellow	2,5 - 6	15

Switch Panels & Accessories

Switch Panel Base, with Switch & Fuse, Black

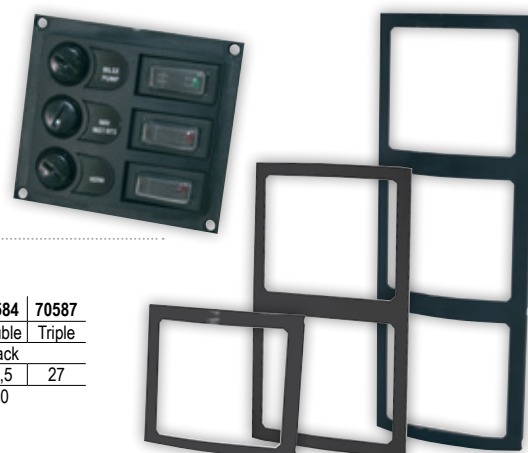


The Switch Panel Base is made of hard plastic and is designed to fit in small and medium size boats. Switches on the panel include LED lights (31391), to indicate that the electrical devices on your boat receive electricity. The switches are covered with a plastic, waterproof cover to protect them from UV radiation, water and salt. Fuse holders (31392) on the panel hold 6,3A fuses and have a maximum loading of 10A. The fuses are made of polymer PTC, which stops electricity-flows in case of a short circuit. The switch panel base is combined with the frames 70581, 70584 & 70587 to meet your needs for 3, 6 or 9 switches on the central panel of your boat. It is supplied with functional labels, which indicate the type of device that each switch controls.

Additional features:

- On-Off switches
- For use only in 12/24V DC
- Maximum loading 10A
- Completely wired and ready to install

Code	Colour	Switches	Voltage (V)
70578	Black	3 On-Off	12/24



Electrical Equipment

Switch Panel Frame, Black

Switch panel frames are made of hard plastic and are combined with the 70578 base. These frames hold one (70581), two (70584) or three (70587) switch panels which give you the option to have three, six or nine switches in line.

Code	70581	70584	70587
Description	Single	Double	Triple
Colour	Black		
Length (cm)	9,5	18,5	27
Width (cm)	10		

Combine with
Tinned Marine Cables
page 344

Function Labels for
Switch Panels, 24pcs

Code	70589
------	-------

Switch Panel Key,
ON-OFF, 12V/24V

Code	31391
------	-------

Switch Panel Key,
MON-OFF, 12V/24V

Code	70588
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Pump Switch, Inox 316

LALIZAS Pump Switch allows you to operate your boat's bilge pump automatically, manually or even switch it off. It is water-resistant, with indication light so that you know when the device is operating. Made of Inox 316 for durability and lifetime protection against corrosion. It is available in charcoal colour.



Additional features

- Auto-Off-Manual switch
- For use only in 12/24V. Max. load per switch: 15A
- Coated with electrostatic paint
- Completely wired and ready to install
- 2 year warranty

INOX
3162
YEARS
GUARANTEE

Code	Switch	Dimensions (cm)		Colour	Voltage (V)
		Height	Width		
31301	Auto-Off -Manual	7	6,5	Charcoal	12-24

Windlass Switch with Light, Inox 316, Charcoal, 12/24V



- Mon-Off-Mon switch
- For use only in 12/24V. Max. load per switch: 15A
- Coated with electrostatic paint
- Completely wired and ready to install
- 2 year warranty

Code	Switch	Dimensions (cm)		Colour	Voltage (V)
		Height	Width		
99693	Mon-Off-Mon	7	6,5	Black	12-24

"SP Ultra" Switch Panel, Inox 316

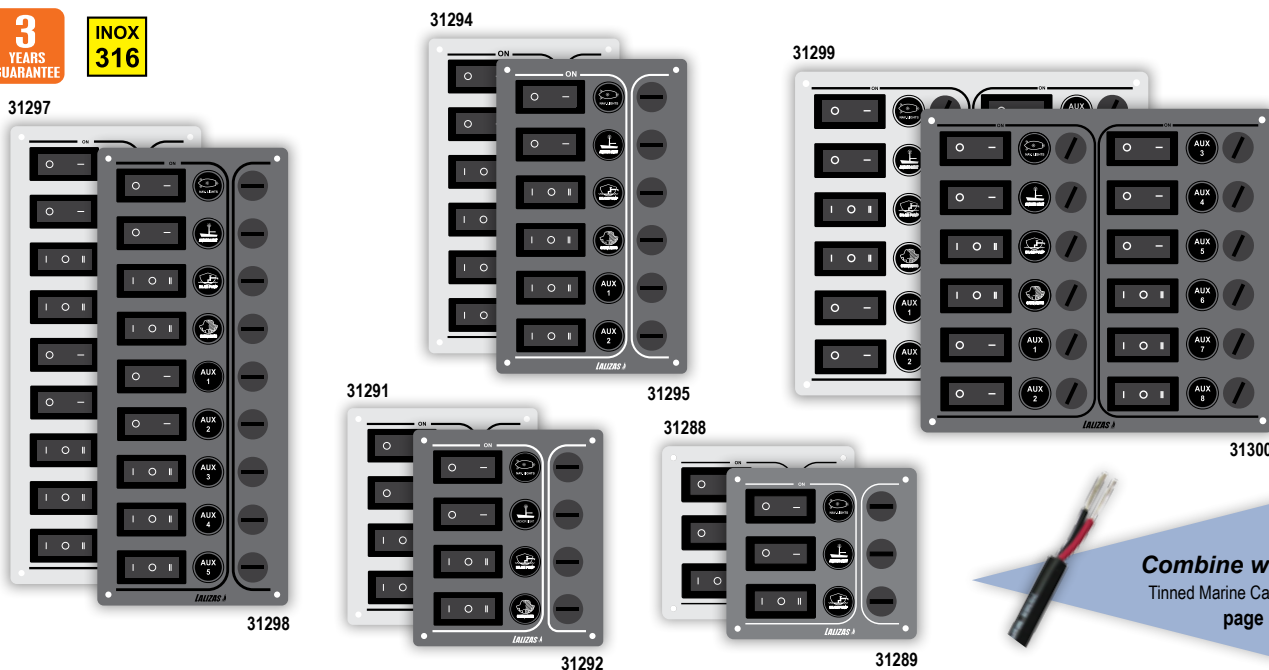
LALIZAS Switch Panels "SP Ultra" have been especially designed for use on small and medium sized boats. They allow you to control any desired device, such as bilge pumps, navigation or cabin lights etc. at the touch of a button. They feature waterproof switches for the protection against water. Made of brushed Inox 316 for durability and resistance to corrosion and harsh conditions. They are available in five models with 3, 4, 6, 9 and 12 switches and in two colours (as per table).

Additional features:

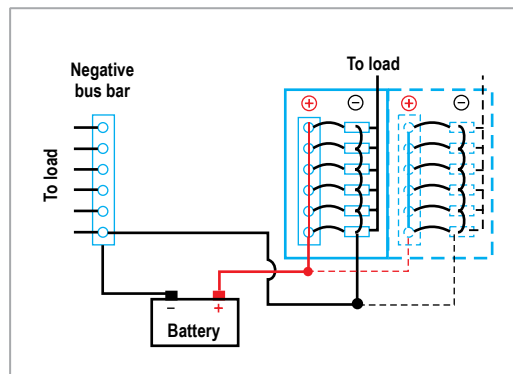
- On-Off switches
- For use only in 12/24V DC. Max. load per switch: 10A
- Panels in charcoal colour are coated with electrostatic paint
- Completely wired and ready to install
- 3 year warranty

3
YEARS
GUARANTEE

INOX
316



Code	Description	Colour	Switches	Dimensions (cm)		Voltage (V)
				Height	Width	
31288	"SP3" Ultra	Inox	2 ON-OFF, 1 ON-OFF-MON	9	10	12/24
31289	"SP3" Ultra	Charcoal	2 ON-OFF, 1 ON-OFF-MON	9	10	12/24
31291	"SP4" Ultra	Inox	2 ON-OFF, 1 ON-OFF-MON, 1 ON-OFF-ON	11,5	10	12/24
31292	"SP4" Ultra	Charcoal	2 ON-OFF, 1 ON-OFF-MON, 1 ON-OFF-ON	11,5	10	12/24
31294	"SP6" Ultra	Inox	2 ON-OFF, 1 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	16,5	10	12/24
31295	"SP6" Ultra	Charcoal	2 ON-OFF, 1 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	16,5	10	12/24
31297	"SP9" Ultra	Inox	4 ON-OFF, 2 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	24	10	12/24
31298	"SP9" Ultra	Charcoal	4 ON-OFF, 2 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	24	10	12/24
31299	"SP12" Ultra	Inox	7 ON-OFF, 2 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	18	16,5	12/24
31300	"SP12" Ultra	Charcoal	7 ON-OFF, 2 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF	18	16,5	12/24

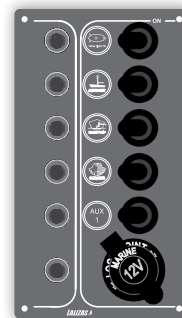
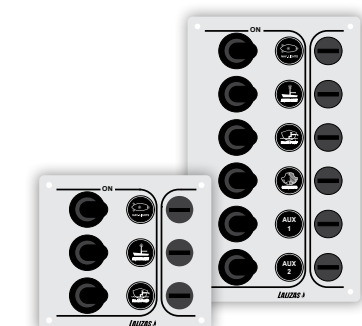


Switch Panel "SP Economy", Inox 316

LALIZAS Switch Panels "SP Economy" have been especially designed for use on small and medium sized boats. They allow you to control any desired device, such as bilge pumps, navigation or cabin lights etc. Both switches and fuse holders are waterproof for protection against water. Made of Inox 316 for durability and resistance to corrosion & available with 3 and 6 toggle switches.

Switch Panel, 5 Waterproof Switches & Autom. Fuses, Inox 316, 12V

- With charging socket
- Inox 316



Code	Description	Colour	Switches	Dimensions (cm)		Voltage (V)
				Height	Width	
31380	"SP3 Economy"	Inox	2 ON-OFF, 1 ON-OFF-MON	9	10	12/24
31381	"SP6 Economy"	Inox	2 ON-OFF, 1 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF-MON	9	10	12/24

Code	Switches	Dimensions (cm)		Voltage (V)
		Height	Width	
70990	2 ON-OFF, 1 ON-OFF-MON, 1 ON-OFF-ON, 1 MON-OFF-MON	17	10	12/24



Fuse Holder, with Fuse, 10A, 250V

Code | 70959



Toggle Switch ON-OFF, 2 Positions, 12V/24V

Code | 01888



Toggle Switch, ON-OFF-ON, 3 Positions, 12V/24V

Code | 01889



Toggle Switch MON-OFF-MON, 3 Positions, 12V/24V

Code | 01890



Automatic Waterproof Thermal Fuse, 10A

Code | 31395



Switch Panel Key, ON-OFF, 12V/24V

Code | 31391



Switch Panel Key, MON-OFF, 12V/24V

Code | 70588



Switch Panel Key, ON-OFF-ON, 12V/24V

Code | 70956



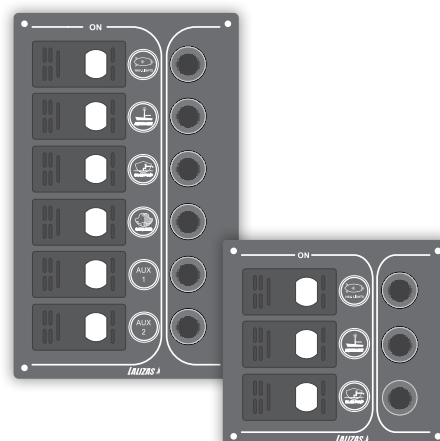
Switch Panel Key, ON-OFF-MON, 12V/24V

Code | 70957

Switch Panel "SP Offshore", Inox 316

LALIZAS Switch Panels "SP Offshore" are mainly designed for exterior use on small and medium sized boats. They have waterproof switches with a LED bulb, indicating when switch is On/Off and automatic thermal switches, which reset for protection against any reverse current. Made of Inox 316 for durability and resistance to corrosion and electrostatic painted in charcoal colour. Available with 3 and 6 waterproof switches.

Code	Description	Colour	Switches	Automatic fuses	Dimensions (cm)		Voltage (V)
					Height	Width	
31384	"SP3 Offshore"	Charcoal	2 ON-OFF, 1 ON-OFF-MON	3	11	12	12
31385	"SP6 Offshore"	Charcoal	2 ON-OFF, 1 ON-OFF-MON, 2 ON-OFF-ON, 1 MON-OFF-MON	6	19,5	12	12



Electrical Equipment



Switch 15A, Waterproof, with LED Light

Code	Positions	Switch
99726	4	ON-OFF
99728	6	ON-OFF-MON
99729	6	MON-OFF-MON
99730	6	ON-OFF-ON



Automatic Thermal Fuse, Waterproof, 10A

Code | 31395



Self-adhesive Transparent Function Labels for 99726, 99728-30, Set of 25pcs

Code | 71208



Self-adhesive Function Labels for Switch Panels, Set of 24pcs

These labels are ideal for use with LALIZAS Switch Panels "SP" and "SP Ultra". They are very simple to mount, easy to read and they are made to withstand long-term use. Each set includes 24 labels.



Code | 11497

Instructions of use

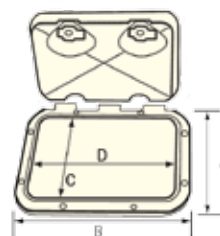
First clean the surface with pure alcohol. Remove the back paper of the label. Attach the latter to the cleaned surface by slightly pressing it. During wintertime, first warm up the top of the labels using a hairdryer, before applying.

Switch Panels & Accessories



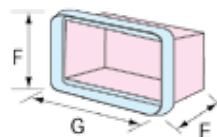
Case for Electrical Control Panel, with Lid, White

Nuova Rade Case for Electrical Control Panel with Lid is ideal for every sailboat or yacht. Available in dimensions of 275 x 375 x 75 mm and in white colour, it can cover the needs of boats of any size. It is ideal for storing the boat's electrical control panel. Made of UV-resistant high-grade ASA plastic, it provides resistance to damage and chemical solvents. Preferably designed for internal use. UV-resistant cover, frame and container with a 150° opening door and a durable handle. It is specially designed with a non-skid surface and can be mounted vertically. This case is mounted with hidden screws for discrete appearance. EPDM rubber gasket provides resistance to water. It guarantees easy opening and easy access when needed.



Code | 196663

A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
275	375	180	280	75	200	300



Fuses & Accessories

Fuse for Switches



Code	71005	71006
Amps	10	15
Diam. Ø	5 mm	



Fuse Holder with Fuse, 10A, 250V

Code | 70959



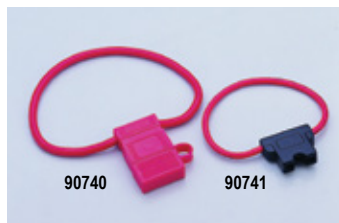
Automatic Thermal Fuse, 10A

Code | 31395

Automotive Fuse



Code	Amps
90742	3
90743	5
90744	10
90745	15
90746	20
90747	25
90748	30



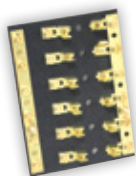
Fuse Holder, Waterproof, Automotive Style Fuse, PVC

Code | 90740

Fuse Holder for Automotive Style Fuse, Bakelite

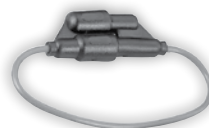
Code | 90741

Fuse & Terminal Block, 12V, 20A



Code	Dimensions (cm)	Contacts
99745	8,3x7,6	4
99746	8,3x12,5	6
99747	8,3x15	8

Fuse Holder, Waterproof, 203mm Loop



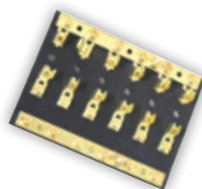
Code	Fuses	Amps	Wire (mm)
99549	2	10	1,3
99550	2	15	1,6

Bus Bars & Terminal Blocks

Bus Bar from Copper

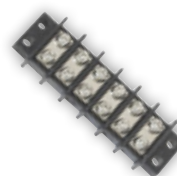


Code	Contacts	Amp
99748	4	150
99749	5	100
99750	6	150
99751	10	150
99752	12	250
99753	20	150



Fuse & Terminal Block 12V, 20A

Code	Dimensions (cm)	Contacts
99745	8,3x7,6	4
99746	8,3x12,5	6
99747	8,3x15	8



Terminal

Code	Contacts
99754	4
99790	6
99791	8



Waterproof Connection Box, 2 Terminal Strips

Code	Contacts
99733	4
99734	8



**Switch Panel Key,
ON-OFF, 12V/24V**

Code | 31391



**Switch Panel Key,
MON-OFF, 12V/24V**

Code | 70588



**Switch Panel Key,
ON-OFF-ON, 12V/24V**

Code | 70956



**Switch Panel Key,
ON-OFF-MON, 12V/24V**

Code | 70957



**Toggle Switch, ON-OFF,
2 Positions, 12V/24V**

Code | 01888



**Toggle Switch, ON-OFF-
ON, 3 Positions, 12V/24V**

Code | 01889



**Toggle Switch, MON-OFF-
MON, 3 Positions, 12V/24V**

Code | 01890



**Toggle Switch,
ON-OFF-MON,
3 Positions, 12V/24V**

Code | 70958



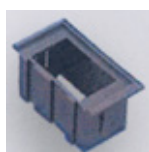
**Switch 15A, Waterproof,
with LED Light**

Code	Positions	Switch
99726	4	ON-OFF
99728	6	ON-OFF-MON
99729	6	MON-OFF-MON
99730	6	ON-OFF-ON



**Push Button Horn Switch,
12V, 10A, with Rubber
Protector**

Code | 99041



**Frame for Switch
on the Two Sides,
for 99726-99730**

Code | 99731



**Frame for Switch
on the Central
Part, for 99726-
99730**

Code | 99732



**Push Button Horn Switch, 20A,
Waterproof, Ø16mm, L 73mm**

Code	Cap
98707	Red
98708	Black



**Push Pull Switch, 12V,
5A, Ø 8mm, L7mm,
Chrome Plated, Brass
Knob**

Code | 99034



**Push Button Switch, 12V,
Ø 16mm, L32mm, Chrome
Plated, Brass Knob**

With caoutchouc cover

Code | 99040



**Push Pull Switch, 12V,
20A, Ø 9.5mm, L30mm,
Chrome Plated, Brass Knob**

Code	Switch
99036	On-Off
99037	On-Off-On



**Push Button Switch, 12V,
20A, Chrome plated,
Brass Knob**

Code	Dimensions (mm)
99038	Diam.: 16 / L.: 32
99039	Diam.: 12,7 / L.: 32



**Horn Starter Button,
Push Pull On/Off, 2 Positions,
12V, 20A, Ø 9.5mm, L78mm**

Code | 98705



**Horn Starter Button,
Push Pull On/Off, 3 Positions,
12V, 20A, Ø 9.5mm, L97mm**

Code | 99545



**Horn Starter Button Switch,
12V, 20A, Ø 16mm, L70mm**

Code | 99546



**Horn Starter Button,
On/Off, 2 Positions, 12V,
20A, Diam.8mm, L40mm**

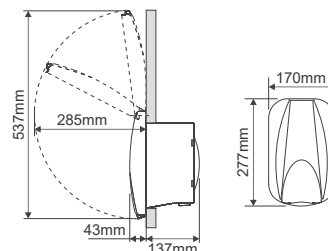
Code | 99547

Case for Electric Power Shore Center, White

Nuova Rade high quality Cases for Electric Power Shore Center are ideal for controlling high current devices such as winches, capstans, and other equipment. Contain an ASA outer case that makes them impervious to hydrocarbons and temperature fluctuations. Have a hinged cover that is resistant to shocks and UV-rays. They are pre-wired for easy installation to the boat's network. Comes with a bi-polar residual circuit breaker and LED indicator when switched on. With European plug. Maximum Voltage of 220V.



Code	Voltage (V)	Current (A)
53249	220	16
53250	220	32



53249

53250

Plug, Male, 16A, 220-240V, Blue

Code | 90394

Plug, Male, with Safety Ring, 16A, 220- 240V, Blue

Code | 90397

Plug, Female, with Safety Cover, 16A, 220-240V, Blue

Code | 90396

Plug, Female, with Cover, 16A, 220-240V, Blue

Code | 90395

Cord Set with Female Plug 16A & Schuko Connector 16A, 220-240V, 30cm Cable, Blue

Code | 90398



Marine Plug and Socket, Set, 12V

The Marine Plug and Socket Set is ideal for all devices that need electrical power to operate, such as mobile phones, flashlights etc. Made of corrosion resistant nylon material, it is equipped with a built-in 5A fuse and a luminous LED power indicator light. It features a watertight cap to prevent water intrusion and an interconnecting system that securely locks the plug into the socket. It is suitable for use only in 12V DC and is available in black colour.

