

New Products



32 Cabo

Rope of Longline Fishing, Polyester



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HERCULES PRO



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144 Cabo

Marine shock cord, covered by polyester for nautical uses



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Clothing & Accessories

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5 Finger Cut Amara - beige/anthracite



2 Finger Cut Amara - grey/black

Quality Sailing Gear

All sailing clothes are designed in such a way so as to meet the demands of the sport they are to be used for. There is a wide variety in design and manufacture of sailing clothes, combining certain qualities and characteristics, such as waterproofness, breathability, comfort and durability depending on the conditions and use they are intended for. In order to meet every one's needs, Lalizas offers a wide range of professional sailing clothes, from traditional sailing outfits to high performance offshore clothing and leisure jackets that can be worn just as easily at sea as they can be on shore.

Materials

The fabrics and materials used for Lalizas clothes are chosen based on their ability to meet the demand of various sailing levels. More specifically the fabrics used by Lalizas, are the following:

- Taslon Nylon Oxford / Taslon Nylon / Cordura: All of them are fabrics used in Lalizas clothing. The main difference to the wearer is that the Taslon Nylon is softer and has a more cotton like feeling and touch than Taslon Nylon Oxford. Cordura is rougher on its surface and mostly used as reinforcement on parts that endure friction, such as elbows, knees and seats.

- In addition to the above fabrics, Lalizas uses Neoprene on the inner handcuffs (depending on the model) to absorb water and maintain body temperature. 'Pro Race' Wetsuits are also made of neoprene as it provides the necessary stability in body temperature, as well as, comfort.

PVC and PU are fabric coatings used by Lalizas. Both are water-impermeable materials that are coated on the fabric to keep the water out of the garment.

- PVC: PVC is a Polyvinyl Chloride material of high durability and abrasion resistance. Garments coated with PVC and sealed seams eliminate the possibility of water finding its way through the fabric 100%. Lalizas has chosen the PVC coating on the inside and outside of Fishermen gear, as it is needed to wipe out easily fish blood and grease. PVC coating was also chosen for the IT Inshore garments, as we believe that especially for beginners, children and occasional sailors the major demand is to keep them absolutely dry and easy to clean.

- PU: PU is a synthetic polymer (Polyurethane) that is lighter and more flexible than PVC. It is ideal for cruising based on its flexibility as it lacks the abrasion resistance of PVC and therefore is only applied on the inside of the garment. It is important that PU coated garments are taped to prevent water from getting in through stitch holes. Lalizas has chosen this coating on ALL of its breathable garments: 'HTX 15000' Offshore, Skipper 'MC Maximum Comfort', 'Extreme Sail XS', 'Free Sail FS' and the 'XTS Extreme'. A very important feature is that all seams are heat-welded, so as to avoid water ingress through stitching.

Breathability & Waterproofness

PU coatings allow the garment to be breathable and waterproof. How can that be? Moisture molecules are smaller than water molecules. Based on this, the pores of the PU coating on the outer fabric allow the smaller moisture molecules to pass through its pores to the outside, which makes the garment breathable. The water molecules, on the other hand, are larger than the PU pores of the PU coating and therefore are blocked on the outside, making the garment water resistant and waterproof.

Dressed for Action

The crew should always stay dry and warm, no matter the weather. Loss of body heat, which leads to hypothermia, is one of the major dangers when sailing. Prolonged exposure to cold tires out the body quickly. Even a fit and experienced person with regular clothing, will lose consciousness within two or three hours, after being immersed in water at 17°C. Naturally, the time is diminished if the water is colder than 17°C. Therefore, all crew members should have access to suitable clothing, which is fully functional and protect against hypothermia.

In general consider the following:

- In order to maintain the appropriate body temperature, it is advised to wear many thin layers of clothing, rather than one thick layer
- Base and mid layers should be fleece and fibre pile garments, which trap warm air and provide quick drying comfort
- The outer layer should preferably be sailing gear for full weather use. Chest high trousers and jacket with high collar, hood and storm cuffs will provide a complete barrier against rain, spray and wind. Breathable fabrics, which transmit sweat to the outside, are likely to provide the best performance. Bright colours and retro-reflective stripes are strongly recommended.

Head, hands and feet should also be protected

Head: One third (1/3) of body heat is lost from the head, so a warm hat will make you feel more comfortable during cold days. Always have your hair pulled back or tucked under your hat, to avoid them being caught anywhere.

Hands: Gloves are necessary to protect and keep your hands warm. Padded versions at the points of contact, will allow you a better grip and also protect you against rope burn.


Feet: Suitable footwear is mostly important as they will allow you better traction on wet and slippery surfaces. Soles should be flat, nonskid and should be worn and removed easily. Never work on deck barefoot, as you may easily get injured by the equipment.

Extras: Another item that you should carry with you is a stainless steel pocket knife, equipped with a marlin spike and shackle key

Some tips to identify a "good" sailing gear & the right one for you

- Be realistic in assessing the kind of weather you expect to encounter and the number of times per season you are likely to wear the gear. While it is a serious mistake to go Ocean Racing with a basic or Cruising gear, it is also possible to "overbuy" sailing gear.
- If your activity is limited to day trips or buoy racing in fair weather, it is recommended to purchase a light breathable gear. Occasionally though you may be exposed to unexpected bad conditions, but it is likely to be back on the dock before real discomfort sets in.
- If you plan to engage a long distance racing or cruising or if your local conditions tend to be tougher, the investment in an Offshore gear will pay you back in full

 Two Colours

 One Colour

 New Product



Suitable for OFFSHORE



Suitable for COASTAL



Suitable for RACING



Suitable for FISHING



Advisor



Information



Useful Hints



Best Quality



Unisex



Child



Competitive Price



Offer



Taped Seams



Breathable 85%
Water Resistant 85%



Water Proof 100%



With Fleece



Captain's Suggestions



The Right Garment for You



Fishing / Rainwear

If you need a garment with exposure to abrasion and chemicals, like fish blood or grease.

Features

- The fabric has been PVC coated on both sides on both sides
- Stain Resistance
- Easy Cleaning
- Heat Welded Seams

Lalizas Model

- 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 and is easy to clean.

Features

- Depending on the model:
- PU or PVC coated Nylon Tason and Tason Oxford
 - Medium weight for Durability
 - 3 in 1 Combinations
 - Neoprene Cuffs
 - Taped Seams
 - Loops for Lifejacket/Harness
 - Hoods
 - Breathable
 - Retro Reflective Tapes
 - Hand Warmer Pockets
 - Reinforced High Abrasion Areas

Lalizas Model

- Inshore Sailing Jacket & Trousers 'Extreme Sail XS', 3 in 1
- Inshore Sailing Jacket & Trousers 'Free Sail FS'
- Inshore Sailing Jacket & trousers IT
- Pro Race Neoprene Wetsuits



Recreational Inshore

If you need a garment for day trips, hobby cruising or buoy racing in fair weather. Occasionally though you may be exposed to unexpected bad conditions, but it is likely for you to be back at dock before real discomfort sets in.

Features

- Jaquard, with fleece (inside)
- Light in weight
- Breathable
- Neoprene Cuffs
- Taped Seams
- Hood
- Hand Warmer Pockets

Lalizas Model

- Skipper 'MC Maximum Comfort'



Offshore

If you are an active sportsman engaging in long distance racing or cruising or if the local weather conditions tend to be tougher.

Features

- Depending on the model:
- Durable PU* coated Nylon Tason Oxford
 - Light & Flexible for Free Movement
 - Strong Reinforced Areas at Points of Friction
 - Extra High Collar- Storm Flap
 - Safety Harness Channel
 - Loops for Lifejacket/Harness
 - Hood with Rain Drainage
 - Adjustable Neoprene Hand and Leg Cuffs
 - Hand Warmer Pockets

Lalizas Model

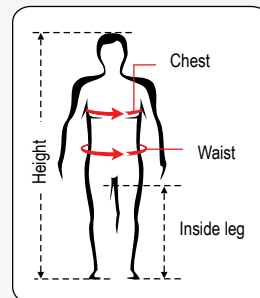
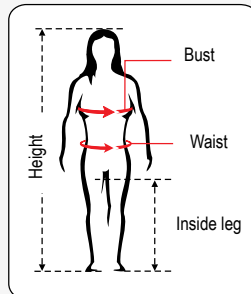
- Inshore Sailing Jacket 'XTS Extreme 3 or 1'
- Offshore Jacket & Trousers HTX15000

*The Offshore garment has been treated with a PU coating of a higher water resistance so as to increase the garment's waterproofing without losing its flexibility.

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 / Bust circumference

Measure the circumference exactly under the armpits holding the tape steady at one point. For the bust 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 create anywhere. Measure along the inner seam of the trousers from the crotch to the leg cuff.

Remember: the length has to reach the end of your feet when you bend your knees !