Code | 31306



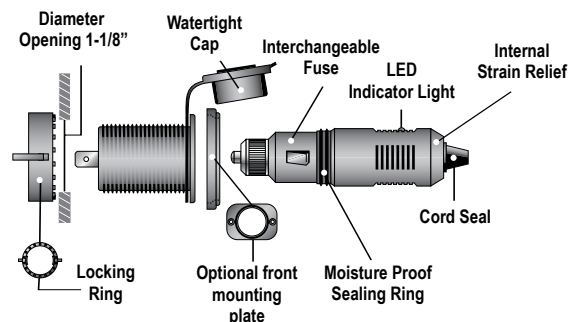
Marine Plug, 12V

Code | 31350



Marine Terminal Socket, 12V

Code | 31307



Dual Port USB Socket, 12/24V DC

- Short circuit & overheat protection
- Suitable for all smartphones & tablets charging
- Fast charging at full speed 2,4A (for iPad & iPhone) / 1A (for Androids)
- 100% water-resistant with protection cap closed

Code | 72484



Input voltage: 12/24V DC
Output voltage: 5V DC

16 Amps (30A) / 220V - 250V

Power Inlet, Inox 316, 16Amp (30A) / 220V 50Hz

- Easy lock system
- Soft touch cap design
- Rear safety enclosure with strain relief

Code | 98275



Female Connector, 16Amp (30A) / 220V



Code | 98278



Waterproof Cover with Threaded Ring for 98278

Code | 98280



Plug & Socket, Set

Code	99776	99777	99778	99779	99780	99781	99782	99783	99784	99775	99788	99789
Amps	3	3	3	5	5	5	3	3	3	5	5	5
Pins	2	3	4	2	3	4	2	3	4	2	3	4
Cap	Brass						Plastic					

Solar Panels



Solar Panel, Monocrystalline

- State-of-the-art technology in cell manufacturing and encapsulation results in maximum reliability combined with minimum maintenance.
- High resistance to water, abrasion, hail impact and other environmental factors
- Anodized aluminium alloy frame
- Low iron, high transparency, tempered glass cover
- Designed and manufactured to comply with European and International standards



Warranty:
Limited warranty on power output
Warranty: 10 years 90% - 20 years 80%

Combine with
Tinned Marine Cables
page 344

Code	70904	70905	99210	70906	99211	99212	99213	99214
DIMENSIONS & SPECIFICATIONS								
Cell Type	Monocrystalline							
Cell Dimensions (mm)	125x125							
Length (mm)	280	320	454	485	554	636	770	1195
Width (mm)	195	294	294	360	449	554	668	545
Thickness (mm)	18	18	18	20	25	30	30	35
Weight (Kg)	0,7	1,2	1,9	2,3	2,9	4,3	6,1	8,5
ELECTRICAL SPECIFICATIONS								
Maximum Power Rating (W)	5	10	15	20	30	50	75	100
Tolerance of the rated output power	±3%							
Short circuit current (A)	0,29	0,58	0,89	1,19	1,73	2,88	4,32	5,85
Open circuit current (V)	22,64	22,64	22,13	22,58	22,64	22,64	22,64	22,54
Rated Voltage (V)	18,57	18,57	18,44	18,82	18,57	18,57	18,57	18,78
Rated Current (A)	0,27	0,54	0,82	1,08	1,62	2,70	4,04	5,34
Maximum permitted system voltage (V)	12							

Solar Panels' General Use

Code	Watt	Use
70904	5	Ideal for the maintenance and/or charging of small batteries (mobile, laptop etc.). It can also be used for trickle charging (maintenance) of the batteries so as to be ready for use at all times.
70905	10	
70905	10	Ideal for the maintenance of one or two batteries on the boat. Suitable for charging portable electronic devices & for the maintenance of small or medium size batteries, so as to keep them charged during the boat's winterization.
99210	15	
70906	20	Ideal solution for the maintenance and charging of one or two medium capacity batteries on the boat, used for all the applications. Batteries' protection during the boat's winterizing.
99211	30	
99212	50	
99212	50	Suitable for charging big capacity batteries used for all the applications on the boat. Ideal for charging the batteries used for a small cabin's electricity, the boat's fishing tools, etc.
99213	75	
99213	75	Suitable for charging batteries of big capacity used for all the applications on the boat. Ideal for charging the batteries used for the cabin's electricity, the continuous function of the refrigerator, the heating, etc.
99214	100	

Note: The solar panels mentioned in this table can either be installed separately or as an array (in a row) of two or more panels, according to the boat's electricity needs and batteries' capacity.



Solar Charge Controller, 12/24V

General Characteristics

- Automatic lighting control function
- Ideal for areas with increased humidity, such as boats, outdoor pathway lighting, parking areas etc.
- Suitable for 12/24V lamps
- Selection of the battery type (AGM, Flood & Gel)
- Waterproof (IP67)
- 100% protection against humidity

Technical Specifications

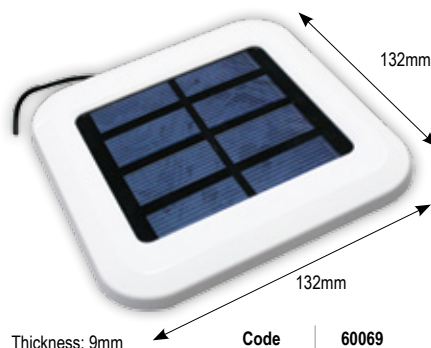
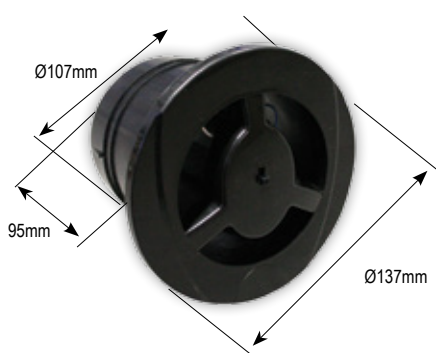
- Type of charging: 4 stages PWM charging (Bulk – PWM – Boost – Float)
- Rated solar input: 10A
- Rated load: 10A
- Regulation voltage: 14.4V
- Load disconnect: 11.08V
- Load reconnect: 12.58V
- Self-consumption: Max. 6mA
- Temperature: -35 to +55
- Terminals: For 2.5mm cables
- Protection against short circuit, over current, overload, reverse polarity, battery reverse current at night, high load voltage
- LED indications for charging, battery levels, low voltage, disconnect, etc.
- Weight: 250gr
- Dimensions: 140x70mm

Code | 90287



Blower for Autonomous Solar Powered Fan

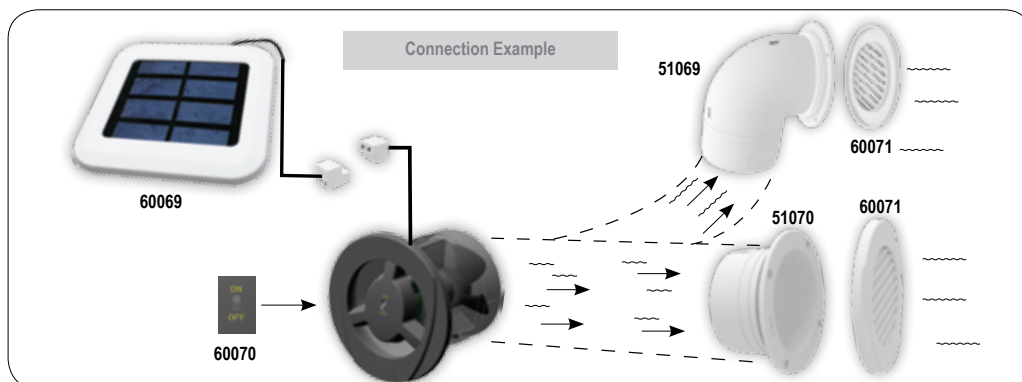
Code	Volt	Battery
60070	1.2	✓
60065	12	-



Solar Cell for Autonomous Solar Powered Fan

Code | 60069

Connection Example



Inverters

Modified Sine Wave Inverter

A power inverter is an electronic device that converts low voltage 10-15V DC (direct current) battery power to 220 - 230V AC (alternating current) household power, when shore power is not available. Power inverters are ideal for trips with the boat or car to power laptops, cell phones and many other appliances. There is protection against overload, over temperature and low battery conditions, with the automatic shutdown of the power inverter. A cigarette lighter plug is included. Available in 150W, 300W, 500W & 1000W.



Code	31373	31374	31375	31376
Max. Continuous Power (W)	150	300	500	1000
Peak Power (W)	300	600	1000	2000
Input Voltage Range (V)	10 - 15			
Output Voltage (V)	220 - 230			
Frequency	50 Hz			
Dimensions (L x W x H mm)	150x105x55	150x105x55	180x105x55	240x150x70
Weight (Kg)	0,5	0,6	0,74	2,3

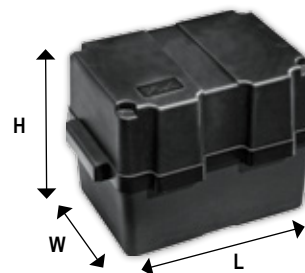




Battery Box up to 80Ah

- External dimensions (LxWxH): 340x230x250mm
- Internal dimensions/Maximum battery size (LxWxH) = 280x195x230mm
- Designed for batteries up to 280mm long (of group sizes 24, 25, 34, 35, among others)
- Mounting equipment: Includes durable hold-down fastening strap and foot clamps that secure the strap onto the supporting surface (screws not included)

- Restrains battery movement
- Collects battery acid
- Made of polypropylene
- Acid, UV and heat resistant
- Side handles to facilitate transportation
- Lift-off lid for unobstructed inspection
- Cable ports for untangled, safe cables



Code | 196508

Battery Box up to 100Ah

- External dimensions (LxWxH) = 431x257x256mm
- Internal dimensions / Maximum battery size (LxWxH) = 339x199x224mm
- Can hold battery up to 339mm long, of various group sizes (e.g. 46, 53, 92 and others)
- Mounting equipment: Includes durable hold-down fastening strap and foot clamps that secure the strap onto the supporting surface (screws not included)

- Restrains battery movement
- Collects battery acid
- Made of polypropylene
- Acid, UV and heat resistant
- Side handles to facilitate transportation
- Lift-off lid for unobstructed inspection
- Cable ports for untangled, safe cables

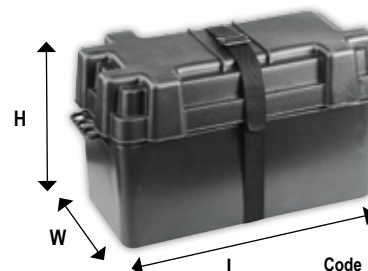


Code | 195539

Battery Box Up To 120Ah

- External dimensions (LxWxH) = 470x225x255mm
- Internal dimensions / Maximum battery size (LxWxH) = 385x175x225mm
- Can hold battery up to 385mm long, of various group sizes (e.g. 27, 49, 93 and others).
- Customizable length: Includes separator that divides the box into partitions, ranging from 50 to 330mm long.
- Mounting equipment: Includes durable hold-down fastening strap and foot clamps that secure the strap onto the supporting surface (screws not included)

- Restrains battery movement
- Collects battery acid
- Made of polypropylene
- Acid, UV and heat resistant
- Side handles to facilitate transportation
- Lift-off lid for unobstructed inspection
- Cable ports for untangled, safe cables



Code | 17518

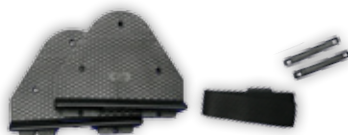
Tips to choose the best fit for your battery

- Ideally, choose the internal dimensions to be equal or slightly larger than your battery
- Use a spacer where it is needed to prevent the battery from moving within the box
- Remember to include the height of the terminals while measuring the battery



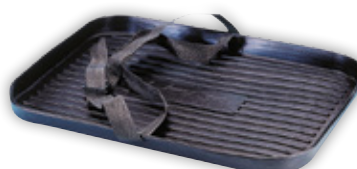
Strap for Fuel Tank/Battery Box Fixing, Length 1,30m

Code | 43895



Bracket for Battery Box/Fuel Tank, with Strap 1,50m

Code | 43897



Universal Base with Strap, 480mm x 35mm x 178mm

Code | 43901

Code | 43760



Protection Covers for Battery Terminals



Battery Terminals, Zinc, Set

Code | 74783



Battery Terminals, Brass, Set

Code | 98733



Battery Terminal, Swan Type

Code | 98734

Battery Accessories



Battery Holder Tray

Code	Length (cm)	Width (cm)
99560	28	17,8
99561	33	17,8



Battery Box Power, Plastic

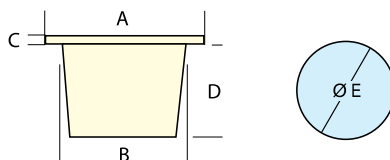
Code	Length (cm)	Width (cm)	Height (cm)
98737	34	20	23
Battery max. dimension	33	19	22

Battery Switches



Case with Battery Switch, with Watertight Lid

It has an integrated battery switch and a case to protect it from external factors. Made of ASA material. Watertight gasket included.



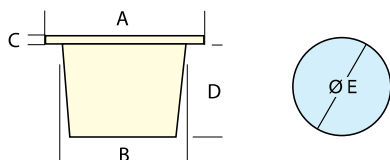
Code	Colour	Capacity
196384	White	100 A (500 A for 10 sec. max)
196385		250 A (1000 A for 10 sec. max)
196388	Cream	100 A (500 A for 10 sec. max)
196389		250 A (1000 A for 10 sec. max)

A (mm)	Ø B (mm)	C (mm)	D (mm)	Ø E (mm)
95	68	5	72	68



Case for Battery Switch with Watertight Lid

It has a UV-resistant outer case made of ASA in order to store the battery and protect it from external factors. Watertight gasket is included.



Code	Colour
196383	White
196387	Cream

A (mm)	Ø B (mm)	C (mm)	D (mm)	Ø E (mm)
95	68	5	72	68

Battery Switch



Code	Max. Current	Shape
99558	100A	Round
195051	250A	
74578	100A	Square
90165	250A	



Battery Switch, Heavy-duty Type, 12V

Code	99970
Continuous	300Amps
Momentary	1000Amps for 10sec



Battery Switch, 4 positions, 12V, for Two Batteries

With ABS cover

Code	91550
Continuous	175 Amps
Momentary	300 Amps



Battery Switch, 12V, for Two Batteries

With bakelite cover

Code	91551
Continuous	175 Amps
Momentary	300 Amps



Two-way Speakers, 100W, 6 1/2", Non-magnetic, with Clip-on Cover, White, Set

Ideal for use in boats, the Two-way Speakers are waterproof and corrosion-resistant while they can be hosed down when the boat is being cleaned. Having non-magnetic design, they don't disturb instruments or compasses and their ASA cover provides improved endurance in both sea and sun exposure. They also feature waterproof and corrosion-resistant mica injection cone with TPU edge and corrosion-resistant silicone coated terminal wire. Can be mounted either horizontally or vertically. Suitable for indoor and outdoor use. Available in white colour. CE approved.

Technical Specifications:

- Impedance: 4 Ohm
- Sensitivity: 90 dB
- Frequency Response 60-18000 Hz
- Max Power 100W (per pair)
- RMS Power 80W (per pair)

Mounting Dimensions:

- Depth: 64mm
- Hole diameter: 136mm
- Magnet: 350g (8oz + 4.3oz)



Code | 74576

2 Way Speaker Set

With Nuova Rade Speakers installed in your boat, you can relax or party - listening to your favourite music. Ideal for use in boats, since they are water (31302 & 31303) and corrosion proof. The 2-way speakers may be mounted both indoors and outdoors.

Technical Specifications

31302

- 5 1/4" 2 Way Speaker Set 80W
- Impedance: 4 Ohm
- Sensitivity: 88db
- Frequency Response: 80-18000 Hz
- Max: 80W (per pair)
- RMS Power: 70W (per pair)
- Material: UV-stabilised ABS plastic
- Dimensions: 5,25"(13,34cm)

Mounting Dimensions

Depth: 53mm, Hole: 115mm
Magnet: 238g (5.4oz + 3oz)

31303

- 6 1/2" 2 Way Speaker Set 100W
- Impedance: 4 Ohm
- Sensitivity: 90db
- Frequency Response: 60-18000 Hz
- Max: 100W (per pair)
- RMS Power: 80W (per pair)
- Material: UV-stabilised ABS plastic
- Dimensions: 6,5" (16,5cm)

Mounting Dimensions

Depth: 64mm, Hole: 136mm
Magnet: 411g (8oz + 6.5oz)



Code	31302	31303
Diameter (Inches)	5' 1/4"	6' 1/2"
Power (W)	80	100
Colour	White	White

Electrical Equipment

Replacement Bulbs

LED



LED Bulb, Multiuse, 10-28V DC

Code	LED Colour
31386	Green
31387	Red

















Code	SMD	Colour	Volt - Lumen	Dimensions	Base Tupe	Filament Types
71225	10	Cool White	12V - 150	Ø 50mm 45mm	G 5.3	MR16
Code	SMD	Colour	Volt - Lumen	Dimensions	Base Tupe	Filament Types
71226	8	Cool White	12V - 90	Ø 35mm 37mm	G 4	MR11
















new			
Code	Volt-Watt	Dimensions (mm)	BAY15D
06012	12V/24V 3W	18 X 60	•
06013	115V/230V 3W		

Replacement Bulbs


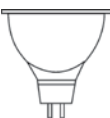

LED




	Code	LED / SMD	Colour	Volt - Lumen	Dimensions (mm)	BASE TYPE						
						 BA9S	 SV8.5-8	 BA15S	 BAY15D	 BA15D	 G4	 W2,1X9,2d
	71227	8 SMD (2x4)	Cool White	12V - 60	11 x 39		●					
	71228	18 LED		12V - 90	15 x 39			●				
	72411									●		
	71229	4 SMD + 1 LED		12V - 37,5	9,2 x 29,5							●
	71230	36 LED		12V - 270	15 x 52,5				●			
	71231	21 LED		12V - 157,5	40 x 30 x 8,2						●	
	71233	4 SMD + 1 LED		12V - 37,5	9 x 25,5	●						
	71234	4 LED		12V - 30	11 x 41		●					

INCANDESCENT BULBS

	Bulb Code	Volt-Watt	Dimen- sions (mm)	BASE TYPE						FILAMENT TYPES		
												
	00438	12V - 25W	15 x 65									
	30570*											
	00439	24V - 25W	25 x 67									
	30580*											
	00440	12V - 10W	15 x 65									
	30590*											
	00386	12V -10W	11 x 41		•						•	
	30600*	41mm										
	00568	12V -10W	11 x 38		•						•	
	30610*	38mm										
	00757	4,8V - 3,6W	9 x 28			•			•			
	30650*											
	00453	1,1V - 0,33W	9,5 x 23			•				•		
	30640*											
	00420	12V - 10W	15 x 34				•		•			
	30630*											
	01184	12V - 5W	10 x 29	•					•			
	30940*											

*Blister

	Bulb Code	Volt-Watt	Dimensions	BASE TYPE	FILAMENT TYPES
					
	02020	12V - 20W	Ø 50mm	G 5.3	MR16/C

new				BASE TYPE	FILAMENT TYPES
	Bulb Code	Volt-Watt	Dimensions (mm)		
	06014	12V - 30W	25 x 68	•	•
	06015	24V - 30W			
	06016	120V - 30W			
	06017	230V - 30W			



Interior Equipment & Galley



Find out all the accessories you need to make the interior space of your boat more comfortable, cozy and enjoyable. Choose within a plenty range of products that suit your decorating style such as weather instruments & clocks, Teak products, buoyant deck cushions, multi-function tools.

At MARINA Stores you can also find all the necessary equipment for your boat's cabin and galley, in order to be prepared for any occasion, just like when you are at home. Discover a variety of products such as: hobs, electric coolers, isothermal coolers, dinnerware, beverage ware & flatware.

Barbecues & Accessories _____	358-359	Weather Instruments & Clocks _____	365-366
Gas Control Valves & Cylinders _____	359	Marine Ashtrays _____	366
Cookers & Hobs _____	360-361	Marine Fans _____	366
Coolers _____	3361-362	Mosquito Repellent _____	366
Dinnerware, Cutlery & Beverageware _____	362-363	Nautical Gifts _____	366
General Use Cases _____	363-365		

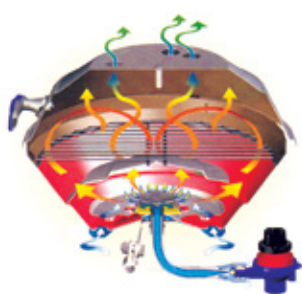


Gas Grill and Stove Combination, "Marine Kettle 3", Inox

Enhance your grilling experience with the Gas Grill and Stove Combination, "Marine Kettle 3". This versatile, portable grill includes features that are both useful and user friendly including an electronic ignition system, powered by a single "AAA" Alkaline battery (included), a heavy-duty inner safety shell that keeps the outside of the grill cooler, guards against discoloration, while adding years of life to the grill. Made in the U.S.A. the mirror polished, 18-8 marine-grade stainless exterior finish provides superior corrosion resistance, in even the harshest environments. The swiveling control valve / regulator allows quick & safe fuel canister exchanges. Additional features include a balanced hinged lid that won't slam shut as the boat rolls, polished, 18-9 Stainless Steel "Stay Cool" handle with air cooled supports, and Stainless Steel L-bracket and clamp assembly to provide easier, more positive level mounting.



Code	Diameter
70113	381mm (15")



Gas Barbecue "Marine Kettle", Inox

"Marine Kettle" gas barbecue is an economic solution for your sailing and/or coastal pursuit. It is both a grill and a stove appropriate for windy climate conditions. The diamond shape of the barbecue allows equal heat distribution the entire grilling area, broiling food smoothly, while the radiant cover above burner sends grease aside. Under the stainless steel barbecue cabinet lays a revolving metal plate, which reduces wind effects. There is a cool handle on the lid of "Marine Kettle", which allows you to supervise food while grilling. The proper fuel for "Marine Kettle" is either a gas canister (70134) or the main propane/butane flow of your boat. Alternatively, it could be directly connected to the control valve regulator on the right side of the barbecue. For propane/butane fuel you need to use a low-pressure control valve (70116) to achieve connection with the barbecue. Control valve regulator activates "Marine Kettle" and adjusts its temperature. You can arrange fuel distance from the barbecue and eliminate gas blowouts through the wind turbo venturi system, which is between the barbecue cabinet and the control valve regulator. "Marine Kettle" complete disassembly is simple to enable fast cleaning. This barbecue could be placed on the rail of your boat or on shore using mounts 70123, 70124, 70125 or 70126 respectively.



Code	Diameter
70114	381mm (15")

Gas Barbecue "ChefsMate" with 1 Pack, Inox

"ChefsMate" barbecue appeals to on-board and on-shore adventure. It comes with portable base, which is ideal for use onshore, while you can use base 70120 or 70121 for mounting the barbecue on the rails. The latter is sold separately from the barbecue. "ChefsMate" is made of brilliant stainless steel with tight fastened lid and funnel bottom shape. Thus, food is grilled smoothly over its single rack. "ChefsMate" functions either with gas canister (70134) or with the main propane/butane flow of your boat. Both the gas canister and the propane/butane flow are adjusted to the control valve regulator, on the right side of the barbecue, in order to start the barbecue up or adjust its heat. Should you prefer to use the propane/butane system of your boat, you will need to use an extra low-pressure control valve (70116). The rack can be easily removed for an easier cleaning of the "ChefsMate".