Take good care of your sailing gear to ensure a long life

- Rinse your outfit in "fresh" water after each trip. Salt might dry out in the pores and hinder the garment from "breathing"
- Clean stains of dirt by hand with a soft sponge and low spin powder detergent
- Do not use strong detergents, bleach or fabric conditioners
- Do not tumble dry and hand wash separately. Do not wash in the washing machine
- Machine wash and the use of fabric conditioners will affect the coating of your garment and it might not be possible to restore the initial water repellancy and waterproofness

Inshore Sailing Jacket 'Extreme Sail XS' 3 in 1, Breathable

The "Extreme Sail XS" Sailing Jacket, is the ideal outfit for Inshore Sailing. It is made of high quality materials, such as Taslon 320T and Taslon Nylon Oxford, with a PU coating, so as to make the jacket waterproof and breathable at the same time.

Other features are as follows:

- Grade of water impermeability: 10000mm
- Grade of Breathability: 2000gr/m²/24hrs
- Removable Fleece Jacket
- Taped Seams
- Two-way Zipper
- Retroreflective Stripes
- Hood Stored in Collar
- Lifejacket and Harness Loops
- Inner Side and Lower Fleece Lined Pockets
- Wallet Pocket
- Neoprene Inner Hand Cuffs



Code	40781	40782	40783	40784	40785
Size	S	M	L	XL	XXL



Hood stored in collar



Removable fleece jacket



Neoprene inner hand cuffs



Wallet pocket



Inshore Sailing Trousers 'Extreme Sail XS' Breathable

The Extreme Sail XS inshore trousers have been designed to be used with the above jacket, but also with the XTS Extreme Jacket. They are made of PU coated Taslon Nylon Oxford and Taslon 320T. They feature:

- Grade of Water Impermeability: 10000mm
- Grade of Breathability: 2000gr/m²/24hrs
- Seat and Knee Patches
- Adjustable Waist & Shoulder
- Taped Seams
- Front Zipper
- Internal Pocket
- Retroreflective Tape

Code	40786	40787	40788	40789	40790
Size	S	M	L	XL	XXL





Inshore Sailing Jacket “Free Sail FS” Breathable

The Lalizas' FS Inshore Sailing Jacket is evolutionary compared to other more traditional inshore jackets. Lalizas have created a high quality jacket in both in terms of design and style.

Features:

- Made of PU coated Tasion Nylon Oxford & Tasion 228T
- Grade of Water Impermeability: 1000mm
- Grade of Breathability: 1000gr/m²/24hrs
- Two way Front Flapped Zipper
- Hand-warmer Pockets & Wallet Pocket
- Hood Stored in Collar
- Taped Seams
- Fleece Lined Collar
- Neoprene Inner Hand Cuffs
- Lifejacket & Harness Attachment Loops
- Retroreflective Stripes
- Available in various colours & sizes



Men's Jackets

	Code	40791	40792	40793	40794	40795
	Code	40796	40797	40798	40799	40800
	Size	S	M	L	XL	XXL






Women's Jackets

 Code	40806	40807	40808	40809	40810
 Code	40811	40812	40813	40814	40815
Size	S	M	L	XL	XXL

Kid's Jackets

 Code	40816	40817	40818	40819
Size	JS	JM	JL	JXL



Inshore Sailing Trousers 'Free Sail FS' Breathable

The FS Inshore Trousers have been designed to match the above jacket range. They share the same quality construction with the jacket, as they are made of PU coated Taslon Nylon oxford.

- Additional features
- Grade of Water Impermeability: 1000mm
 - Grade of Breathability: 1000gr/m²/24hrs
 - Seat & Knee Patches
 - Taped Seams
 - Adjustable Waist & Shoulder
 - Front Zipper
 - Retroreflective Tape

Kid's Trousers

Code	40824	40825	40826	40827
Size	JS	JM	JL	JXL

Adults' Trousers

Code	40828	40829	40830	40831	40832
Size	S	M	L	XL	XXL



Inshore Full Weather Gear

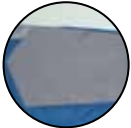
IT Inshore Sailing Jacket

The IT Sailing Jacket is provided with all the extras you demand from a good Inshore outfit. The classical Inshore jacket is made of a robust Nylon Oxford material and is 100% waterproof with all seams taped and sealed.

Features: Reinforced elbows, seat & knee patches, two way front flapped zipper, adjustable waist band, pockets, hand-warmer pockets, wallet pocket, hood stored under collar, fleece lined collar, inner neoprene hand cuffs, lifejacket attachment loops and retroreflective tapes for high visibility.