Code	Grilling Area	Rack Dimensions	
		Width	Length
70112	1.045cm ² (162 sq. in.)	23 cm / 9"	46 cm / 18"

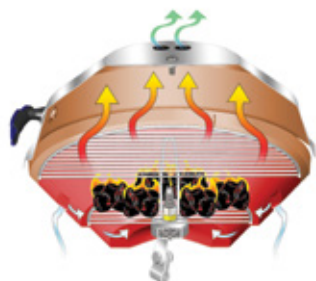


MAGMA

Charcoal Grill, "Marine Kettle", Inox

The time tested original charcoal Marine Kettle® grill now has a hinged lid. Made in the U.S.A., it is meticulously crafted of 100% 18-8 mirror polished stainless steel for maximum corrosion resistance. Its rotating design allows you to determine which direction you would like the lid to open when grilling in windy conditions. You obtain perfect results through use of the adjustable height cooking grill and the variable temperature control draft door assembly. The Marine Kettle® design allows oven type baking to enhance the grill flavor while retaining the natural juices of the food. It will cook more food faster, on less grill area, than any other charcoal grill. Safety and efficiency are obtained by closing the draft door and extinguishing the coals for future use.

Code	Diameter
74440	381mm (15")
74441	432mm (17")



Round Rail Mount



"L" shaped mounts for the horizontal support of "Marine Kettle" and "Marine Kettle 2" (70113 & 70114) on your boat rails. They are easily emplaced and removed without tools. Made of stainless steel and aluminum.

Code	70123	70124
For Round Rail Ø mm (In.)	22-25 (7/8"-1")	29- 32 (1 1/8"- 1 1/4")



Dual Horizontal Round Rail Mount



Dual mounts for the stiff horizontal support of "ChefsMate" barbecues (70112) on boat rails. They are easily emplaced and removed without tools. Made of stainless steel and aluminum.

Code	70120
For Round Rail Ø mm (In.)	22-25 (7/8"-1")



Single Horizontal Round Rail Mount



Single mounts for the horizontal support of "ChefsMate" barbecues (70112) on boat rails. They are easily emplaced and removed without tools. Made of stainless steel and aluminum.

Code	70118
For Round Rail Ø mm (In.)	22-25 (7/8"-1")

Interior Equipment & Galley



Gas Control Valves & Cylinders

MAGMA



Code | 70128

Control Valve Regulator, Type 2, Low Output

Connects the gas canister or propane/butane fuel valve with Magma barbecues. It facilitates fuel exchange and adjusts grilling temperature.



Low-Pressure Control Valves for Onboard System (onboard propane or CampinGas butane)

Connects the propane/butane fuel provision of your boat with the control valve regulator of "Marine Kettle", "Marine Kettle 2", "ChefsMate" and "Catalina" barbecues.

Code	70116
For Barbecues	70113, 70114, 70112

Butane Canister Campingaz CV-470 Plus

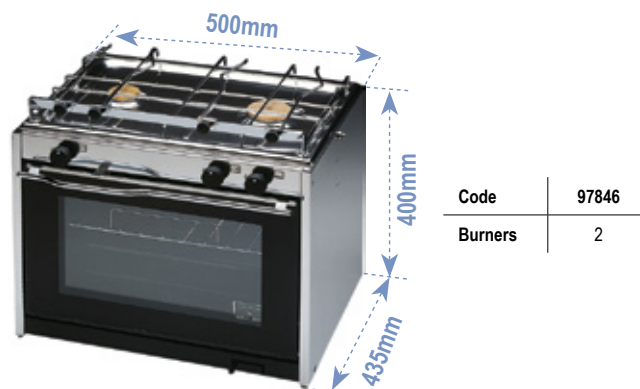
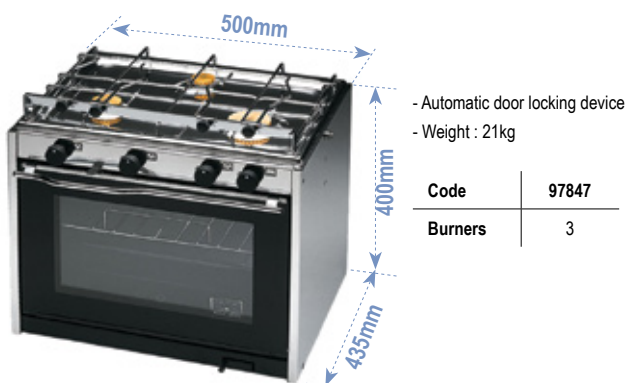


Code | 70134

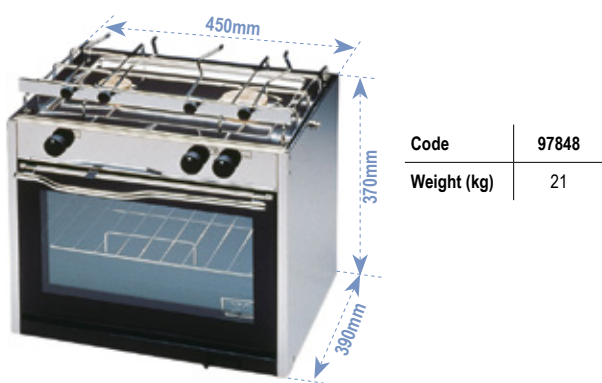


Cooker with Oven & Burners

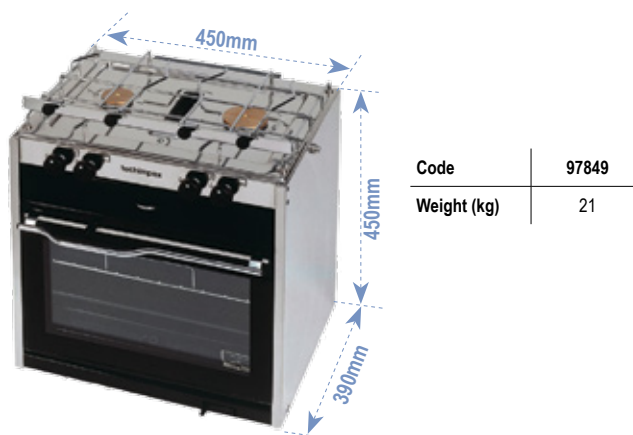
Central position oven burner on models 97846 and 97847 for perfect horizontal heat distribution. The hob burners have a different output for maximum cooking flexibility and for saving fuel. Extra large capacity hob to enable the use of big pots. Easy cleaning extra large oven tray (900cm²) and large grid. Exclusive double tray system inside the oven on models 97846 and 97847. Safety device on the burners provide 100% gas shut-off should the flame ever be extinguished. Each burner has precise flame adjustment. Automatic door locking device and gimbal stop. Slide adjusting pan holders. Double tempered glass oven door.



Cooker with Oven & 2 Burners



Cooker with Oven, 2 Burners & Separate Grill



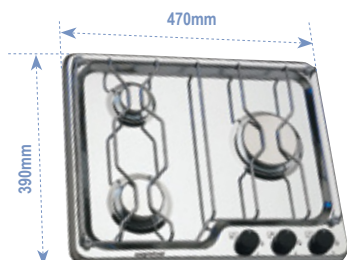
Built in Hob with 2 Burners

The hob burners have a different output for maximum cooking flexibility and in order to save fuel. The burners are arranged on the hob so that you could use several pans simultaneously. Turbo slimline burners with technologically advanced design and precise flame adjustment. Flame failure devices on all the burners. The appliances can be finished in stainless steel or top grade vitreous enamel.

Optional: heat guards (made of durable stainless steel) and slide adjusting pan holders, glass lids with brakes and hinges, electronic ignition.



Built in Hob with 3 Burners

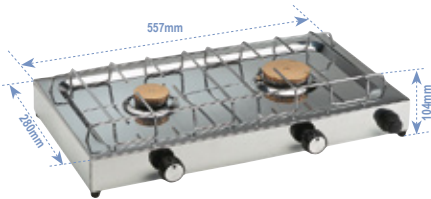


Gas Hob-Unit



Gas Cookers

Attractive styling with Italian design. Safety device on all burners. The stoves are available with the options of deep fiddle rails, slide adjusting pan holders and gimbals. New battery operated electronic ignitions are available. Each burner has precise flame adjustment. Pan support racks are easy to remove for cleaning.



**Cooker with
2 Burners
Weight : 3 kg**

Code | 97850*



**Cooker with
1 burner
Weight : 2 kg**

Code | 97851*

* Installation fittings are included.

Coolers



Portable Isothermal Cooler

The SeaCool Portable Isothermal Cooler is suitable for all of your excursions. Elegant shaped with practical interior design, it can be ideally used in the boat, camping, picnic and anywhere you need a cooler with no electric function. Made of solid polyurethane foam it features high performance insulation in order to maintain the temperature of the contents. For even better performance it is suggested to fill it with ice. The Portable Isothermal Cooler is available in 3 different sizes of 13lt, 48lt & 80lt. They are equipped with large handle(s) for easy carriage, while the 80lt cooler is supplied with ice caps.



Code	70989
Capacity (lt)	80
Length (cm)	82
Width (cm)	41.5
Height (cm)	40



Code	31378
Capacity (lt)	48
Length (cm)	63
Width (cm)	33
Height (cm)	37



Code	31377
Capacity (lt)	13
Length (cm)	38
Width (cm)	22
Height (cm)	37,5

new

IGLOO



**Igloo Marine Profile 50
Cooler**

Code	75160
Capacity (lt)	47
Length (cm)	63,20
Width (cm)	37,10
Height (cm)	37,50



**Igloo Marine Ultra 54
Cooler**

Code	75161
Capacity (lt)	51
Length (cm)	53
Width (cm)	32,50
Height (cm)	30,50



**Igloo Marine Ultra 25
Cooler**

Code	75159
Capacity (lt)	23
Length (cm)	52,25
Width (cm)	26,60
Height (cm)	33,20



**Igloo Marine Ultra 70
Cooler**

Code	75162
Capacity (lt)	66
Length (cm)	75,60
Width (cm)	42,16
Height (cm)	40,75



Coolers

IGLOO



Spare Door Fastener for Igloo Coolers

Code | 90164



**Spare Hinge for Igloo Coolers
(2 pcs)**

Code | 70974

Igloo Marine 36 Quart Cooler

Code	99079
Capacity (lt)	34.2
Length (cm)	61.6
Width (cm)	34.5
Height (cm)	33



Dinnerware, Cutlery & Beverageware

Sea Tableware

EXCLUSIVE

"Exclusive" Range

With the Sea Tableware "Exclusive" range of plates, glasses and cutlery, you and your friends will enjoy every bite and sip of your meal. If the words sophisticated, chic and stylish are part of your attitude and life style, then the "Exclusive" range is just for you. The dinnerware range of plates, bowls, serving sets, cups and mugs gives all you need for an enjoyable breakfast, lunch and dinner. All items are made of 100% melamine and can be used in a microwave without any problem. For all the special celebrations, the Sea Tableware "Exclusive" range includes shiny and stylish wine, champagne and water glasses to enjoy your drinks. You can also impress your guests with the elegant wine cooler, ice bucket and pitcher. Glasses are made of acrylic material, which does not break or chip. Finally, Lalizas offers you cutlery sets, made of stainless steel 18/10 with ABS handle, including forks, spoons, knives and teaspoons. All glasses and plates, except for the salad and the soup bowl, are available in sets of 6 pieces, whereas the cutlery in 24 pieces. Thanks to their top quality materials and construction, all items in the "Exclusive" range are light, shock resistant, completely hygienic and especially designed to retain their original beauty and shine even after many uses.



**Dinner Plate Set, Ø 26cm
"Exclusive", 6 pcs**

Code | 57210



**Side plate set
"Exclusive", 6 pcs**

Code | 57212



**Soup Plate Set, Ø 23cm
"Exclusive", 6 pcs**

Code | 57211



**Cutlery Set
"Exclusive",
18/10 s.s./ABS, 24pcs**

Code | 57208

**Salad Bowl Ø 24cm,
"Exclusive"**

Code | 57213



**Cereal Bowl Set,
Ø 15cm, "Exclusive",
6 pcs**

Code | 57214



**Mug Set
"Exclusive", 6 pcs**

Code | 57218



**Wine Glass Set,
"Exclusive", 4 pcs**

Code | 72153



**Glass
"Exclusive",
4 pcs**

Code | 72150



**Water / Beverage
Glass
"Exclusive", 4 pcs**

Code | 72152



Dinnerware Set "Exclusive", 17 Pieces

Included:

- Dinner Plates, Ø 26cm (4pcs)
- Dessert Plates, Ø 20cm (4pcs)
- Cereal Bowls, Ø 15cm (4pcs)
- Mugs (4pcs)
- Salad Bowl Ø 24cm (1pc)

Code | 57350



Set of 17
pcs

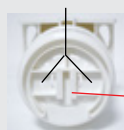
General Use Cases



Horizontal Mounting

- Easy to mount
- Various mounting options

1. With screws



2. With fixed mount support base (99826-7)



For all
"Store-All" cases

Vertical Mounting

1. With screws



2. With fixed mount support base (99826-7)

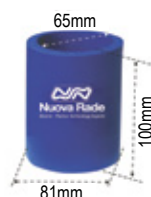


3. With rail support base (99824-5)



Store-All Isotherm Cover for Drinks

Whether you like your coffee to stay hot in the winter or your refreshments cold in the summer, this cover is a 'must-have' for you. It is manufactured in such a way that your beverage will be at the same temperature (hot or cold) longer than it would be without. It has been designed to easily cover most common cans or cups. It can be fitted in the various Store-All drink holders (94144-5, 94161, 99232).



Code	99828
Colour	Blue
Ext. Diameter (cm)	8.1
Height (cm)	10
Internal Diameter (cm)	6.5

Store-All Drink Holder

This compact and convenient cockpit saver keeps your drinks up and out of the way. You can place it on any smooth surface, by using the support base (99824-7) on the back or bottom of the holder. Available in white and graphite colour.



Code	94161	99232
Colour	White	Graphite
Length (cm)	11	
Width (cm)	11	
Height (cm)	10	
Internal Diameter (cm)	9 / 9,3	
Internal Height (cm)	9	

Store-All VHF/FRS Case

With the VHF/FRS case you can keep your communication devices safe and within easy reach. Due to its small size, it can even fit close to the helm of the smallest boat. In order to mount the case, you can place the support base (99824-7 - not included) either on the back or on the bottom of the case. The case is available in white colour.



Code	94152
Colour	White
Length (cm)	13,5
Height (cm)	11,5
Width (cm)	8
Internal Length (cm)	9

Store-All Galley Case

This handy case is suitable for keeping your sponges, brushes, sun-block or any small object organised. It is easily mounted using the special support base for cases (99824-7 - not included), which can be placed on the wall, on the console or on the rails. It is available in white colour.



Code	94160
Colour	White
Length (cm)	19
Height (cm)	10
Width (cm)	11,3
Internal Length (cm)	14,3

Store-All GPS/Cell Phone Case

Ideal for storing most hand-held GPS and mobile phones. It can be placed vertically or horizontally on any flat surface, by using the support base for rails and surfaces (99824-7), which allows you to remove the case easily and fast. Available in white colour.



Code	94150
Colour	White
Length (cm)	18,5
Height (cm)	10,5
Width (cm)	9

Store-All Organiser & Drink Holder

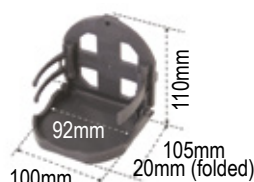
This is perfect for you, if there are not any storage cases for small objects on board. It features drink holder and a case to hold sunglasses, sunblock etc. It is easily mounted either vertically or on a flat surface, using the support base for rails or level surfaces (99824-7), which allows you to remove the Organizer anytime. Available in white colour.



Code	94144
Colour	White
Length (cm)	26,5
Height (cm)	10
Width (cm)	11

Store-All Folding Drink Holder

Ideal for small boats or areas with very limited space. Its folding feature allows you to completely retract it when you do not use it. It features adjustable arms to hold cans and mugs and also screws for permanent mounting. This drink holder can also be mounted on the rails or against any surface, using the relevant support base (99824-7), which allows you to remove the holder when not in use. Available in white and graphite colour.



Code	96866	99230
Colour	White	Graphite
Height (cm)	11	
Length (cm)	10	
Width (cm)	10,5	
Internal Length (cm)	9,2	

Store-All Folding Helm Organizer

When space is very limited on the deck and you have no room to leave small objects like sunglasses, keys or your drink, then all you need is this organiser. Its mechanism allows you to use it only when needed and fold it when you do not. It features a drink holder and inox screws for permanent mounting. However, you can also mount it using the support base (99824 - 5), which allows you to completely remove the organiser anytime. Available in white and graphite colour.



Code	96865	98591
Colour	White	Graphite
Length (cm)	25,8	
Height (cm)	11	
Width (cm)	10,5	

Store-All Utility Hook, Set of 2 pcs

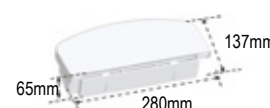
Ideal for multiple uses on board. You can place it on a flat surface of your boat and use it to tie lines, hang clothing or towels, etc. It is available in a pack of two, in white and graphite colour. Made of plastic.



Code	94126	99231
Colour	White	Graphite
Length (cm)	2,5	2,5
Height (cm)	7,5	7,5
Width (cm)	3	3

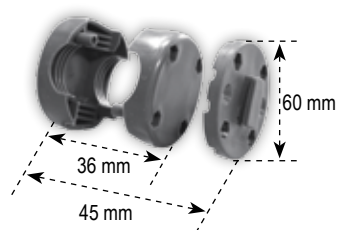
Store-All Trash Bag Holder

Keep your cockpit and cabin tidy and clean. This holder can be easily mounted on any flat and even surface, with the use of the support base for rails or level surfaces (99824-7), so that you can store it easily and quickly. Its cover prevents the contents from falling out of the bag. You may use common supermarket bags or kitchen trash bags. Available in white colour.



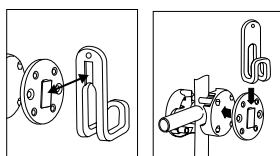
Code	94146
Colour	White
Length (cm)	28
Height (cm)	6,5
Width (cm)	13,7





Rail Support Base for Store-All Case

This support base allows you to mount semi-permanently the Store-All cases on the rails. All you have to do is mount the support base on the rails and then slide the case in. When you do not want to use the case, just remove it. The support base will remain on the surface for as long as you want it. Available in white and graphite colour. Fits any tube or rail, horizontal or vertical, with Ø19-25 mm.

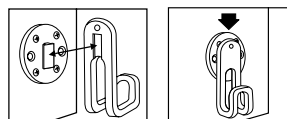


Code	99825	99824
Colour	White	Graphite
Diameter (cm)	6	
Width (cm)	4,5	



Fixed Mount Support Base for Store-All Case

This support base allows you to mount the Store-All cases semi-permanently. All you have to do is to mount the support base on the surface you want and then slide the case in. When you do not want to use the case, just remove it. The support base will remain on the surface until the next time you need it. Available in white and graphite colour.



Code	99827	99826
Colour	White	Graphite
Diameter (cm)	6	
Thickness (mm)	9	



Case 'Store-All' with Net and Plastic Frame,

It is ideal for organising all your belongings when on board with the help of a flexible holding net. Made of UV-resistant plastic, it provides resistance to damage and chemical solvents. Can be easily installed on your boat either with screws or with a sticker (supplied), appropriate for inflatable and rigid boats. Available in white colour.

Code	Colour	Thickness (mm)	Height (mm)	Width (mm)
11900	White	20	120	205
11901		10		



Clip-on CAN HOLDER

This is a unique and useful accessory, ideal for holding and keeping cool cans, small bottles, and glasses. It is one-piece made and there is no need for extra parts. It preserves the temperature levels of the mounted object. It can also be used as an object holder for mobile phones, eye - glasses, portable VHF and GPS, etc. It is made of Flexible Integral PU Skin Foam technology and can be clipped on all guardrails, pulpit and stanchion, making it an essential accessory on board.



○	470089
●	197762

GUARDRAILS Ø (mm)	L (mm)	W (mm)	H (mm)	(kg)
22-26	130	90	100	0,25

new

Can Holder, with Light, Inox 304, Internal Ø90mm, H.83mm



Code 74638

Interior Equipment & Galley



Weather Instruments & Clocks



Barometer & Clock, Ø100mm, Brass, Mahogany Base

Code 91716



Barometer, Thermometer & Hydrometer, Ø70mm

Code 91718

Weather Instruments & Clocks

Thermo/Hydrometer Sky,
Inox, Ø85mm

Code | 91715



Barometer Sky, Ø85mm

Code | 91713

Marine Ashtrays

Code	Description
90752	Ashtray, Inox 304, Ø10cm & H:5cm, Blue



Ashtray

Marine Fans

Code	Description
94550	Marine Fan, 12V - 1,4A
94551	Marine Fan, 24V - 0,7A



Marine Fan

This fan is suitable for circulating air on board. It is available in 12V and 24V. The blade draws 1,4A at 12V and 0,7A at 24V. Dimensions: L. 161mm W. 180mm H. 237.5mm

Dimensions:
L 161mm W180mm H 237.5mm

Mosquito Repellent

Mosquito Repellent Mat Heater 12V, with
Car Plug Cable

Code | 71284



Nautical Gifts



Keychain Buoy

Code	72448	72541
Colour	Red	White



Keychain Fender

Code	72540	72447
Colour	Red	White



Key-Ring Floating

Code | 44526

Key Holder-Cork,
Floating, Round

Code | 71963



Watersports & Fishing



Do you love watersports?

Increase the adrenaline rush with a ride on a Ski-tube! The wide range of WOW products will give you the most amusing way to enjoy the sea this summer.

Do you enjoy canoe-kayak, SUP, skiing or snorkeling? The Stand Up Paddle, Hercules 320 board, is the perfect way to explore nearby beaches and exercise!

At MARINA Stores you can also find an efficient fishing equipment so you can have the best possible experience in fishing whether it's for leisure or professional purposes.

SUP & Accessories	368	Wetsuits	377-378
Towable Tubes & Accessories	369-373	Diving & Sports Buoys	378-379
Tow & Ski Ropes	374	Diver's Knives	379
Sound on Board	375-376	Utility Cases	380
Water Sports Personal Gear		Aquascope	381
& Pool Floats	376	Fishing Rod Holders	381-382
Dive Masks & Snorkels	377	Fishing Accessories	382-384
Fins	377	Surface Floats	384



**ARIMAR SUP Inflatable Board,
Length 3,2m, with Paddle & Foot Strap**



Specs:

- Weight 10,2 kg
- Pressure 12-15 psi
- Drop stitch technology - allows the SUP to maintain its shape when it is inflated to high pressure
- Double Layer Fusion technology
- PVC coated fabric
- Volume 280 L
- Dimensions 320 x 81.5 x 15 cm

Hydrodynamic & modern design

Maximum Load 200 kg

Code | 501839

Removable fins



**Combine with
Buoyancy Aids
page 20-22**

Package Includes



ARIMAR SUP Paddle 170-210cm

Code | 501843



Ski Tube,
THRILLER 1p,
127x122cm

Code | 72817



Ski Tube, BIG THRILLER
2p, 152,4x142,24cm

Code | 72824



Ski Tube,
SUPER THRILLER 3p,
190x157cm

Code | 72818



Ski Tube,
GIANT THRILLER 4p,
228,6x167,64cm

Code | 72827

Watersports & Fishing



Ski Tube,
ACE RACING,
127x122cm

Code | 72821



Ski Tube,
BIG BOY RACING,
175,26x175,26cm

Code | 72826



Ski Tube,
WILD WING 2,
172 x 168cm

Code | 73148



Ski Tube,
WILD WING 3,
228 x 183cm

Code | 73149





Ski Tube,
ZIG ZAG,
152x137cm

Code | 72819



Ski Tube,
COUPE COCKPIT 1p,
146x94x66cm

Code | 72825



Ski Tube,
COUPE COCKPIT 2p,
152x147cm

Code | 72820



Ski Tube,
HOT LIPS,
172x170x71cm

Code | 72834

Watersports & Fishing



Ski Tube, UTO
GALAXY 2,
Ø152 cm

Code | 73147



Ski Tube,
JET BOAT 3p,
302x95cm

Code

Code | 72822



Ski Tube,
Big Shark 2p,
327x158cm

Code | 73727





Ski Tube,
SUMMERTIME 2,
152 x 142 cm

Code | 73153



Ski Tube,
SUMMERTIME 3,
193 x 158 cm

Code | 73154



Ski Tube,
XO EXTREME 3p,
213,36x177,8x162,56cm

Code | 72836

Watersports & Fishing



Tow & Ski Ropes



Tow Rope 2K, 18,3m

- Length 18,3m
- Break Strength 2375 Pound / 1.080 Kg
- To tow any tube up to 2 Riders
- (3/8") 9.5mm
- 12 strand rope construction

Code | 73155



Tow Rope 4K, 18,3m

- Length 18,3m
- Break Strength 4100 Pound / 1.860 Kg
- To tow any tube up to 4 Riders
- (5/8") 15mm
- 16 strand

Code | 73156



Tow Rope 6K, 18,3m

- Length 18,3m
- Break Strength 6100 Pound / 2.770 Kg
- To tow any tube up to 6 Riders
- (3/4") 19mm
- 16 strand rope construction

Code | 73157



Ski Rope

*Handle is not detachable



Code	92889
Description	"Water Action"
Length	23m
Diameter	8mm (5/16")
Strength	771kg
Strands	16
Handle's Length	33cm (13")
Handle's Material	Aluminium with rubber
Handle's Colour	Black

Ski Rope

*Handle is not detachable



Code	92888
Description	"Professional"
Length	23m
Diameter	10mm (3/8")
Strength	1077kg
Strands	16
Handle's Length	33cm (13")
Handle's Material	Aluminium with rubber
Handle's Colour	Black



Transom Mount Ski Tow

Code	90754	90755
Length Thread	50mm	
Diameter	63mm	76mm



Steering Puley

Code	99577
Overall Diam.	92mm
Rope Diam.	6,4mm



SOUND BUOY Speaker, Bluetooth, Floatable Waterproof IP67, 20h Bat. Life, Yellow

- IP67 Waterproof for up to 30 minutes at a depth of 1 meter
- Connects with any Bluetooth-enabled mobile device, including your iPod, iPhone, iPad or Android device
- Rechargeable Lithium-Ion Battery Over 20+ hours of battery life
- 360° LED multi-colour light
- Connect more than one WOW-SOUND SPEAKER together for an even greater sound

Code | 73160



Waterproof Radio/MP3 Player 4x20Watt - LCD - AUX - Bluetooth

Marine USB/MP3 Player, Black, Radio AM/FM, Output auxiliary 4x20Watt, Clock, Input AUX, Green-lighted/LCD high resolution display.

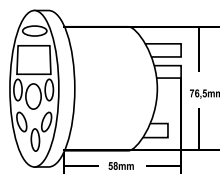
- Marine USB/MP3 Player
- Radio AM/FM
- Clock
- Fully waterproof-complies with the instructions ASTM B117 Salt/Fog exposure & ASTM D4329 UV
- Water-tight/high quality rubber buttons,
- Possibility of support behind the console

Dimensions:

front diameter 87mm, hole diameter 76,5mm, depth 58mm

Package Includes:

- 1 Audio source
- Mounting bracket with fixing screws
- Connection cables for speaker
- USB Cable - 1m
- User Manual



Code | 63765



Two-way Speakers, 100W, 6 1/2", Non-magnetic, with Clip-on Cover, White, Set

Ideal for use in boats, the Two-way Speakers are waterproof and corrosion-resistant while they can be hosed down when the boat is being cleaned. Having non-magnetic design, they don't disturb instruments or compasses and their ASA cover provides improved endurance in both sea and sun exposure. They also feature waterproof and corrosion-resistant mica injection cone with TPU edge and corrosion-resistant silicone coated terminal wire. Can be mounted either horizontally or vertically. Suitable for indoor and outdoor use. Available in white colour. CE approved.

Technical Specifications:

- Impedance: 4 Ohm
- Sensitivity: 90 dB
- Frequency Response 60-18000 Hz
- Max Power 100W (per pair)
- RMS Power 80W (per pair)

Mounting Dimensions:

- Depth: 64mm
- Hole diameter: 136mm
- Magnet: 350g (8oz + 4.3oz)



To remove the cover, turn it on the left



Code | 74576





2 Way Speaker Set

With Nuova Rade Speakers installed in your boat, you can relax or party - listening to your favourite music. Ideal for use in boats, since they are water (31302 & 31303) and corrosion proof. The 2-way speakers may be mounted both indoors and outdoors.

Technical Specifications

31302

- 5 1/4" 2 Way Speaker Set 80W
- Impedance: 4 Ohm
- Sensitivity: 88db
- Frequency Response: 80-18000 Hz
- Max: 80W (per pair)
- RMS Power: 70W (per pair)
- Material: UV-stabilised ABS plastic
- Dimensions: 5,25" (13,34cm)

Mounting Dimensions

Depth: 53mm, Hole: 115mm
Magnet: 238g (5.4oz + 3oz)

31303

- 6 1/2" 2 Way Speaker Set 100W
- Impedance: 4 Ohm
- Sensitivity: 90db
- Frequency Response: 60-18000 Hz
- Max: 100W (per pair)
- RMS Power: 80W (per pair)
- Material: UV-stabilised ABS plastic
- Dimensions: 6,5" (16,5cm)

Mounting Dimensions

Depth: 64mm, Hole: 136mm
Magnet: 411g (8oz + 6.5oz)

Code	31302	31303
Diameter (Inches)	5' 1/4"	6' 1/2"
Power (W)	80	100
Colour	White	White

Water Sports Personal Gear & Pool Floats



WOW POOL FLOAT 1p,
190,5x78.74cm

Code | 72830



WOW Pool Float,
WATER PICKLE,
122x14cm

Code | 72828



new



**Silicone Mask,
Dual Windows with
Tempered Glass,
Adult, Black-White**

Code | 75129



**Silicone Mask,
Dual Windows with
Tempered Glass,
Child, Yellow**

Code | 75130



**Combo Set with
Silicone Mask &
Snorkel, Child, Blue**

Code | 75128



**Combo Set with
Silicone Mask &
Snorkel, Adult,
Black-White**

Code | 75127

Fins

new

**Diving Fins,
Blue**



Code	Size
75131	XS (No 36-37)
75132	S (No 38-39)
75133	M (No 40-41)
75134	L (No 42-43)
75135	XL (No 44-45)
75136	XXL (No 45-46)

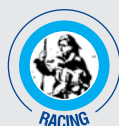
Wetsuits

LALIZAS

new

Wetsuit Full Length Neoprene, Child

- Neoprene thickness: 3 mm (main body), 2 mm (legs & arms)
- The different thickness of the neoprene, depending on the body part, offers flexibility of movement and full-body protection
- Maintains body temperature
- Flatlocked seams, waterproof back zipper, adjustable neck and aqua stops at legs prevent water leaks
- Equipped with special kneecaps
- In grey, red, black colour combination



Code	74893	74894	74895	74896	74897
Size	S	M	L	XL	XXL



Wetsuit Full Length Neoprene 3:2mm, Black

Full wetsuits are your winter sport garment for the sea. Your main body is covered with 3mm neoprene thickness, while your legs and arms are covered with 2mm neoprene thickness. Therefore, the neoprene suit keeps your body warm and offers you high degree of flexibility. Flatlocked seams, waterproof back zipper, adjustable neck and aqua stops at legs prevent water leaks and keep you warm. Wind resistance is provided to your chest and back, which are covered by an additional overlay of impermeable fabric. This wetsuit is equipped with special kneecaps and a hidden small pocket (at the back) for your keys.

Code	72555	70526	70527	70528	70529	70530	72556
Size	XS	S	M	L	XL	XXL	XXXL



WETSUIT SIZING MEASUREMENTS

Dimensions are in cm

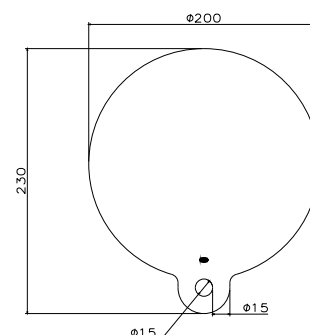
Size	XS	S	M	L	XL	XXL	XXXL
Height	162-170	167-175	175-181	181-187	184-190	187-193	190-196
Waist	67-73	70-76	74,5-80,5	83-89	87-93	91-97	95-101
Chest	89-89	89-95	94,5-100,5	102,5-108,5	107-113	111-117	115-122
Hips	85-91	88-94	92,5-98,5	101-107	105-111	109-115	113-119

Diving & Sport Buoys



Sports Buoy

Sports Buoy is made of high-quality PVC material. This small but durable inflatable buoy is the perfect marker for a beach, a waterski course or any area that requires marking. OCEAN Sports Buoy meets the American Water Ski Association specifications. With a durable rope hold to fasten any line.



Code	Colour	L (mm)	H (mm)	Weight (kg)
72450	Red	200	230	0,6



Diver Down Flag
35 x 50 mm

Code | 67169

Diver Buoy

It is ideal for diving with cylinders. It is easy for the diver to use, since it is especially designed so as to facilitate the diver's moves without jeopardizing his safety. The red buoy is folded and attached with a rope (6m) inside the blue case; the case has a sewn black plastic clip on, which offers the ability to the diver to fasten the buoy on his suit for easy carrying. Additionally, the case features a whistle to use in any emergency. The buoy is made of soft PVC, 0.3mm thick, while the case is made of 1000D Polyester with PVC film, 0.5mm thick.

Instructions of Use

Open the case and release the buoy. Use the cylinder to provide the buoy with a small quantity of air. In this way, the pressure of the air along with the pressure of the water will make the buoy to inflate and pop up on the water surface, warning the boats that a diver will soon float at the specific point.

Code	Dimensions (cm)	
	Packed	Inflated
70017	L20 x W8	H145 x W15



Round Marker Buoy
"Safe Dive"

diam. 30cm, height 50cm

Code | 97814



Torpedo Diving Marker Buoy, "Safe Dive"

diam. 28cm, length 88cm

Code | 97816



Torpedo Diving Marker Buoy, Reinforced, "Safe Dive" with 20m Rope

Code | 97813

Watersports & Fishing

Diver's Knives

Diving Knife "Security",
Stainless Steel,
Blade: 11,5cm (4,5")



Code | 61844

Diving Knife "Discovery",
Stainless Steel,
Blade: 14,3cm (6")



Code | 70198

**Provided with plastic case & elastic bands*

Unbreakable Cases, Waterproof & Floating

These cases integrate simplicity & functionality in a minimal clear-top design, while being unbreakable and made of high-quality materials. No matter if you are in your boat, rock-fishing, sailing, performing outdoor excises, being on holidays or even in a business trip, Sea Shell cases will grant top safety for all your carry-on valuables, fishing gear, electronic devices as well as everything else you fit inside. Portable and very easy-to-use, these cases float in the water and are 100% water-resistant. They are also moisture-proof, dustproof (full seal vacuum design), keeping the content dry. Made of high strength compound materials and all-weather secure

“LIFETIME GUARANTEE”

... are two individual words which best describe the high-performance waterproof Cases by SeaShell.*



Code	71188	71189
Length (mm)		132
Width (mm)		100
Height (mm)		40
Colour	Blue	Yellow



Code	71190	71191
Length (mm)		182
Width (mm)		120
Height (mm)		42
Colour	Blue	Yellow



Code	71192	71193
Length (mm)		182
Width (mm)		120
Height (mm)		75
Colour	Blue	Yellow



Code	71194	71195
Length (mm)		224
Width (mm)		130
Height (mm)		46
Colour	Blue	Yellow



Code	71196	71197
Length (mm)		224
Width (mm)		130
Height (mm)		70
Colour	Blue	Yellow



Code	71198	71199
Length (mm)		224
Width (mm)		130
Height (mm)		88
Colour	Blue	Yellow



Aquascope Jointed

- A high quality sturdy tool for viewing and observing the underwater aquatic life in seas, lakes and rivers
- Can be used for research or as an educational/entertainment tool
- Perfect for observing sea life and reefs, checking anchor hold, inspecting traps, locating bait, clam beds and schools of fish before casting your line
- The user can also locate lost items in the water without getting wet
- Made of high-quality PP material with a tempered glass bottom, surrounding grip and soft PVC rubber eyepiece on top
- It can be disassembled in 3 pieces making it easy to transport or storage
- Available in two colours: orange & black*
- Can be used both from adults & children

Ideal for fishing tournaments

Code	31409	74689
Diameter (mm)	335	
Height (mm)	510	
Colour	Orange	Black



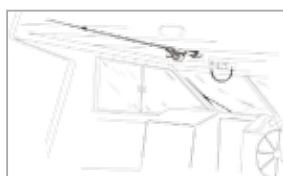
Aquascope Mini

- A high quality sturdy tool for viewing and observing the underwater aquatic life in seas, lakes and rivers
- The mini size makes its storage and use easier
- Can be used for research or as an educational/entertainment tool
- Perfect for observing sea life and reefs, checking anchor hold, inspecting traps, locating bait, clam beds and schools of fish before casting your line
- The user can also locate lost items in the water without getting wet
- Made of high-quality polystyrene material with a tempered glass bottom, surrounding grip and soft PVC rubber eyepiece on top
- Can be used both from adults & children



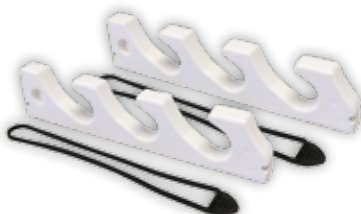
Code	43350
Dimensions WxLxH (mm)	170 x 200 x 410

Fishing Rod Holders



Holding Rings for Fishing Rod, Set

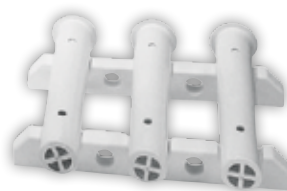
Code	Colour
44622	White
44623	Black



Storage Rack (Pair) for 3 Fishing Rods, White

White, Dimension 23x298x63mm

Code | 31529



Storage Rack for 3 Rods, Bulkhead mounted, White

Length 300 x Height 225 mm

Code | 44512



Storage Rack (Pair) for 2 Fishing Rods, White

White, Dimension 23x222x63mm

Code | 31527



Rod Holder, Adjustable

- For fishing rod Ø 40 mm maximum
- Length: 21.5 cm
- Supplied with 2 sockets (for rails & bulkhead mounting)

Code | 37660



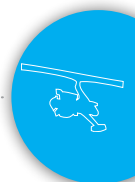
Socket, Side mounted, for 37660 Adjustable Fishing Rod Holder, Black

Code | 37795



Socket, Flush mounted, for 37660 Adjustable Fishing Rod Holder, Black

Code | 37796



Fishing Rod Holders



Fishing Rod Holder with Cap, Plastic

Code	Int Diam (mm)	Height (mm)	Colour
37658	40	230	White
37659			Black



Fishing Rod Holder, Plastic, Vertical

Code	Int Diam (mm)	Height (mm)	Colour
98678	43	225	Black
98679			White



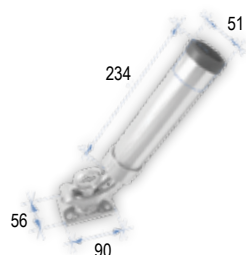
Fishing Rod Holder, Plastic, Vertical

Code	Int Diam (mm)	Height (mm)	Colour
44489	40	235	White
44490			Black



Fishing Rod Holder, Side mounted, Plastic

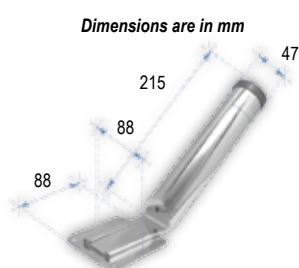
Code	Int Diam (mm)	Height (mm)	Colour
44501	40	235	White
44502			Black



Rod Holder, Deck Type, Inox 316

Code	96861
Surface	H.P.
Holder	Pipe
Body	Casting

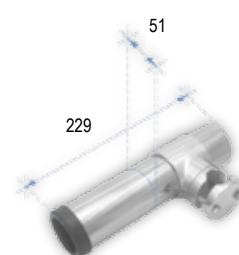
H.P.= Hand polish



Fishing Rod Holder, Removable, Inox 304

Code	97035
Surface	H.P.
Holder	Pipe
Body	Casting

H.P.= Hand polish



Fishing Rod Holder, Rail mounted, Inox 304

Code	97037
Surface	H.P.
Holder	Pipe
Body	Casting

H.P.= Hand polish



Fishing Rod Holder, Inox, with Plastic White Cap

Code	99136
Internal Diam.(mm)	38
Height(mm)	226



Spare Cap for 99136, PVC, White

Code 90370



Fishing Rod Holder, Inox 316

Code	70666
Diameter (mm)	44,4
Length(mm)	195
Base Dimensions (mm)	80x59

Four Fishing Rods Holder, Flush mounted, Inox 316



Code	70619
Diameter (mm)	44,5
Dimensions (mm)	725x193

Fishing Accessories

Rope of Longline Fishing, Polyester



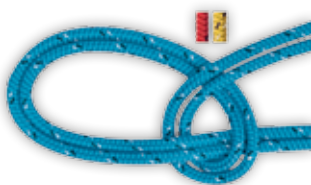
Code	Diameter (mm)	Colour	Breaking Load in Kgs
71748	1	black	60
71749	2		110
71750	3		190





Superline Braided, Dyneema 100%

Ideal rope for small sailing boats like Optimist, Laser and other dinghies. Can be used as rope for spearguns, too.



Code	Diameter (mm)	Colour	Breaking Load in Kgs
63452	1	red/black-white	100
63156	2	yellow/black-white	130
63453	3	blue/black-white	360



Fishing Basket for Longline

Code	Int. Diam. (mm)	Ext. Diam. (mm)	Height (mm)
45508	420	690	345
45509	340	520	195



Needle for Fishing Net Splicing

Code	Length (mm)	Width (mm)
43189	120	7
43191	120	10
43193	150	12
43195	175	13
43197	210	15
43199	230	17
43201	250	20
43203	280	23

Container Rectangular for Longline



Length: 495mm
Width: 400mm
Height: 100mm

Code | 43605



Reel for Fishing Line Winding, Auto-Un-rolling, Ø 165 mm

Code | 43353

Flashing LED White Light with Photocell, 1 Battery Size D, Torpedo 8



White-colour flashing signal light with 5 super bright LEDs. Equipped with a photocell, working only during the night, while it switches off during the day. Uses 1 battery type D that last for 20 nights. Acid resistant rubber & o-ring waterproof opening. Durable plastic body with anti-tumbling protrusions and stainless steel spring on the inside.

Code | 63455

Flashing LED Yellow Light with Photocell, Torpedo 8

Yellow-colour flashing signal light with 5 super bright LEDs (flashes every 5 seconds). Equipped with a photocell, working only during the night, while it switches off during the day. It is visible up to 2 nautical miles and operates according to EU Regulation 404/2011 standard. Furthermore, it uses 1 battery type D that lasts for 20 nights. There is also an acid resistant rubber o-ring which ensures that the light is waterproof. The flashing signal light has a durable plastic body with anti-tumbling protrusions and stainless steel spring on the inside.

Code | 71297

Flashing LED Red Light with Photocell, 2 Batteries Size D, Torpedo 1



Red-colour flashing signal light with 5 super bright LEDs. Equipped with a photocell, working only during the night, while it switches off during the day. Uses 2 x D-type batteries that last for 20 nights. It has an acid resistant & waterproof rubber o-ring opening. Durable plastic body with anti-tumbling protrusions and stainless steel spring on the inside.