Fleece lined collar



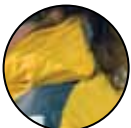
Re-inforced elbow patches



Adjustable waist



Neoprene inner hand cuffs



Hood stored in collar



Pocket



Waist band



Seat & knee re-inforcements

Adult's Jacket

● Code	40295	40296	40297	40298	40646
● Code	40305	40306	40307	40308	40647
● Code	40315	40316	40317	40318	40648
Size	S	M	L	XL	XXL

Kid's Jacket

● Code	40290	40291	40292	40293
Height (m)	1.22	1.34	1.52	1.64
Size	JS	JM	JL	JXL

IT Inshore - Sailing Trousers

The Inshore trousers are made of the same robust Nylon Oxford as the Jacket. It is 100% waterproof with all seams sealed. **Features:** 600D reinforced seat and knee patches, high bib, adjustable waist, adjustable shoulder and front zipper.

The trousers are available in fashionable grey and in sizes corresponding to the jackets. Your own CREW LOOK is possible without having to look like "twins". You have the choice of your own colour preference blue, red, or yellow jackets in combination with the fashionable pair of trousers, gives you the FEELING of your own individuality.

Adult's Trousers

Code	40325	40326	40327	40328	40649
Size	S	M	L	XL	XXL

Kid's Trousers

Code	40320	40321	40322	40323
Height(cm)	1.22	1.34	1.52	1.64
Size	JS	JM	JL	JXL



Skipper Jacket 'MC Maximum Comfort' Breathable

The MC Skipper Jacket combines a perfectly snug and comfortable fit, with warmth, rendering it ideal to be worn in autumn or early spring. It's quality construction will allow your body to breathe, but also protect you from cold, spray or rain, whether you are on board or on land. Additional features are the following:

- Combination of Jaquard (outside) & Fleece (inside)
- Grade of Water Impermeability: 4000mm
- Grade of Breathability: 2000gr/m2/24hrs
- Taped Seams
- Fleece Lined Pockets & Wallet Pocket
- Hood Stored in Collar
- Neoprene Inner Hand Cuffs
- Two way Front Flapped Zipper
- Lifejacket & Harness Attachment Loops
- Available in various sizes & colours



Code	40838	40839	40840	40841	40842	40843
Size	XS	S	M	L	XL	XXL



Skipper Blouson

A classic jacket that is a must in every boat's locker. Designed in a leisurely cut Blouson style, the Lalizas Skipper Blouson is completely fleece lined to protect you from the cold, with two hand pockets plus knitted cuffs and waistband. Very comfortable and light weight to wear, it is ideal to be worn on its own, when ashore or under a Sailing Jacket for those cold and rainy days at sea. Lalizas Skipper Blouson is available in two colours, red and blue and five sizes.



● Code	40480	40481	40482	40483	40652
● Code	40470	40471	40472	40473	40651
Size	S	M	L	XL	XXL





Sailing Fleece Vest

The Lalizas Sailing Fleece Vest is a must for you, for those cold days on the boat. It is made of microfibre on the outside and fleece on the inside, in order to keep your body warm. Additional features which are worth noticing are the two hand pockets and the adjustable waist strings. The Sailing Fleece Vest is available in five sizes and three colours, blue, red, and sand.



● Code	40544	40545	40546	40547	40659
● Code	40552	40553	40554	40555	40661
● Code	40548	40549	40550	40551	40660
Size	S	M	L	XL	XXL



Inshore Jacket 'Zephyr', Breathable

Especially designed for those chilly days, the 'Zephyr' Inshore Jacket will be ideal in terms of comfort and design. The microfibre fabric on the outside will protect you from spray and rain, while the mesh lining on the inside will allow body to breathe. It also features Velcro straps and two hand pockets. All its features combined, create the ideal jacket to be worn on the boat, at land, on the motorcycle, practically any time, anywhere. The 'Zephyr' Inshore Jacket is available in five sizes and two colours navy blue and ice.



● Code	40536	40537	40538	40539	40657
● Code	40540	40541	40542	40543	40658
Size	S	M	L	XL	XXL



For a more complete and stylish look check out the TR90 sunglasses (see pages 19) and the Lalizas caps and hats (see page 26)





Extra high collar with 2nd storm flap



Harness channel compatible with 71145* harness
(*Not supplied)



Adjustable waist



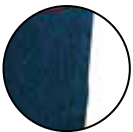
Inner Neoprene hand cuffs with velcro



Full front zipper



Hand warmer pockets fleece lined



Extra strong seat & knee re-inforcement



Inner Neoprene leg cuff with velcro

Offshore - Sailing Jacket HTX 15000

Yachtsmen around the world have proven time after time, that Lalizas clothing is the standard for high technology sailing outfits. The Offshore clothing was the first in our range tested and improved with a breathable PU coating of high rating. A garment is said to be waterproof withstanding a watercolumn of 3.000mm (Column 1m wide x 1m long and 3 m high). The Lalizas Offshore Jacket and Trousers have a waterproof rate 5 times as much, without effecting the breathability, lightness and flexibility of the garment.