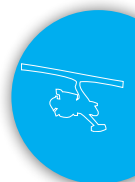
Code | 63454

Watertight Air Pump, DC 3V, for Lures

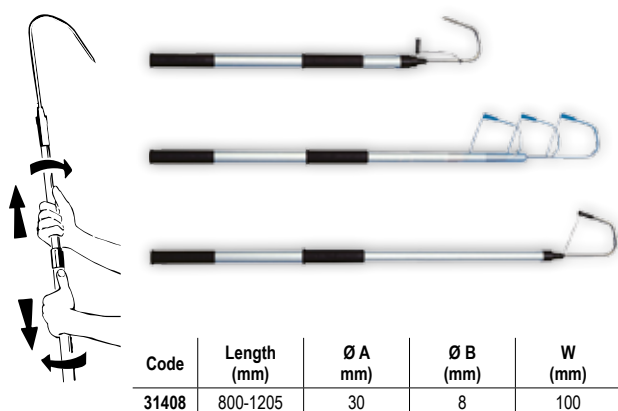
- Powered by two alkaline batteries type D
- Inox adjustable attachment clip



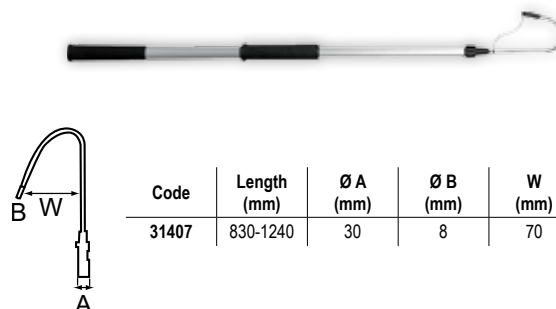
Code | 99807



Telescopic Gaff with Anodised Aluminium Pole & Inox Hook



Code	Length (mm)	Ø A (mm)	Ø B (mm)	W (mm)
31408	800-1205	30	8	100



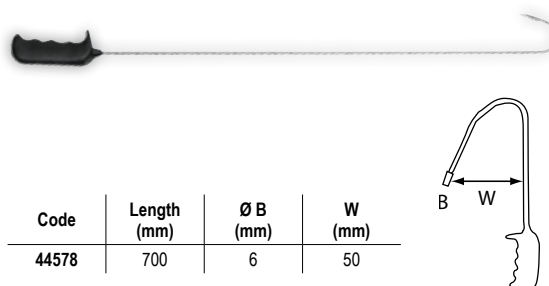
Code	Length (mm)	Ø A (mm)	Ø B (mm)	W (mm)
31407	830-1240	30	8	70

Gaffs with Anodised Aluminium Pole & Inox Hook



Code	Length (mm)	Ø A (mm)	Ø B (mm)	W (mm)
44588	790	25	8	70
44590	1390			

Gaff, Inox, with Plastic Grip



Code	Length (mm)	Ø B (mm)	W (mm)
44578	700	6	50

Gaffs with Anodised Aluminium Pole & Inox Hook



Code	Length (mm)	Ø A (mm)	Ø B (mm)	W (mm)
44582	1370	25	8	100

Surface Floats



Surface Float with Hole, Spherical

Suitable for fitting marker flag.

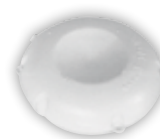
Code	Colour	Diameter (mm)	Rope Diameter (mm)	Buoyancy	
				Overall (g)	In use (g)
43399	Yellow	190	19	1,8	0,9
16384	Orange				
16383	White				
43397	Yellow	260	28	8,5	4,2
16386	Orange				
16385	White				



Surface Float w/ Hole, Cylindrical, White-Red

Dimensions: Ø 60 x 140 mm - Hole: Ø 10 mm.

Code | 16381



Float for Fishing, Flexible, White Ø: 84 mm

Code | 43964



Surface Float w/2 Eyelets, Spherical, White-Red

Dimensions: 15cm, Ø 13cm, top eye 1,2cm, weight: 130gr, Buoyancy: Overall 542gr, In use 271gr

Code | 43395



Clothing & Accessories



In this category you can find a range of clothing products, ideal for marine conditions. They are waterproof, comfortable and durable.

You can also find useful accessories such as waterproof bags, sunglasses or hats.

Inshore Foul Weather Gear	387	Deck Shoes	391-392
Workwear	388	Hats & Caps	392
Raincoat & Rainsuit	388	Gloves	392-393
Fishing Clothes	389	Dry Bags & Bags	393-396
Wetsuits	390	Sunglasses & Accessories	396
Boots	391		

The Right Garment for You

Fishing / Rainwear



If you need a garment with exposure to abrasion and chemicals, like fish blood or grease, this is the ideal one.

Features

- Fabric PVC coated on both sides
- Stain resistance
- Easy cleaning
- Heat-welded seams

Fishermen's Jacket & Trousers

Sport Boating

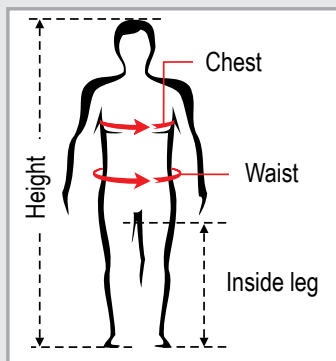
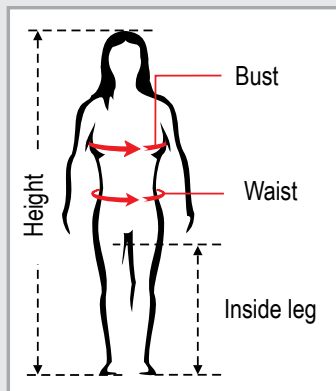


If you need a garment for short, but constant trips and continuous use in possible rough conditions. Also, recommended for beginners, children and occasional sailors, as it keeps them dry. Easy to clean.

Features depending on the model:

- PU or PVC coated Nylon Taslon and Taslon Oxford
- Medium weight for durability
- Neoprene cuffs
- Taped seams
- Loops for lifejacket or harness
- Hoods
- Retro reflective tapes
- Reinforced high abrasion areas

Inshore Sailing Jacket & trousers IT



Find your Size

Universal Size Chart

Size	Height (cm)	Inside leg (cm)	Chest (cm)	Waist (cm)
JS	122	47-54	58-62	54-56
JM	134	54-61	62-66	56-59
JL	152	61-71	66-76	59-65
JXL/XS	163	71	76-86	66-72
S	168	76	94-99	84
M	175	79	102-107	91
L	183	84	109-114	97
XL	188	89	117-122	107
XXL	193	91	124-130	112

Chest / Breast Circumference

Measure the circumference exactly under the armpits holding the tape steady at one point. For the breast line measure at the level of the largest circumference.

Waistline

Measure around your waist holding the tape steady at one point.

Inside Leg Length

Use a similar pair of trousers that fits you well and place it on a surface making sure that it does not fold or crease anywhere. Measure along the inner seam of the trousers from the crotch to the leg cuff.



IT Inshore Sailing Jacket

The classical Inshore jacket is made of a robust Nylon Oxford and 100% waterproof with all seams seal taped. It features reinforced elbows, two way front flapped zipper, adjustable waist band, pockets, handwarmer pockets, wallet pocket, hood stored under collar, fleece lined collar, inner neoprene hand cuffs, lifejacket attachment loops and retro reflective tapes for high visibility.



Code	40295	40296	40297	40298	40646
Code	40305	40306	40307	40308	40647
Code	40315	40316	40317	40318	40648
Size	S	M	L	XL	XXL



Fleece lined collar



Re-inforced elbow patches



Waist band



Neoprene inner hand cuffs



Hood stored in collar



Adjustable waist



Pocket



Re-inforced Seat & Knee Patches

IT Inshore Sailing Trousers

The Inshore trousers are made of the same robust Nylon Oxford as the Jacket. They are 100% waterproof with all seams sealed. They feature 600D reinforced seat and knee patches, adjustable waist, adjustable shoulder, front zipper, while they cover the body up to the height of the chest.

The trousers are available in fashionable grey and in sizes that correspond to the jackets.

Code	40325	40326	40327	40328	40649
Size	S	M	L	XL	XXL



Workwear Coverall, Cotton 200gsm



**100% COTTON
MERCERIZED & TWICE
PRE-SHRUNK**

● Code	72637	72638	72639	72640	72641	72642	72643
● Code	72644	72645	72646	72647	72648	72649	72650
○ Code	72651	72652	72653	72654	72655	72656	72657
Size	S	M	L	XL	2XL	3XL	4XL



Oeko-Tex fabric



Velcro



Retroreflective tapes

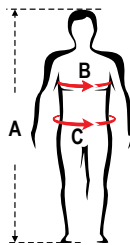
Raincoat & Rainsuit

LALIZAS Rainsuit with Hood, Yellow



- Ideal for all water related activities
- Suitable also for water related working operations
- Concludes net fabric at the inner chest size of the coat at the top part so as not to 'stuck' onto the clothes or human fabric
- Made of 100% waterproof polyester with PVC backing
- The seams are internally welded with PVC material for extra durability
- It has outer pockets on rainsuit on top part and on raincoat
- The rainsuit trouser has elastic waistband

- Features zippers and buttons on, consisting of a foldable hood in collar and have storm cuffs on rainsuit on top part and on the raincoat
- Designed to be lightweight in order not to stress the user
- Even fish blood and grease stains can be easily removed
- Available in visible yellow colour, in 6 sizes
- Tested according to and found to be in compliance with the European Standards, EN 343 and EN ISO 13688 for protective clothing, offering the highest level of PPE rain protection.



LALIZAS Rainsuit with hood

Code	73683	73684	73685	73686	73687	73688
Side	S	M	L	XL	2XL	3XL
A (cm)	170-172	174-176	178-180	182-184	186-188	190-192
B (cm)	92-96	100-104	108-112	116-120	124-128	132-136
C (cm)	80-84	88-92	96-100	104-108	112-118	120-124

LALIZAS Raincoat with hood

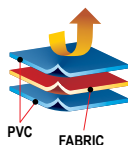
Code	73677	73678	73679	73680	73681	73682
Side	S	M	L	XL	2XL	3XL
A (cm)	170-172	174-176	178-180	182-184	186-188	190-192
B (cm)	92-96	100-104	108-112	116-120	124-128	132-136
C (cm)	80-84	88-92	96-100	104-108	112-118	120-124





Fishermen's Jackets & Trousers

- Designed to minimize the possibilities for nets to get caught while working
- It has a 0,35mm double PVC coating on the inside & outside of the fabric
- Instead of seam stitching, the different garment parts are "glued" to provide 100% waterproofness
- The jacket features full front flapped zipper and inner hand cuffs
- The pants cover the body up to the height of the chest
- Features elastic adjustable belt straps and buckle closure
- Even fish blood and grease stains can be easily removed



Jacket

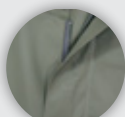
● Code	40175	40176	40177	40178	40179	72488
● Code	40185	40186	40187	40188	40189	72489
Size	S	M	L	XL	XXL	XXXL

Trousers

● Code	40195	40196	40197	40198	40199	72490
● Code	40205	40206	40207	40208	40209	72491
Size	S	M	L	XL	XXL	XXXL



Velcro tape
at hood chin



Full storm
flap



Inner elastic
hand cuff



All seams
are sealed



Inside trouser
pocket



Fishing Waders, PVC

The Fishing Chest Waders are available in green colour, with inner chest pocket and heavy-duty adjustable elastic suspenders for a comfortable fit. The boots feature an Antislip sole design for excellent traction on slick. They are made of PVC and are supplied with a service kit (glue, fabric pieces).

They match with LALIZAS Fishermen's Jackets (40175-40179).



Clothing & Accessories

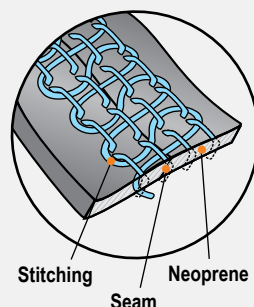
Code	71052	71053	71054
Size	41	42	43

Code	71055	71056
Size	44	45



Wetsuit Full Length Neoprene 3:2mm, Black

Full wetsuits are your winter sport garment for the sea. Your main body is covered with 3mm neoprene thickness, while your legs and arms are covered with 2mm neoprene thickness. Therefore, the neoprene suit keeps your body warm and offers you high degree of flexibility. Flatlocked seams, waterproof back zipper, adjustable neck and aqua stops at legs prevent water leaks and keep you warm. Wind resistance is provided to your chest and back, which are covered by an additional overlay of impermeable fabric. This wetsuit is equipped with special kneecaps and a hidden small pocket (at the back) for your keys.



Flatlock Stitch

The flatlock stitch is suitable for wetsuits usually worn in warmer weather conditions, made of neoprene with maximum thickness of 3mm.

Two pieces of neoprene are butted against each other edge to edge and the stitching goes back and forth side-to-side, creating a very flat stitch (flatlock). You can very easily identify the flatlock stitch on the suit, by the thread on both sides of a wetsuit. Also, the flatlock stitch does not irritate the user's skin, as it would if the seam ran inside the suit.



Code	72555	70526	70527	70528	70529	70530	72556
Size	XS	S	M	L	XL	XXL	XXXL

WETSUIT SIZING MEASUREMENTS

Dimensions are in cm

Size	XS	S	M	L	XL	XXL	XXXL
Height	162-170	167-175	175-181	181-187	184-190	187-193	190-196
Waist	67-73	70-76	74,5-80,5	83-89	87-93	91-97	95-101
Chest	89-89	89-95	94,5-100,5	102,5-108,5	107-113	111-117	115-122
Hips	85-91	88-94	92,5-98,5	101-107	105-111	109-115	113-119

new



Wetsuit Full Length Neoprene, Child

- Neoprene thickness: 3 mm (main body), 2 mm (legs & arms)
- The different thickness of the neoprene, depending on the body part, offers flexibility of movement and full-body protection
- Maintains body temperature
- Flatlocked seams, waterproof back zipper, adjustable neck and aqua stops at legs prevent water leaks
- Equipped with special kneecaps
- In grey, red, black colour combination

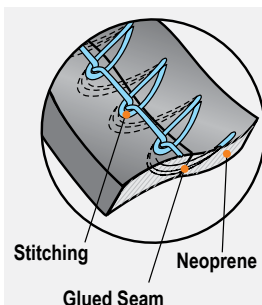
Code	74893	74894	74895	74896	74897
Size	S	M	L	XL	XXL





Semi Dry Boots, 6mm

Neoprene boots protect your feet from cold waters. They are made of neoprene 6mm thick, to keep your body warm in cold waters. Blind-stitched seams inside and outside the boots, waterproof zipper and a special neoprene cover behind the zipper to prevent water leaks. Boots completely embrace your feet with neoprene flexibility and the rubber reinforced toes and heels, which offer stable feet-holding, additional water resistance and protection from land or boat obstacles. Boots have thick rubber soles for better traction on all surfaces. The black rubber on the bottom of soles does not leave marks on your boat.



Blindstitch

The blindstitch is the perfect solution for the construction of winter wetsuits, since it is a totally waterproof stitch. Two pieces of neoprene are butted against each other and stitched together, with the needle going only half way through the neoprene before going back out. In this way, there is no stitch on the outer part of the wetsuit. The edges of the neoprene are also glued when they are butted together before stitching, for creating an even more waterproof seam. Lastly, the blindstitch does not irritate the skin of the user, as the seam does not run inside the suit.

Code	70561	70562	70563	70564	70565	70566	70567	70568
No	36	37/38	39	40/41	42	43/44	45	46/47

Long Leg Tie-Top Rubber Sailing Boots

Smartly designed LALIZAS "Long-Leg Tie-Top" Sailing Boots are perfect for sailing. Made of natural rubber with razor cut non-slip soles for better traction. Hard wearing with extra toe and heel reinforcement. The "Tie-Top" boots feature a cushioned leg top making them extremely comfortable to wear. Available in navy blue, with contrasting white trim and in 10 sizes.



Code	40431	40432	40433	40434	40435
No	38	39	40	41	42
Code	40436	40437	40438	40439	40440
No	43	44	45	46	47

Deck Shoes



"Skipper" Deck Shoes

Cruise in style with LALIZAS "Skipper" Deck Shoes. Designed to provide comfort and durability, they are ideal for use at all times, while travelling at sea or strolling on land. The "Skipper" shoes are hand-sewn and made of premium Mexican leather with rawhide lacing. Their non-slip rubber outsole has a special design, so as to offer maximum traction and safety on any wet and slippery surface, such as decks and docks. Their classic moccasin design allows a perfect fit to your own foot's bone structure. These versatile shoes are available in three different colour combinations and each in 11 sizes. They are available in brown with white or brown outsole and Navy blue with white outsole.



"Skipper" Deck Shoes, Brown Leather with White Sole

Code	40561	40562	40563	40564	40565	40566	40567	40568	40569	40570	40571
No.	36	37	38	39	40	41	42	43	44	45	46

"Skipper" Deck Shoes, Brown Leather with Brown Sole

Code	40572	40573	40574	40575	40576	40577	40578	40579	40580	40581	40582
No.	36	37	38	39	40	41	42	43	44	45	46

"Skipper" Deck Shoes, Navy Blue Leather with White Sole

Code	40594	40595	40596	40597	40598	40599	40600	40601	40602	40603	40604
No.	36	37	38	39	40	41	42	43	44	45	46



Deck Shoes

Sportive Deck Shoes

LALIZAS

LALIZAS sportive deck shoes with their updated design, will meet your needs onboard and off the board. Their unique design ensures stability and safety on board, even on wet and slippery surfaces, making them your ideal choice. It features air mesh panels for greater breathability, quick dry footbed and a non-slip TPR outsole that will keep you maneuvering fast on your feet, even on wet deck. It has a modern design and offers comfort and ease of walking.

Code	70917	70918	70919	70920	70921	70922	70923	70924	70925	70926	70927	71020
No	35	36	37	38	39	40	41	42	43	44	45	46



Non-slip TPR outsole for outstanding shock absorption

Hats & Caps

Sailing Caps

- Made of 100% cotton
- Ideal for sailing and outdoors activities
- One size fits all
- Unisex
- With lanyard

Code	40060	40664
Colour	Blue	Red



Sailing Cap with Protective Neck Cover

- Made of 100% cotton
- Ideal for sailing and outdoors activities
- One size fits all
- Unisex
- With protective neck cover for sun & Velcro strap closure in case you want to roll it up

Code	40557
Colour	Blue



Available only in Greece & Cyprus

Captain's Cap, Cotton, White

Code	71047	71048
Size	M (57)	L (60)



Canvas Hat

Code	71049	71050	71051
Size	S (55)	M (57)	L (59)



Greek Fisherman Cap, Handmade

Code	71043	71044	71045	71046
Colour	Black		Navy Blue	
Size	M (57)	L (60)	M (57)	L (60)



Gloves

LALIZAS

Gloves 5 & 2 Finger Cut, Amara

The brand new Amara Leather LALIZAS gloves are suitable for every water or land activity. They come in two models, in 2 or 5 Finger Cut, and are made of Amara leather, neoprene and a special extra durable fabric. The special Velcro above the wrist ensures ultimate fit. Both the 2 and 5 finger cut models are extremely durable and soft, and the extra Amara leather below the fingers and palm makes them the ideal choice for marine use, especially when dealing with ropes and winches.

Gloves 5 Finger Cut, Amara



Code	71688	71689	71690	71691	71692
Size	S	M	L	XL	XXL

Gloves 2 Finger Cut, Amara



Code	71693	71694	71695	71696	71697
Size	S	M	L	XL	XXL



Gloves for Sailing 5 Finger Cut, Kevlar Type

Soft and comfortable 5 finger cut gloves with Kevlar type palm reinforcement for best grip and durability. We've combined Kevlar type and its advantages, with the very best soft Amara leather and elastic spandex in order to create the 'ultimate' sailing glove in grip and fit.

Code	40103	40105	40106	40107	40108	40663
Size	XS	S	M	L	XL	XXL



Full Finger Gloves Neoprene, 2mm, Black

Full finger neoprene gloves are your essential ally against cold and wind in water sport activities. Your hands are sealed with 2mm neoprene for protection and flexibility in cold waters. Your palm and fingers are covered with smooth Amara leather for excellent grip of ropes, fishing guns, paddles and other sea-sport equipment.

Code	70569	70570	70571	70572	70573	70574	70575
Size	XXS	XS	S	M	L	XL	XXL

Gloves Sizing Measurements

Dimensions are in cm

Gloves 5 Finger Cut, Amara

Size	S	M	L	XL	XXL
Length	18,5	19,05	19,5	20,6	21,1
Palm	21,8	23,1	23,8	24,6	25,9
Wrist	18,8	19,3	20,3	20,8	21,3

Gloves for Sailing 5 Finger Cut, Kevlar Type

Size	XS	S	M	L	XL	XXL
Length	15,5	17,5	18	18,5	19	19,5
Palm	9,5	10,5	11	11,5	12	12,5
Wrist	7,5	9	9,5	10	10,5	11

Gloves 2 Finger Cut, Amara

Size	S	M	L	XL	XXL
Length	21,1	21,6	22,1	23,1	23,6
Palm	21,8	23,1	23,8	24,6	25,9
Wrist	18,8	19,3	20,3	20,8	21,3

Full Finger Gloves Neoprene, 2mm

Size	XXS	XS	S	M	L	XL	XXL
Length	24,1	25	25,5	26	26,5	27,5	28
Palm	8,9	9,5	10	11	11,5	12	12,5
Wrist	7,6	8,5	9	9,5	10	11	11,5

Dry Bags & Bags



Dry Bags

- Specially designed dry bags so that they do not allow water to enter
- Ideal for storage of various lightweight items that should not come in contact with water (e.g. marine distress signals, medicines, and electronic devices such as mobile phones & EPIRB)
- Ideal for storage of liferaft equipment
- Made of strong PVC
- A three-roll watertight closure system (check pictures) keeps everything inside clean and dry
- Available in two colours (red and transparent)
- Available in four sizes



The wide range of Lalizas' dry bags allows you freedom of choice according to your needs



To ensure maximum dryness roll the top of the bag down (closure system) at least three times



Clip the buckle in



When everything is ready, the bag may be carried or stored

Code	Dimensions (mm)	Liters	Colour
10001	400 x 250	5	Clear
10002	600 x 300	12	Clear
10003	700 x 350	18	Clear
10004	800 x 500	55	Clear
10011	400 x 250	5	Red
10012	600 x 300	12	Red
10013	700 x 350	18	Red
10014	800 x 500	55	Red

*Liters refer to the volume of the dry bag, and not to the load limit.
Suitable for storage of lightweight products only.



Dry Bags Ténéré

The new heavy-duty dry bag Ténéré is an ideal choice for kayaking, canoeing and rafting lovers but also for every "sea man" as its improved three-roll watertight closure system ensures that all the contents stay clean and dry. This hot air welded dry bag is made of durable PVC Tarpulin 500D, 0.55mm thick, which makes it suitable for great load and heavy-duty activities. Ténéré is wipe-clean, easy to store and have a shoulder strap that makes it handy to carry on shore. Additionally, the 30Lt and 40Lt capacity models have an extra handle welded on the product. "Ténéré" bags are available in sand, red and yellow colour and in 6 different sizes.

Code	Dimensions (mm)	Liters	Colour	With handle
70291	400x200	5	Sand	
70292	550x200	10	Sand	
70293	500x250	15	Sand	
70294	660x250	20	Sand	
70295	600x300	30	Sand	•
70296	740x300	40	Sand	•
70297	400x200	5	Red	
70298	550x200	10	Red	
70299	500x250	15	Red	
70300	660x250	20	Red	
70301	600x300	30	Red	•
70302	740x300	40	Red	•
70303	400x200	5	Yellow	
70304	550x200	10	Yellow	
70305	500x250	15	Yellow	
70306	660x250	20	Yellow	
70307	600x300	30	Yellow	•
70308	740x300	40	Yellow	•



Handle
(in 30L & 40L)



LALIZAS Dry Bag for Distress Signals/Pyrotechnics



- Dimensions: Ø16 x 48 cm
- Material: Transparent PVC

* Distress Signals not included

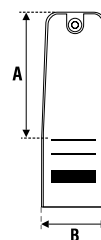
Code | 74636

Dry Bags for Handhelds

The ultimate dry bag for the protection of your handheld electronic equipment (GPS, VHF, mobile phone). Made of durable vinyl, it has clear front panel, which allows you to see displays and button logos and access most functions, without removing the bag. Furthermore, each dry bag has a lanyard loop. Depending on the air captured and the weight of the equipment inside, the bags may or may not float. Although Lalizas Dry Bags are made to withstand harsh conditions, it is suggested that you test for waterproofness regularly to detect any pinhole leaks.



Code	Description	Dimensions (cm)	
		A	B
10440	Dry Bag for mobile phone	19	10
10441	Dry Bag for small VHF	35	10
10442	Dry Bag for VHF	40	10
10443	Dry Bag for small GPS	23	9,5
10444	Dry Bag for GPS	30	12,5



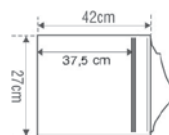
The sizes shown are when the bag is empty.



Dry Briefcase

LALIZAS Dry Briefcase has been designed especially for the protection of your boat's documents. Made of durable vinyl, it has clear front panel, which allows you to see the contents of the bag. Furthermore each dry bag has a lanyard loop. The Dry Briefcase has the advantage of floating on the water, depending, however, on the air captured and the weight of the contents. It features a 100% waterproof seal with Velcro.

The ultimate protection for your boat's documents.



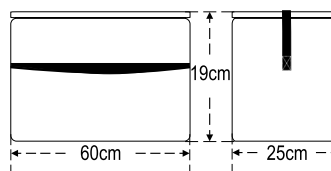
The dimensions shown are when the bag is empty.



Code | 10450

Under Seat Storage Bag, Ténéré Sit & Store

The under seat storage bag provides you with the extra storage space that is so necessary on any boat. It is made of PVC Tarpulin and has been designed to fit to any seat. It also features a shoulder strap which allows you to carry the bag when you leave the boat. The top of the bag is padded to "soften the ride" on the wooden seat. It is water resistant, while the waterproof zipper keeps the storage area dry. It is available in grey colour.



Code | 70895



Lifejackets Dry Bag

- Simple and easy-to-use Lifejackets Dry Bag
- The most "intelligent" and waterproof storage solution for all the necessary safety equipment of your boat
- Made of durable transparent material, without any unnecessary seams
- It meets the minimum space consumption requirements
- It offers the ability of immediate use in case of an emergency or a boat inspection
- Specially designed for storing foam lifejackets of 100N & 150N
- Can safely store all hand and smoke signals required by regulations, in the available space between the lifejackets' neck grooves



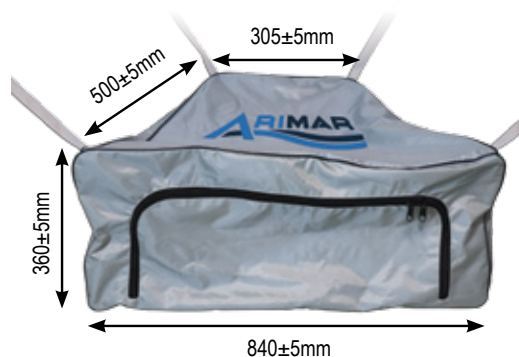
*Lifejackets not included

Code	Size	Dimensions (cm)	Suitable for LALIZAS Lifejackets		
			70991 (100N)	70993 (150N)	70159 (Solas '74)
71220*	1	93x57x36	4	3	5
71221*	2	93x68x36	6	4	7
71222*	3	93x93x36	9	6	10



ARIMAR Bow Bag for inflatable boats, Grey

Code | 501813



Dry Bags & Bags

LALIZAS 

Waterproof Bag

Code | 196107



Dimensions: L660xW400xH480mm

Sunglasses & Accessories

LALIZAS 

TR90 Sunglasses

The TR90 sunglasses line by LALIZAS has been created to satisfy the most demanding needs of yours. The TR 90 material used in the frames of the sunglasses makes them safer against the extreme temperatures and more durable to continuous and harsh use. Additionally, the lenses used are polarized and thus the glare and eyes strain are reduced substantially. The modern design, as well as, the specialized manufacturing, makes the sunglasses ideal for use in sports, but also in other activities which involve prolonged sun exposure.



Sunglasses, TR90, Polarized 1.10mm, Black



Code | 71033

Sunglasses, TR90, Polarized 1.10mm, Black



Code | 71034

Sunglasses, TR90, Polarized 1.10mm, Black



Code | 71035

Sunglasses, TR90, Polarized 1.10mm, Grey



Code | 71036

TR90

The TR 90 material is a transparent polyamide with good heat resistance and excellent fatigue behaviour. It is lightweight, resistant to stress cracking and stands up well against UV exposure. That is why it is commonly used for the creation of sport and other impact-resistant eyewear frames. Additionally, due to the fact that it contains no plasticizer and resists cosmetic chemicals and perspiration, it offers a very good alternating bending strength and it can enhance the design and performance of sport and safety spectacle frames. It also exhibits low moisture absorption and dimensional stability, while its outstanding weathering stability, makes it particularly suitable for eyewear frames

UV Protection

The most important benefit that sunglasses should provide is protection from ultraviolet radiation (UV), which contributes to various eye diseases. Ultraviolet radiation has been linked to cataracts, benign growths on the eyes surface, cancer of the eyelid and of skin around the eyes and photokeratitis (snow blindness), a temporary but painful sunburn of the eye's surface. UV protection is the most important feature to take into consideration while looking for sunglasses. The FDA, the government agency that oversees sunglass manufacture and sales in the U.S., recommends that customers should look for sunglasses with lenses that block 99-100% of UVA and UVB radiation (100% is best) and therefore provide UV 400 or 100% UV protection.

"POLARIZED" Lens

The bright sunlight is reflected on many surfaces that surround us, such as water, snow, pavement, dust, buildings, ice, sand, wet road surfaces and windshields and resulting to an annoying glare for the eyes that reduce contrast and visual sharpness. The eyes cannot eliminate reflective glare independently. In order for the eyes to focus, they allow the access of even the slightest light and in this way various types of light "penetrate" the eyes, including the bright sunlight. The result is tired eyes, headaches, poor vision and sun damage to the eyes. Even if the eyes can't "apprehend" the UV rays, they should be of concern, because of their long term damaging effects on the eyes. Polarized lenses are designed to substantially reduce or even eliminate reflective glare by selectively absorbing the light waves travelling in all directions except the vertical plane. At the same time UV rays are blocked. Bear in mind that the only thing that regular lens without polarizing film does, is just to darken the eyesight without protecting the eyes. In other words, polarized lenses are ideal for anybody who wants to avoid glare and to improve their vision in the sunlight.





Cleaning & Maintenance



Whether you own a small, medium or large boat, you need to take care its regular and proper maintenance in order to sustain its longevity and high value.

Keep your boat clean and leave a layer of protection with IOSSO cleaning products that you will find at MARINA Stores. Remove dirt, rust, stains, bad smells, and clutter on surfaces and keep your boat in perfect condition till your next voyage.

Thinners	400	Multi-Tools & Cutters	403-404
Varnish	400-401	Pocket Knives	404
Teak Care	401	Polyurethanes	404
Nonskid Products	401	Glues & Repair Kits	404-405
General Use Tapes	401-402	Polishing & Waxing	405
Teak Drain Plugs	402	Cleaning Products	405-408
Boat Lettering & Signs	402-403	Boat Brushes & Handles	409-410
Tool Kits	403	Buckets	410

Thinners



EPIFANES Brush thinner for One-component Paint & Varnish

EPIFANES thinner for paint and varnish is a pure white spirit for thinning one-part paints and varnishes applied by brush. Just add some product in increments, always in accordance with the product instructions per case.

Code	99221	99222	99223
Package	500ml	1lt	5lt

Varnish

EPIFANES Poly-urethane Clear Gloss, 2 Components, with UV Filter



A high gloss, two-component, polyester saturated, aliphatic urethane finish with excellent outdoor durability. Contains UV filter. To be used on intact existing poly-urethane varnish systems, as a complete varnish system on bare dimensionally stable wood (i.e. marine plywood), as a build-up coat prior to a one-component varnish system, as a protective coat on epoxy resins or as an intermediate coat on epoxy resins when a one-component finish is desired. Suitable for fresh and salt water, for interior and exterior use. Mixing ratio is 2 parts of component A to one part of component B by weight. Each can is partially full. Pour the reactor (B) into the can of base (A) and stir thoroughly. Allow to activate for 20-30 minutes before use. Police after mixing 3-4 hours at 20° C. (70 o F). Temperature should be between 15° C and 27° C (60o - 80o F) during application. For brush/roller or spray application use the appropriate thinner. **Recoatable:** After 24 hours at 18oC (6oF) Coverage: 750gr is sufficient for 9sq. meters (100sq.feet)

Code	98782
Package	750gr

EPIFANES Rapidclear



Superior quality, semi-gloss wood finish based on modified alkyd/urethane resins and UV filters. It is a quick and easy alternative to conventional varnish, since it can provide excellent protection in all climates. It is ideal for long term protection and enhancement of all interior and exterior marine and household woods above the waterline. EPIFANES Rapidclear provides an enhancing UV protecting film. It bonds extremely well to teak and other oily woods, preventing discolouration and emphasises the natural grain of the wood. It can be used for renewing weathered areas, prior to a varnish or as a full system for those requiring a quick an easy semi-gloss finish with excellent breathing properties, flexibility, maximum durability, UV protection and longevity. Apply by brush, foam brush, roller or spray 3 to 4 coats. Three to four coats are sufficient to most conditions. Sanding between coats is not required. If top coated with varnish, sand with 220 grit dry abrasive paper. Easy touch up and maintenance.

Thinner: Brush application - Do not thin Spray application- Use the appropriate thinner

Recoatable: After 5-6 hours at 18°C (65°F)

Coverage: 750ml is sufficient for 10 sq.meters

Code	98787
Package	750ml

EPIFANES Woodfinish Gloss, High Gloss, with UV Filter



A clear, high gloss varnish-like finish with excellent adhesion to new teak and other oily woods. To be used on teakwood, iroko and as an alternative for continuous maintenance of wood oil systems, for interior and exterior work above the waterline in both fresh and salt water environments. When applied on non-oily wood that does not need to "breathe", a minimum 8-10 coats are required. Not suitable for bankirai. For brush or spray application use the appropriate thinner.

Recoatable: After 24 hours at 18oC (65oF). No sanding required if recoated within 72hours

Coverage: One liter is sufficient for 12sq.meters (130sq.feet)

Code	98780
Package	1lt

EPIFANES Woodfinish, Matte



A clear satin finish for use over Epifanes Woodfinish Gloss (one component). It provides a beautiful, satin sheen for interior use. For brush or spray application use the appropriate thinner.

Recoatable: After 12 hours at 18°C (65°F)

Coverage: One liter is sufficient for 12sq.meters (130sq.feet)

Code	98781
Package	1lt

EPIFANES Clear Varnish, High Gloss



A clear, high gloss, traditional one-component varnish, based on tung oil, phenol and alkyd resin with excellent outdoor durability, containing an ultra violet filter protecting the wood against discolouration. For use on bare wood, inside and outside above the waterline. For brush or spray application use the appropriate thinner.

Recoatable: After 24 hours at 18°C (65°F)

Coverage: One liter is sufficient for 14sq.meters (150sq.feet)

Code	98772	98773	98774	98775
Package	250ml	500ml	1lt	5lt



EPIFANES Rubbed Effect Varnish, Poly-urethane Resin

A quick drying, clear, one-component, interior satin finish, based on a polyurethane/alkyd resin. It gives superior protection against alcohol and other aggressive household chemicals. Apply as a finish coat over several build-up coats of EPIFANES Clear Gloss Varnish. For brush or spray application use the appropriate thinner.

Recoatable: After 12 hours at 18°C (65°F) **Coverage:** One liter is sufficient for 13sq.meters (140sq.feet).

Code	98776	98777
Package	500ml	1lt



Teak Care

EPIFANES Teak Oil Sealer

An impregnating oil based on linseed oil and alkyd resin. It protects teakwood from discolouration by weather or pollutants. It is ideal for the maintenance of teak decks. Film build-up must be avoided. Apply with a wide brush or lint free cloth. Use the appropriate thinner.

Recoatable: Wet-on-wet

Coverage: 8-10sq.meters (85-100sq.feet)

Code	98786
Package	1lt



TEAK WONDER Teak Dressing Sealer (Silicone Sealer)

It keeps the splendid golden appearance without having to wash the teak every day with fresh water. By applying this silicon based product, you seal the pores of the wood, preventing the penetration of the dust and dirt that darken it, and also protecting the natural teak oils against the ultraviolet rays that oxidise and discolour them. The dressing also prevents liquids such as diesel, oil, fish blood, and paints from penetrating the wood, making subsequent cleaning easier. They don't smell, don't become shiny or slippery, don't stick, dry rapidly and do not make or build up the surface.

Code	98863	98864
Package	1lt	4lt



TEAK WONDER Teak Cleaner & Brightener

By applying the two products contained in each bottle one after the other, you wash away the grey colour that has accumulated in the wood, rediscovering the splendid golden of the teak. All in a few minutes and without removing millimeters of precious wood from the deck, as occurs during sanding. Neither of these two liquids is aggressive or caustic and therefore does not damage rubber, paint or stainless steel fittings.

Code	Description
98865	Combo Pack Cleaner & Brightener, 2x1lt
98866	Teak Cleaner, 4lt
98867	Teak Brightener, 4lt



98865



98866



98867

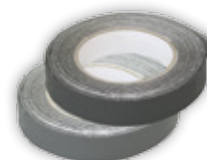
Nonskid Products



Non-slip Tape, with Elasticity

Non-slip tape for outdoor and indoor use. High quality adhesive and strong durability, available in black or white color. Great resistance to moisture and water. Ideal for deck, stairs, bathrooms, corridors etc. Ideal for boating, home, work places, warehouses, etc.

Code	Dimensions	Colour
11848	25mm x 5m	Black
11849	25mm x 5m	Grey



General Use Cases



Masking Tape, White

It is a general-purpose tape, suitable for holding, sealing, as well as surface protecting. It has been designed for indoor use but also for extended outdoor use, since it can withstand up to 80°C temperature. It is supplied in white colour and different sizes.

Code	Dimensions
11851	20mm x 50m
11852	25mm x 20m
11853	50mm x 50m



Marine Duct Tape

Multi-purpose, waterproof cloth duct tape, with a strong hold due to fabric reinforcement, suitable for repairs and insulation. It offers excellent durability and strong welding power. This Duct tape can be used in various indoor or outdoor jobs and repairs. Very good adhesion to all types of surfaces. Available in different colours and two sizes.



Code	Dimensions	Colour
11545	50mm x 5m	Black
11546	50mm x 5m	White
11547	50mm x 5m	Red
11548	50mm x 5m	Blue
11549	50mm x 5m	Silver
11550	50mm x 50m	Black



General Use Tapes



Mounting Tape, White



Nailing on the boat is over with the double-sided adhesive tape. It is suitable for mounting pictures or any other decoration on most types of dry and smooth surfaces, you don't need nails when decorating your boat.

Code	Dimensions
11850	2mm x 18mm x 1.6m

Instructions of Use

Use 10cm (4") of tape for every 227gr of the item to be mounted. The tape is suitable for objects with maximum weight up to 900gr.

1. Cut the tape at the necessary length. Do not remove the protective liner.
2. Press the tape on the back of the object to be mounted. Press firmly on the liner for a better outcome.
3. Remove the liner and press firmly the object on the wall.



Note: If you wish to remove the mounted object, insert a knife behind the mounted object and cut the tape between the two surfaces. Don't pull the object, in order to avoid damaging the surface or the object.

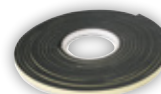
Vinyl Foam Thermal & Sound Insulating Tape, Black



The thermal & sound insulating tape is suitable for the pipeline freezing resistance, insulation and decoration. Generally, it is used whenever a specific area or place needs to be insulated in order to be protected by the variations of temperature or even to protect the people on board by undesirable sounds. It can also be used between the hull and the sole boards, so as to minimize the squeaking noises. It is available in 2 different sizes.



Code	Dimensions
11854	50mm x 5m
11855	25mm x 5m



Marine Neoprene Tape Hatchseal, Black

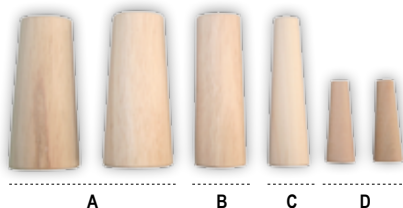
Self-adhesive neoprene tape with thermal & insulation properties. It also prevents sound, dust and insects. Easily fitted into doors, lazarettes, spotlights, and wherever you wish to use it. Useful accessory that eliminates heat loss in the winter and stops cool air currents from escaping in the summer. Available in two dimensions.

Code	Dimensions
11551	3m x 19mm x 3mm
11552	3m x 19mm x 6mm

Teak Drain Plugs

Wood Drain Plug

Code 71965



	Number of pieces	Max Ø (mm)	Small Ø (mm)	Length
A	2	51	38	110
B	1	38	33	110
C	1	30	19	110
D	2	22	13	62

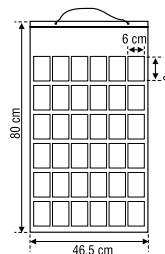
Boat Lettering & Signs



Letter Case

This case has been designed for the convenient and effective display of the letters, used to mark the boats. It is made of durable vinyl. It is available in grey colour with 36 clear front panels, which allows the customers to see the letters easily, and choose the ones needed. On the top there is a clear pocket (10x45cm) where retailers can place the logo of their shop. No letters are supplied with the letter case.

Code 10451



Numbers & Letters, Black, 7cm

Code	97717	97718	97719	97720	97721	97722	97723	97724	97725	97726	97727	97728	97729	97730	97731	97732	97733	97734	97735	97736	97737
Letter	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Code	97738	97739	97740	97741	97742	97743	97744	97745	97746	97747	97748	97749	97750	97751	97752	97753	97754	97755	97756	97757	
Letter/ Number	V/Λ	W	X	Y	Z	Γ	Δ	Θ	Ξ	Π	Σ	Φ	Ψ	Ω	0	1	2	3	4	5	
Code	97758	97759	97760	97761	Code	97762					97763										
Letter/ Number	6	7	8	9	Description	Kit of greek - english letters (5) & numbers (5), black					Kit of english letters (5) & numbers (5), black										





Silicone Stickers Ø80mm

No Paper in the Toilet



Code | 95758

No Shoes



Code | 95759

No Bras



Code | 95760

No Swimsuits



Code | 95761

PVC Stickers Ø135mm



No Shoes

Code | 10150



No Smoking

Code | 10160



No Swimsuits

Code | 10170



No Harassing the Captain

Code | 10180



No Bras

Code | 10190

Tool Kits



Marine Tool Kit Professional

The Professional Marine Tool Kit (45 pcs) is suitable for dealing with most common repairs on a boat. Equipped with all the necessary tools, such as screwdrivers, pliers, spanners and many others, it is definitely useful for work on the deck, on the engine, or on electrical and electronic appliances. All tools are made of durable chrome vanadium material; they are non-corrosive and designed for long-term use.



Code	11474
Description	Basic
Tools	28*pcs



The Professional Marine Tool Kit includes:

Tool	Pieces	Tool	Pieces
Hex key: 2.5-3-4-5-6-8-10mm, CRV	7	6" Long nose plier, CRV	1
Torx key: T9-T10-T15-T20-T25-T27-T30-T40, CRV	8	8" Diagonal plier, CRV	1
Screwdriver: SL5*75; SL6*100; PH1*75; PH2*100, CRV	4	8" Lock plier, CRV	1
Double open wrench: 6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, 22-24, CRV	8	10" Adjustable wrench, CRV	1
300g Machinist hammer	1	1/2" Socket set in plastic holder: 1/2" Socket, 10-11-12-13-14-15-17-19-22-24mm; 1/2" Ratchet handle; 1/2" Extension bar 5", CRV	12
8" Combination plier, CRV	1		

Multi-Tools & Cutters

Bolt Cutter, 90cm



Code | 72199

Cable Cutter, 60cm



Code | 73602

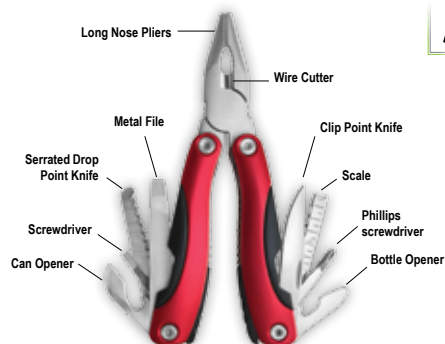


Multi-Tools & Cutters



Marine Multi-Function Tool, Red

Code | 10200

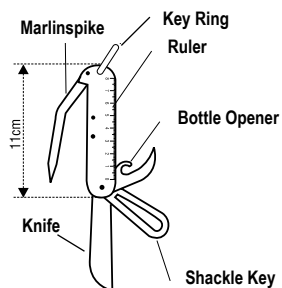


Pocket Knives

SkipperMate Knife, Inox, L:11cm



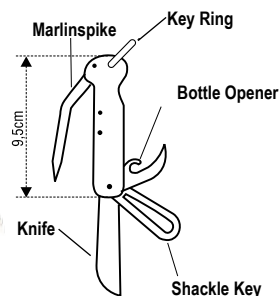
Code | 11476



SkipperMate Knife, Inox, L:9,5cm



Code | 11477



Polyurethanes



Sika Polyurethane, 1 Component, 300ml, for Wooden Surfaces, Sikaflex 290Dc, Black

Code | 63224



Sika Polyurethane, 1 Material, 300ml, for Collusion-General Use, Sikaflex 291, Black

Code	63227	63228
Colour	Black	White



Sika Polyurethane, 1 Material, 70ml, for General Use, Sikaflex 291i, Black

Code	63225	63226
Colour	Black	White

Glues & Repair Kits



Code | 74705



Repair Kit for Inflatable Boats

It includes:

- PVC Fabric, 2pcs: 150x200mm grey & 150x200mm white
- Neoprene Fabric, 1pc: 150x200mm black
- Glue tube 20gr
- Key for valves





Repair Kit for Neoprene/Rubber Fabrics



Code | 72437

Package Includes:

- Cleaner - 30ml
- Hardener/Cross linker - 15ml
- Primer G.O. - 30ml
- Glue (PO 40) - 100ml
- Fabric (neoprene polyester 10x30cm)
- Brush

Application for

- Life rafts
- Tender boats
- Fenders
- Other neoprene & rubber products

Repair Kit for TPU/PVC/EVA Fabrics



Code | 72436

Package Includes:

- Cleaner - 30ml
- Hardener/Cross linker - 15ml
- Glue (PO 40) - 100ml
- Fabric (Nylon TPU 10x30cm & PVC 10x30cm)
- Brush

Application for

- Life rafts
- Tender boats
- Inflatable Fenders
- Other TPU, PVC & EVA products

Polishing & Waxing

Available only in certain countries



IOSSO Gel Coat Restorer Quick Gloss K1

Removes water spots, rust and strong dirt from hard plastic/ polyester and gel coat surfaces. Restores shine and smoothness to the applied surface. Use by hand or with a buffing wheel. Also suitable for painted surfaces and transparent plastics (plexiglass, PVC, etc.).

Code	71116
Package	500 ml



IOSSO Fiberglass & Metal Polishing Cream

This easy-to-use polishing cleaner removes oxidation, tarnish, surface rust, and leaves a brilliant shiny protective coating instead. Recommended for use on all metals, plexiglas, hard plastics and painted surfaces. Can be applied in gel coat as well. It restores the colour to the frosted fiberglass surfaces and protects the applied area for months. After application no wax is required. You can use it on plexiglass and painted surfaces, but also to remove dulls, surface dust and oxidation from metals such as chromium, aluminium, magnesium, stainless steel, bronze and copper.

Code	71115
Package	250 ml



IOSSO Clear Plastic Restorer Glitter

Fiberglass & Plastic Cleaner/Reconditioner. Cleans plexiglas and hard plastic/ polyester surfaces and eliminates thin scratches. Applied only with a buffing wheel. Also suitable for glass and transparent surfaces.

Code	71117
Package	250 ml



IOSSO Multi Use Polishing Cream, 50 ml

Professional non-abrasive polishing product; cleans, protects and polishes the surfaces. Gives again colour to stained fibrous glass surfaces, preserving them for a long time. Removes all types of oxidation, tar and surface rust dirt. Ideal for fibrous glass (gel coat), plexiglass, epoxy painted, metallic (stainless steel, aluminium, copper, brass), chromium plated and magnesium alloys surfaces. It does not request any further polishing actions. For professional use only.

Code | 71728

Cleaning Products

Available only in certain countries



BARDHAL Diesel Fuel Injector Cleaner

A professional cleaner for the maintenance of diesel fuel injectors. It keeps the efficiency of the injection system, reduces fuel consumption and the maintenance costs.

- Cleaning and protection of the entire supply system (sprayers, pumps, valves, & chamber)
- Avoids instability at minimum speeds
- Prevents disruption of sprayers & pumps
- Refers to the efficiency of sprayers, ensuring optimum spraying of oil reduces fouling
- Reduces pollution & noise

Code	71139
Package	300 ml



IOSSO Bilge Cleaner Custom

A concentrated and bio-degradable cleaner for bilges, engine rooms, garages, and similar use. Dissolves oils, grease, gasoline, and similar remains. Can be used as it is, or slightly-diluted with water.

Code	71121	71122
Package	1lt	4lt



Cleaning Products

Available only in certain countries



IOSSO Sea Weeds Remover Decap-Out

Waterline & hulls sea-weeds remover. Antivegetative descaler for non-metal hulls, keels & tubes. Removes quickly any short of limes, lime stones, barnacles, sea-weeds and dirt. Suitable also for bathrooms, toilets, tiles and ceramic surfaces. Unsuitable for metal appliance.

Code	71123
Package	1lt



IOSSO Foamy Metal Cleaner

Universal cleaner, suitable for a wide range of metals, such as stainless steel, copper, brass, silver, gold. Removes superficial oxidations (rust) from hard surfaces and keeps metal bright & shiny.

Code	71126
Package	750 ml



IOSSO Protective Spray Wax for Inflatable Boats Raft Wonder, 750ml

Code	63763
------	-------



IOSSO Concentrated Powerful Detergent Magic Cleaner

A concentrated & multi-use cleaner for all surfaces, such as wood, plastic, polyester, and even sails. An Eco-friendly biological product, without chlorine that can be diluted with sea water as well.

Code	71124	71125
Package	1lt	4lt



IOSSO Powerful Cleaner for Inflatable Boats & General Use 123 Via

A powerful cleaner for inflatable boats and general marine use. Removes the remains of petrochemicals, sunscreen, creams, ink, bird droppings and restores the original shine of the buoy. Apply without adding water.

Code	71118
Package	750 ml



118 Descaler for Condensers and Cooling System, 1lt



Code	42683
------	-------

622 Black Water Treatment, 24 tabs



Code	42681
------	-------

Functions:

- Stops bad smells.
- Accelerates the organic wastes biodegradation.

Features:

- Effervescent tablets highly concentrated with enzymes.
- Non toxic and non caustic.

636 Grey Water Treatment, 1lt



Code	41659
------	-------

Functions:

- Stops bad smells.
- Degrade and liquefies oils, organic and vegetal greases.

Features:

- Active formulation highly concentrated with enzymes.
- Non toxic and non caustic.

202 Oxalic Acid, 1kg



Functions:

- Cleans, degreases and bleaches the teak.
- Can be used as a multi-purpose cleaner and deoxidizer.

Features:

- Oxalic acid crystals

Code	46774
------	-------

917 Gelcoat Restorer, 1kg



Code	40255
------	-------

Functions:

- Removes stains, light scratches, restores original colour and shine.
- For fiberglass, gelcoat, stainless steel and painted surfaces.

Features:

- Coarse rubbing compound.
- Silicon and PTFE free

205SI Concentrated Hull & Deck Cleaner



Functions:

- Cleans.
- Degreases.
- Renews.

Features:

- For painted surfaces, hulls, superstructures, ropes, etc.
- Very effective concentrated formulation.

Code	46776	49850
Package	1 lt	5 lt

205W Wash & Wax Shampoo



Functions:

- Cleans.
- Protects.
- Brings a glossy finish with no stains.
- Leaves a water repellent film.

Features:

- For gelcoat, painted and varnished surfaces.
- Green apple scent.
- Concentrate.

Code	40231	40232
Package	1 lt	5 lt

314 Sails & Canvas Cleaner, 1lt



Functions:

- Cleans heavy fabric types like sails, awnings, etc.

Features:

- Concentrated formulation.
- Low foaming and very effective.

Code	46778
------	-------





Available only in certain countries

920 Stainless Steel Polish, 150ml



Functions:

- Shines and protects chrome, stainless steel and copper.
- Deoxidizes.
- Erase surface scratches.

Code | 42484

319 Ribs and Fender Cleaner



Functions:

- Cleans and removes salt, dirt and black stains.

Features:

- Based on vegetal solvents.
- Excellent results without altering the PVC.

Code	46777	46780	49851
Package	750ml	1 lt	5 lt

200 Teak Cleaner



Functions:

- Cleans deeply teak and exotic woods.
- Removes the tasks and degreases.

Features:

- Alkaline detergent.
- Safe for fibers and joints.
- 201 is being applied next.

Code	42684	42685
Package	1 lt	5 lt

201 Teak Brightener



Functions:

- Renovates and brightens teak (brings a radiant sandy colour)

Features:

- Acide solution.
- Use after Clinazur 200 Teak cleaner.

Code	42686	42687
Package	1 lt	5 lt

102 Rust Streaks Remover, 1lt



Functions:

- Deoxidized and removes rust stains.
- Removes yellow stain.
- Do not damage the gelcoat.

Features:

- Work on plastics, gelcoat, painted surfaces and metal surfaces.

Code | 46770

918 Polish with Teflon, 500ml



Functions:

- High shine finish.
- Long lasting protection.

Code | 46779

312 Leather Nutrient Cream, 500ml



Functions:

- Cleans, nourishes and protects leathers and vinyls.
- Prevents drying and premature aging.

Features:

- Stabilized and neutral nutrient cream.
- Pleasant scent.
- Works on all kinds of leather even the soft ones.

Code | 40257

315 Waterproofing For Fabrics, 750ml



Functions:

- Protects and treats fabrics.
- Acts in depth, directly in the heart of the fibre.
- Suitable for fabrics, clothes etc.

Features:

- Long time action.
- Ready to use.

Code | 42400

890 Black Streaks Remover



Functions:

- Cleans.
- Degreases.
- Perfumes.
- Multi-purpose.

Features:

- Works for engines, bilges, floors, rims, coachworks, plastic or painted surfaces, enamel, stainless steel, etc.
- Leaves a pleasant sea scent.
- Ready to use.

Code	46769	41661	42398
Package	750ml	1 lt	5 lt



Available only in certain countries



31 Rust Converter

Functions:

- Neutralizes rust.
- Converts the rust in a protective barrier on all ferrous metals.
- Ideal as a primer before painting.



Code	42678	42679
Package	250 ml	1 lt

new



OXYPHOS Gel Rust Remover, 500ml

Code | 42677



320 Protective Wax for Ribs, 750ml

Code | 41662



301 Clay Stone, 400gr

Code | 41663

03 Bilge and Engine Cleaner, 1lt



Code | 46767

918 Polish with Teflon, 500ml



Code | 46779

900 Heavy Cut Polishing Compound



Code	45574	45579
Package	500 ml	1 lt

901 Medium Cutting & Polishing Compound



Code	45575	45580
Package	500 ml	1 lt

902 Extra Fine Polish (Anti-holograms)



Code	45576	45581
Package	500 ml	1 lt

903 Ultra Fine Polishing Compound, with Wax



Code	45577	45582
Package	500 ml	1 lt

Rigid Foam Pad (for 900)



Code | 45583

Medium-Rigid Foam Pad (for 901)



Code | 45584

Medium-Soft Foam Pad (for 902)



Code | 45585

Soft Foam Pad (for 903)



Code | 45588





Boat Cleaning Set

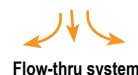
The set consists of one wash brush (50904), one scrub brush (50905), one hook and one telescopic handle. The boat brushes are used for gentle or hard cleaning respectively. They are made of polypropylene body and PVC bristles to resist better against the salt and the sun. The nylon hook is light, with small length and large angle for easier and better hooking. The brushes and hooks by are made of thread, in order to be fitted to the handle. The telescopic handle is 110cm long and can extend up to 200cm, so that you can adjust it accordingly. It is made of anodised aluminium for more durability and longevity. These cleaning products have been designed according to your needs, for your own convenience.

Code | 50906



Boat Wash Brush Flow Thru, Medium Bristle, Yellow

Made of dense medium bristles that retain water and create rich foam, making it ideal for cleaning surfaces with no persistent dirt. It incorporates a screw thread to attach any of the plain or telescopic handles (57340-2). Even more, its improved design with flow-thru system allows you to attach the relevant handle (57344) and have a constant flow of water right at the point you are cleaning. Unlike traditional wooden brushes, this one is made of polypropylene body - 20,3cm in length - and PVC bristles 6,5cm long, offering more durability and greater resistance to sun and salt water. Finally, its white silicone bumper will protect your boat surfaces from any damage during cleaning.



Code | 50904

Boat Wash Brush Flow Thru, Bi-Level, Medium Bristle, Yellow

Ideal to clean all parts of the boat. It features a two level surface brush. One of the surfaces allows you to hold it like all brooms and clean horizontal surfaces, like the deck. The second surface allows you to hold the handle parallel to the surface you are cleaning, which is very convenient when cleaning surfaces like the freeboard. Its dense medium bristles retain water and create rich foam, making it ideal for cleaning surfaces with no persistent dirt. It incorporates a screw thread to attach any of the plain or telescopic handles (57340-2). Even more, its improved design with flow thru system allows you to attach the relevant handle (57344) and have a constant flow of water right at the point you are cleaning. It is made of polypropylene body - 25,4cm in length - and PVC bristles 6,5cm long, offering more durability and greater resistance to sun and salt water. Finally, its white silicone bumper will protect your boat surfaces from any damage during cleaning.



Flow-thru system

Code | 57345

Boat Scrub Brush Flow Thru, Hard Bristle, White

Ideal for scrubbing surfaces where stubborn and persistent dirt exists, since it is made of hard bristles for fast and effective cleaning. As with the medium brush, the scrub brush also incorporates a screw thread to attach any of the plain or telescopic handles (57340-2). Additionally, it features flow-thru system, which allows you to attach the relevant handle (57344) and have a constant flow of water through them right at the point you are cleaning. It is highly resistant to the marine environment, since it is made of polypropylene body 20,3 cm long and 5cm PVC bristles. Finally, it features white silicone bumper, which will protect your boat surfaces from any damage during cleaning.



Flow-thru system

Code | 50905

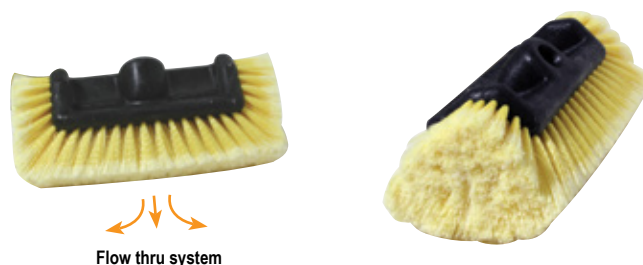


Boat Brushes & Handles

Boat Brush Flow Thru, 4 sides, yellow

The 4-side boat brush ideal for cleaning all surfaces on the boat. Unlike wooden brooms, this has greater resistance to corrosion by the sun, salt and detergents due to its construction material. With flow-thru system that allows water to pass through the boat brush.

Code | 70689

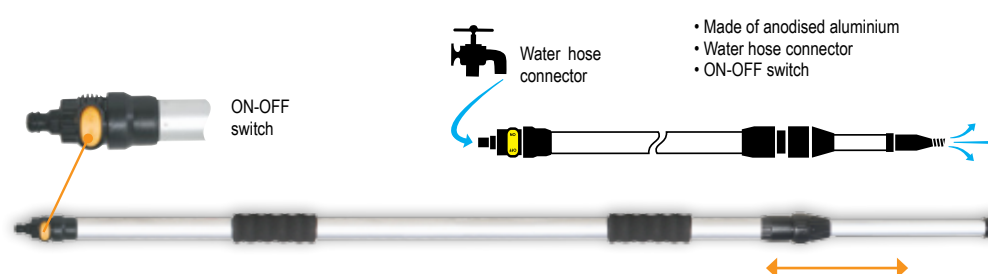


Boat Hooks

Alternatively, the boat hook head (57343) is also available. It is lighter, reinforced for extra strength, with a wider opening, which allows you to capture objects more easily. This hook head can be used with the plain (57340) or telescopic tubes (57341 - 57342), which are sold separately. All LALIZAS boat hooks are manufactured following the highest standards. The hooks are made of Nylon and the poles of high-quality anodised aluminium for longer life.



Code	Description	Diameter (cm)	Length (cm)	
			Min	Max
57340	Aluminum Tube for hook/broom	2,5	130	
57341	Aluminum Tube Telescopic for hook/broom	2,2 - 2,5	110	175
57342		2,2 - 2,5	170	305
57343	Hook with Thread - Black	2,2	-	



Telescopic Handle Flow Thru for Boat Brush

Code	57344
Length (cm)	127 - 220
Diameter (cm)	2,5 - 3,2

Buckets

Marine Bucket, Black

Code	72059	90598
Capacity (lt)	7,5	10
Material	rubber	plastic

Fabric Bucket

Code	99203
Capacity (lt)	8
Diameter (cm)	24
Height (cm)	22



Adjuster

Cover	238
Hatch	202
Stay	252

Anchor

Bow-roller	90
Roller	82, 90, 93
Ropes	91

Anchors

Bruce	88
CQR	88
Danforth	88
Delta	88
Folding	88
Grapnel	89
Hall Type C	88
Rocna	89
Sea	35-36, 233
Vulcan	89

Anodes

Conical	156
Honda	158
Hull	156
Inboard	156
Max prope	156
Mercuriser	157
Mercury	157
OMC/Johnson	156, 158
Propeller	156
Suzuki	158
Volvo	157
Yamaha	178
Yanmar	157

Antenna

Base	266-267
Cable	266
Connector	266
Splitter	264

Antennas

AIS	266
Radio	264
Internet	265
Television	264
VHF	265

Ashtray

	366
--	-----

Bags

Lifejacket Storage	17, 396
Under seat	127

Bailers

	48, 163, 175
--	--------------

Barbecue

Accessories	359
Gas	358
Grill	359

Barometer

	365-366
--	---------

Barrel Bolt

	222-223
--	---------

Base

Antenna	266-267
Hook type	247
Horseshoe lifebuoy	30
Life jacket light	23
Life raft	48
Lifebuoy light	24, 30
Outboard engine	142-143
Quick release	234-235
Rail support	211, 220-221, 365
Rod	381-382
Seat	227-228
Switch	349
Table	229
Telescopic	235
Top slide	233-234
Trash bag	211, 364

Bathyscope

	381
--	-----

Battery

Box	353-354
Case	208, 354
Cover	353
Holder Tray	163-164, 353-354
Lead terminal	353
Switch	354
Terminal	353

Belts

Lifejacket	15
------------	----

Safety

	13
--	----

Bimini

	230-232
--	---------

Bimini Accessories

	234
--	-----

Binoculars

	270-271
--	---------

Black Ball

	60
--	----

Black Cone

	60
--	----

Blade for Paddles

	130
--	-----

Blocks

	248-252
--	---------

Boat Mover

	128
--	-----

Bolt Cutter

	401
--	-----

Books

	277
--	-----

Boots

Long-Leg	391
Neoprene	391

Bosun's Chair

	254
--	-----

Bow Stop

	178
--	-----

Breathing Apparatus

	49
--	----

Brushes

	407
--	-----

Bucket

	87, 408
--	---------

Buckles

	15, 255
--	---------

Bulbs

	355-356
--	---------

Buoy

Diving	112, 379
Marking	109, 112, 378
Mooring	110, 384
Buoyancy Aids	20-23

Cable

Grommet	146-148
Outlet	344
Terminal	344-345

Cables

	344
--	-----

Clam Cleats

	253
--	-----

Can Holder

	120, 211, 365
--	---------------

Canopy

Adjustable strap	234, 255
Aluminium	231
Clamp-on	233
Clevis fork	233
Connector	234-235
Cover for connector	235
Deck hinge	233-234
Eye end	233
Fabric	235
Fastener	226, 235
Flushmount	233
Hinge	234
Hook	253
Mounting clip	233
Mounting 1-Wing	233
Mounting 2-Wings	233
Rowlock	234
Rowlock attachment	234
Sailboat	232
Stainless Steel	230
Suction disc	233
T - Fitting	221

Canvas Hats

	392
--	-----

Cap

Captain's	392
Fisherman	392
Jockey	392

Carpets

	239
--	-----

Case

Drink	209, 363
Folding	210, 364
For control panel	208, 348
For deck filler	135, 204, 207
For electric power shore center	350
For fire extinguisher	56, 209
For mixer tap	207, 291
For shower/head	206-208, 287-289
For toilet paper	300
General use	210-211, 363, 365
Mobile/VHF	210, 364
Unbreakable	380
With battery switch	135, 204, 354
With deck filler	287-288, 290-291
With net	211, 365
With shower head	287-288
With water inlet/outlet	290-292

Chain

Connector	87
Roller	90

Chains

Galvanized	86-87
Inox	87

Chairs

	226-227
--	---------

Charge Controller

	352
--	-----

Charts

	259, 272-273, 276
--	-------------------

Chocks

	215
--	-----

Cleaners

	403-404
--	---------

Cleaning Products

Cleaning	403-406
Rigid Foam	406
Polishing	404-406

Cleat

Deck	216
Flat line	215
Open base	216
Polyamide	216
Pull-up	216
U Bolt	216

Clinometer

	254
--	-----

Clip

Adjustable	114
Folding	114
For pedestal	228
Mounting	233
Plastic	24, 131
Support	27, 114, 131

Compass

	260-263
--	---------

Connector

Anchor	89
Brass	303-304
Female	165-166, 351
Male	165-166

Cooker

	360-361
--	---------

Coolers

Isothermal	361
Spare Parts	362

Copper Sleeves

	244
--	-----

Cord Sets

	350
--	-----

Cover

Boat	237
Console	237
Engine	141, 236
Inflatable Life jacket	14
Isotherm	209, 363
Laser	175
Latch	223
Optimist	175
Power Inlet	351
Radio/Mp3	208, 269
Stanchion	220
Tarpaulin	236

Cup

	362
--	-----

Cushion

	34, 228
--	---------

Cutlery

	362
--	-----

Cylinder

Compressed Air	49
CO ₂	12

Deck

Chair	229
Clip	213
Filler	133-134, 202-204
Hatches	199-200, 201
Ventilation Systems	205

Deck Plate

Round	197
With Pressure Lock	197
With Removable Bag	197

Delta Ring

	244, 255
--	----------

Director's Chair

	229
--	-----

Dividers

	271
--	-----

Drain

Plug	127, 169, 313-315, 400
Socket	127, 169, 311, 314-315

Drains

	307, 310
--	----------

Dry

Bags	17, 58, 393-395
Briefcase	128, 395

EBBD

	48
--	----

Elbow Fittings

	303
--	-----

Ends

Eye	233-234
-----	---------

EPIRB	61-64
Exhaust	169
Extension	
Outboard Engine	141
Tiller	254
Fairleads	217, 246, 252-253
Fan	366
Fastener	
Door	222
Grommet Nut	225
Hatch	223
Hexagon nut	225
Sail	226, 235
Faucet	289-290
Fender	
Adjuster	106
Basket	107
Cover	104, 107
Hook	106, 223
Valve adapter	106
Fenders	
Bow	105-106
Center Hole	102
Clip-on	104
Dock	106, 108
Heavy duty	101
Inflatable	103
Multipurpose	104
Optimist	104, 174
Rope Through	102
Round	101
Stern	105
Utility	102
Fins	377
Fire Blanket	55
Fire Extinguishers	54-55
Brackets	55
Fire Hose	52
Fire Hose Coupling	53-54
Fire Port	56, 140
Fireman Axe	51
Fireman Belt	52
Fireman Boots	51
Fireman Fire Hood	51
Fireman Gloves	51
Fireman Helmet	51
Fireman Suit	51
First Aid Box	47, 65-66
Fishfinders	257-258
Suncover	258
Fishing	
Basket for longline	383
Flashing Light	383
Floats	110, 384
Knife	379
Needle for fishing net	383
Reel for fishing line	383
Waders	389
Fitting	
Corner	220
For tank vent	163
Inlet	306
Outlet	312
Rail	221
Terminal	221
T-Shape	220-221, 304
Flag Pole	
Base	220, 240
Plug in	240
Polyamide	240
Stainless steel	240
Flags	239, 379
Flashing Light	383
Float Switch	
Automatic	280-281
Electrical	281
Footrest	118
Fuel	
Valve	163
Vertical Sender	174
Fuel/ Water Separator	168
Funnel	
Extension	163

Filter	163
Furling Ties	243
Fuse Holder	347-348
Fuses	100, 348
Gangways	122
Gauge	
Fuel level	159-160, 174
Meter	133
Glasses	362
Gloves	392-393
GPS	257-258
Suncover	258
Grated Water Intake	304
Guide for Collision Regulations	274
Handle	
Inflatable boat	126
Plastic	114, 130
Ring Pull	224
Steering wheel	146
Handles	
Aluminium for hook/brush	114, 408
Chrome plated	224
Flow-Thru	408
Inox	224
Plastic	224
Handrails	223-224
Hardcote & PTEE	254
Hasp	219
Hatch	
Adjuster	202
Cover	206
Door	186
Fastener	222-223
For VHF/RadioCD	198
Gasket	202
Handle	205, 223-224
Insect Screen	201-202
Inspection	193-194, 196, 200
Inspection, Watertight	196
Key Handle	196
Lock	222
Opening Stay	199
Rectangular	181-191, 193, 195, 198
Storage	182-192, 194, 197-198, 205-206
Headlamp	343
Hinge	
Ladder	115, 117
Polyamide	218
Reversed	219
Right	218-219
Silent	217
Stainless Steel	218-219
Hob-Unit	360
Hook	
Aluminium	113, 384
Cabin	223
Carabiner	247
Fastener	223
Fender	106, 223
For inflatable boat	127, 233
Multi-purpose	211, 222, 246, 364
Pelikan	245-246
Pine	113
Plastic	114, 131
Safety	14
S-Hook	247
Snap	245-247
Spinnaker	246
Spring	247-248
Stainless Steel	247, 384
Swivel eye snap	246
Telescopic	113, 384
Trigger	246
With thread	114, 131
Fishing	384
Horn	
Electric Air	172-173
Electromagnetic	172-173
Fog	59
Head only	59, 171
Mouth	59
Refill canister	59, 171
Set with canister	59, 171

Stainless Steel	171, 173
Switch	349
Horseshoe	
Case	30
Holder	30
Hose	
Accessories	166, 301-302, 316
Boat Sanitary	302
Exhaust	302
Fuel	166
Liquid Discharge & Water Delivery	301-302
Stainless Steel	220
Hose Clamp	
Inox	302
Hydrostatic Release Unit	
For Liferaft	45
For EPIRB	64
Immersion Suits	36
Impellers	
Bukh	151
Caterpillar	152
Cummins	152
Diesel	151
Evinrude	148
Garoni	152
Honda	148
Jabsco	155
Johnson	148, 154
Mercury	149
Oberdorfer	153
Onan	152
Perkins	150
Renault	150
Sherwood	151
Sole	149
Suzuki	149
Tohatsu	150
Volvo-Penta	153
Westerbeke	151
Yamaha	149
Yanmar	150
Inflatable Boats	124-125
Inflatable Boat	
Bench	126
Davits-Roll Bars	135, 176
Drain Sockets	127, 169, 314-315
End Block	126
Flooring	126
Handle	126
Paddles	129-130
Paddle Holder	126, 131
Repair kit	128, 403
Rope Holder	126
Storage	127, 395
Transom Pads	140
Valves	127
Inspection Device	37
International Marine Code	240
Jacket	
Fishermen	389
Inshore Sailing	387
Jockey Wheel	179
Key Chains	148, 366
Knives	
Diving	379
Marine	402
Labels for Switch Panels	345, 347
Ladder	
Connection	117
Base	118
Hey hole plate	115, 117
Hinge	115
Mounting Bracket	115
Support	117
Ladders	
Aluminium	115, 118
Bow	116, 121
Folding	116-120
Platform	120-121

Raft	116
Rope	115
Safety	32-33
Stainless Steel	115, 118-119
Telescopic	119-120
Transom	117-118
Lamp	341-342
Laser Cover	175
Latern	343
Letter Case	400
Letters	400
Lifebuoy	
Holder	27
Horseshoe	29
Light	24-25, 179
Ring	26-28, 46
Lifebuoy Ring	
Bracket	31
Case	29
Container	28
Mounting Kit	28
Non-SOLAS	26
Pole	28
Set	27-28
SOLAS	26
Lifejacket	
Cover	14
Dry bags	17, 396
Lights	23-24
Re-arm Kit	12
Sea Dye Marker	14
Sprayhood	12-13
Lifejackets	
Child	16-17
Belt	17
Inflatable	5-11
Kid's	17
ISO Foam	16-17, 20
Solas	10-11, 18-19
Work vest	20
Lifeline	51
Liferaft	
Base	46, 48
Food/Water	48
Hydrostatic Release	45
Lashing	46
Light	46, 343
Liferafts	
ISO	37-42
SOLAS	43-45
Lifesaving Apparatus	35
Light	
Base	24, 30, 126, 331-332
Cap	343
Courtesy	342
Dome	179, 341 - 343
Flood	343
Lantern	343
LED Tape	342
Lifebuoy	24-25, 179
Lifejacket	23-24
Liferaft	46, 343
Solar	340
Underwater	342
Line Thrower	58
Log Books	277
Marine Stereo	268
Mask	377
Medical Equipment	66
Megaphone	59, 269
Mooring	
Buoy	109-111, 384
Ring	28
Rubber compensator	93
Spring	93
Mosquito Repellent	366
Motor	
Flusher	143
Lock	141
Trolley	143
Mugs	362
Multi-Function Tool	402

Navigation Lights

All-Round	327, 329-331, 336-337, 339-340
Bi-colour	324, 326, 328-331, 333, 335-336, 338-339
Combination	338
Fixed	335
Folding	332
Masthead	324, 328 - 331, 333, 335-340
Plug-in	332
Pole	323, 332
Port & Starboard	323-325, 328-331, 333-340
Portable	126, 331
Stern	324, 326-327, 329-331, 333-340
Telescopic	332
Towing	340
Tri-colour	326-327, 329-332, 336-337, 339
Navigation Plotter	257-258
Suncover	258
Nets for Bowrail	221
Nozzle	53

Oarlock

Holder	132
Polymide	132
Set	132
Socket	126, 131
Oil Extractor	168
Oil Measurer	163
Optimist	
Accessories	175
Cover	175
Deck Collar	175
Fenders	104, 174
Hiking Straps	175
Outboard	
Safety Lock	141, 222
Tiller	141
Outboard Engines	136-139
Propellers	139
Propeller guard	139
Oils	144
Grease	144
Lubricant	144

Pad

Outboard Transom	140
Stainless Steel	212-213
Transom	140
Pad Eyes	212-213
Paddles	
Blades	130
Buoyant	48, 128
Clip Holder	24, 114, 131
Collar	130-131
End cap	130
Dismountable	130
Double Palm Grip	128
For Inflatable Boat	129-130
Handle	114, 130
Grip	130
Kayak	129-130
Oarlocks	131-132
Palm Grip	129
Standard	129
Support clip	114, 131
SUP	368
Telescopic	129-130
With Hook	129-130
With Removable Blade	128
Padlocks	222
Parallel Ruler	271
Pilot Maps	273, 276
Pin	245
Plastic Ties	166
Plates	362-363
Platforms	121-122
Plug	
Brass	302, 305
Drain	127, 169, 314-315
Electric	350
Pole	238
Polishing Cream	403
Polyurethane	402
Power Inverter	352
Press Stud	235

Pressure Switches	283
Primer Bulbs	164-165
Protractor	271
Pull Pin	235
Pumps	
Accessories	133
Automatic Water	284
Bilge	279-280
Double Action	132-133
Electric	132, 283-284
Foot Pump	126, 132, 282
Hand	282
Impellers	150-155
Macerator	286
Oil Change	168
Suction	164, 285
Spare Parts	283-285
Water	282-283, 285-286, 382
Water / Fuel	280
Watertight	383

Radar Reflector

Pole	61
Radio-CD Housing	208, 269
Radio/MP3	268, 375
Rail support	30, 107
Raincoats & Rainsuits	388
Ratchet Tie-Downs	15, 178, 234
Reducer	303-304
Refill Canister	59, 171
Repair Kit	
For foot pump	282
For hand bilge pump	282
For inflatable boat	128, 402-403

Rescue System

Ring	
Delta	244, 255
D-Ring	244, 255
Round	244

Rod

Base	382
Holder	381-382
Holding Ring	381
Storage Rack	381
Support flush mount	381
Support side mount	381
Roll Bar	135
Roller	178, 374

Rope

Anchor	91
Crusing	242
Dyneema	242, 383
Engine Starter	141
Fender	108
Floating	30
Longline Fishing	382
Mooring	91-93
Multiple use	243
Polyester	242
Scotta	242
Ski	374
Stretchcord	243
Superline Braided	242, 383
Tow Rope	374
Wind-surf	242

Rope Stopper	253
Rudder Retaining Clip	254

Safety Harness

Safety Line	14, 34
--------------------	---------------

Screen

Door Insect	202
Fly/Mosquito	201
Hatch Insect	202

Screws

Chipboard	225
Hexagon	225
Self-tapping	225
Slotted countersunk head	224

Scupper	167
----------------	------------

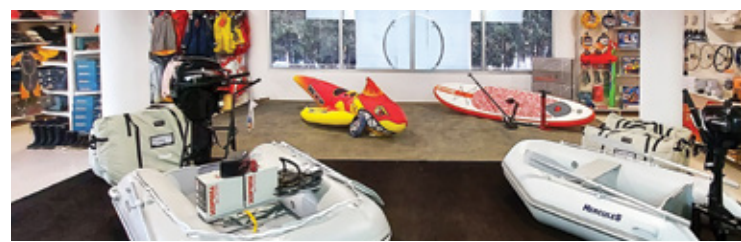
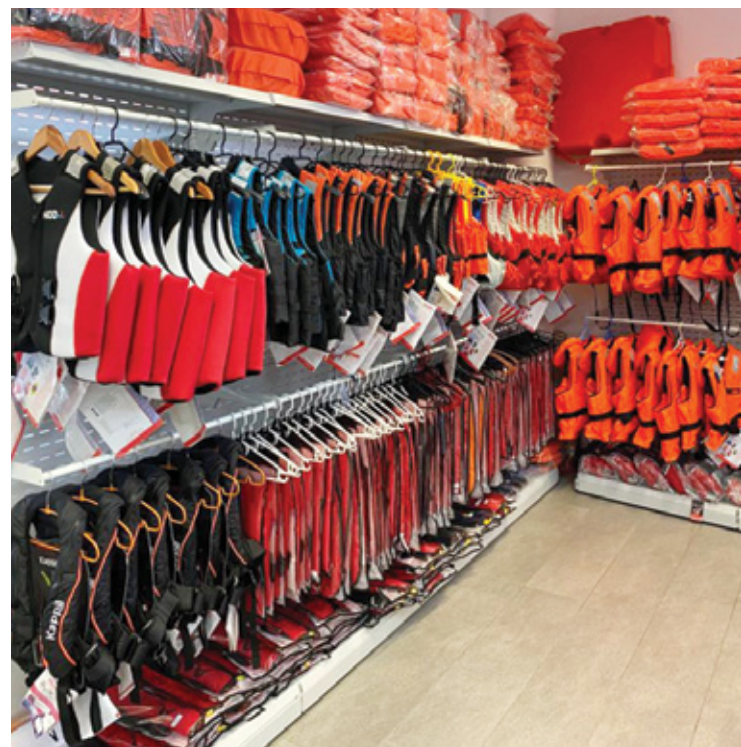
Sea Guide	274
------------------	------------

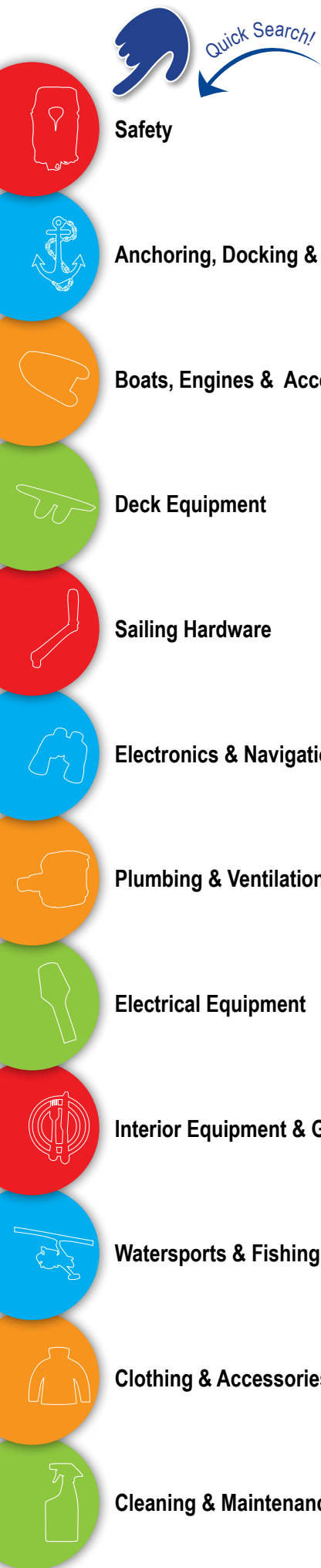
Sensors	258
----------------	------------

Shackle	
"D" type	87, 213-214
"Ω" type	214
Clevis pin	215
Galvanized	91
Halyard	214
Polyamide	246
Long	214
Snap	214
Twist	214
U Shape	215
Sheaves	252
Shock Cord olive	242
Shoes	
Deck	391
Sportive	392
Shower	
Head	286
Hose	286
Sump System	289
Smoke Detectors	61
Smoke Signals	56-58
Signaling Mirror	47, 59-60
Silencer	168-169
Ski	
Rope	374
Transom Mount	374
Ski Tubes	369-373
Sockets	350-351
Solar Panels	351
Solvents	398
Spares parts	
For EEBD	48
Speakers	269-270, 355, 375-376
Sprayhood	12-13
Spreader Boots	253
Steering Wheel	
Adaptor	145
Bezel Kit	144
Cable	145
Control side mount	147
Handle bar	146
Helm	144-145
Steering Wheels	145-146
Steps	115, 118
Stickers	401
Storage Bottle	58, 162
Straight Coupling	303
Strap Buckle	20, 234
Strum box	321
Strainers	321
Sunglasses	396
SUP	
Boards	368
Paddle	368
Surveillance System	265
Switch Panel	
Base	345
Frame	345
Function Labels	345, 347
Key	345, 347, 349
Switch Panels	346-347
Switches	
Battery	354
Electric toilet flush	354
Ignition Starter	300
Kill Switch	147
On/Off/Mon	147
Pump	345-347, 349
Push/Pull Button	281, 345
Windlass	349, 345
Swivels	90
Table	
Aluminium	229
Bottom Plate	228
Pedestal	229
Support bracket	229
Top	228
Top Plate	228
Tank	
Accessories	159, 161, 163-164, 174, 293-297, 353
Flexible	297
Fuel	159-162, 293

Fuel Vent	167
Plate	293
Waste	159, 293, 296
Water	159, 292-295, 297-298
Water pump	286
With Spout	161
Tap	292
Tapes	
Duct	255, 399
Masking	255, 399
Mounting	255, 400
Neoprene	255, 400
Nonslip	255, 399
Solas	36
Thermal & Sound Insulating	255, 400
Tarpaulin Cover	236
Teak	
Cleaner	399
Sealer	399
Tee Connection	220-221
Thermal Blankets	47
Thermal Switches	347-348
Thermometer	366
Thimbles	91
Thru-Hull Fitting	
Brass	316
Elbow	297, 310, 312
Flush flange	305
Set	310
Standard flange	308
Straight	297, 306-307, 312
Telescopic	311
Threaded	308, 311
With hose barb	306, 309-310
With non-return valve	311, 313
With Washer	305-306
Thruster	
Control Panel	100
Radio remote control	100
Thrusters	
ECO Propotional	95
Electric Retractable	97-98
Electric Tunnel	94
Hydraulic Retractable	98-99
Hydraulic Tunnel	96
Ignition Protected	95
Stern Pod	97
Thinner	398
Toilet	
Base	298
Case/Holder for Paper	206, 300
Chemical	298
Cleaning Fluid	298
Disinfectant Sanitizing Unit	301
Electric	299
Manual	299
Repair kit	299-300
Spare kit	298, 300
Switch	300
Tool Kit	401
Torches	46, 343
Trailer	
Female plug	179
Jockey wheel	179
Lights	179
Male plug	179
Spare Tire Mounts	179
Spool keel roller	178
Wheel for jockey	179
Winch	177
Winch cable	178
Trim Tabs	
Engine	142
Trousers	
Fisherman	389
Sailing	387
Tube	
Inox	220
Socket	221
Turnbuckles	245
USB Charger	350

Valve	
Inflating adaptor	126, 133
Key	126, 133
Valves	
Anti-vent loop	300
Ball	315-316
Inflating	127
Non-return	127, 169, 312-314
Way	162-163
"Y" Type	315
Varnishes	398-399
Vent	
Bilge blower	167, 319, 352
Clamshell	317
Double	317
Fuel tank	167
Rectangular	317
Round	316
Solar powered	320
With flange	316
With water outlet	317
Ventilator	
Cabin	320-321
Connector	317-319
Cover	317
Tank	166
Shaft drills	318
Stainless steel	320-321
Ventilators	168, 319-321
VHF	259-260
Handsfree	260
VHF Micro Bracket	267
Washer	225
Water Accumulator	285
Water Intake	313-314
Water Toys	376
Waterproof Connection Box	348
Wax	403
Webbing	235, 255
Welcome Mats	239
Wetsuits	
Neoprene	377, 390
Thermal	47
Whistle	59
Winch	
Strap	177
Trailer	177
Winch Handle	
Aluminium	86, 243
Case	244
Floating	86, 243
Holder	244
Glass reinforced PA	86, 243
Wind Indicator	253
Windlass	
Capstans	79-81
Chain Counter	82-83, 100
Chain Pipe	81
Chain Stopper	81
Control Switch	81, 84
Drum Winch	79
Gypsy	85
Footswitch	84
Hand held Control	82-83
Handle	86, 243
Maintenance Kit	84
Radio Control	82-84
Rope Kit	77
Windlasses	
Horizontal	75-79
Vertical	69-75
Windshield Wipers	170
Wiper Arms/Blades	170-171
Wire Rope	
Clip	244
Stainless steel	244
Workwear	388
Water and food	48





Safety

Anchoring, Docking & Mooring

Boats, Engines & Accessories

Deck Equipment

Sailing Hardware

Electronics & Navigation

Plumbing & Ventilation

Electrical Equipment

Interior Equipment & Galley

Watersports & Fishing

Clothing & Accessories

Cleaning & Maintenance



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