This Offshore set helps you to maintain your health and physical condition, even under bad weather conditions, with professional high technology features like two-way zipper, retroreflective tapes, extra high collar, 2nd storm flap, adjustable hood, harness channel, lifejacket and harness loops, removable fleece collar, fleece lined pockets, reinforcements at points of friction, key holder, neoprene inner hand cuffs, elastic waist. Available in blue navy - red colour combination and in five sizes.

Code	40155	40156	40157	40158	40159
Size	S	M	L	XL	XXL



Offshore - Sailing Trousers HTX 15000

The breathable Offshore sailing trousers cover the racer's body up to the chest. They are made of a robust PU coated Nylon Oxford with 600D strong reinforced and taped seam seals. Apart from the advantages of combining high standard features and breathable fabrics, the PU coated fabric makes the garment very light and comfortable to wear even when the going gets tough and workforce is needed.

Features: Full front zipper, 600D dynamically shaped seat & knee reinforcement, inner neoprene leg cuff, hand warmer pockets, elastic waist, special gusset for more movement. Available in blue navy - red colour combination and in five sizes.

Code	40165	40166	40167	40168	40169
Size	S	M	L	XL	XXL





Inshore/Offshore Sailing Jacket 'XTS Extreme' 3 in 1, Breathable

The "XTS Extreme" Sailing Jacket is the ultimate in sailing gear technology. It is highly waterproof and breathable, ideal to be used for both Inshore and Offshore sailing. It is made of high quality materials, such as PU coated Cordura and Taslon Nylon Oxford.

Other features are the following:

- Grade of Water Impermeability: 10000mm
- Grade of Breathability: 2000gr/m²/24hrs
- Removable Fleece Jacket
- Two-way Zipper
- Taped Seams
- Retroreflective Stripes
- Hood Stored in Collar
- Lifejacket & Harness Loops
- Inner Side & Lower Fleece Lined Pockets
- External Bback Pocket with Zipper
- Wallet Pocket
- Mobile Pocket
- Neoprene Inner Hand Cuffs
- Zipper on the Outer Hand Cuffs

Code	40833	40834	40835	40836	40837
Size	S	M	L	XL	XXL



Removable fleece jacket



Hood stored in collar



Mobile pocket



Zipper on the outer hand cuffs



External back pocket with zipper

-
-
-
-
-

Inshore Sailing Trousers 'Extreme Sail XS' Breathable

The Extreme Sail XS inshore trousers are designed to pair up with the above jacket, but also with the XTS Extreme Jacket. They are made of PU coated Taslon Nylon Oxford and Taslon 320T.

They feature:

- Grade of Water Impermeability: 10000mm
- Grade of Breathability: 2000gr/m²/24hrs
- Seat & Knee Patches
- Taped Seams
- Adjustable Waist & Shoulder
- Front Zipper
- Internal Pocket
- Retroreflective Tape

Code	40786	40787	40788	40789	40790
Size	S	M	L	XL	XXL

-
-
-

'Pro Race' Series

The Pro Race series is now available to enhance your sporting experience. Sailors, water-skiers, surfers, wind-surfers, wakeboarders or snorkeling and kayak devotees select Pro Race quality for the sea. Increase your adrenalin rush by wearing your 'Pro Race' shield.

Neoprene Full Wetsuit 'Pro Race' 3:2mm

Full wetsuits are your sport garments for the sea. They offer you up to 1-hour protection from 8°C cold waters with 3:2mm neoprene thickness. 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 limb-ends 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.



For Men

For Ladies

For Children



For Men

Code	70526	70527	70528	70529	70530
Size	S	M	L	XL	XXL

For Ladies

Code	70521	70522	70523	70524	70525
Size	S	M	L	XL	XXL

For Children

Code	70531	70532	70533	70534	70535
Size	JS	JM	JL	JXL	JXXL



Neoprene Wetsuit 'Pro Race' Shorty 2,5mm

In warm weather conditions, Shorty wetsuits with 2.5mm neoprene thickness will give you flexibility, impermeability and UV protection. This wetsuit is entirely sealed with flatlocked seams and aqua stops at sleeve edges and trouser-ends to prevent water flows. Two smooth overlays at the front and back of the wetsuits offer you wind resistance, on chilly days. All Pro Race wetsuits include waterproof back zipper and adjustable neck to embrace your body. There is a special pocket for your keys inside the wetsuit next to the zipper.



For Ladies



For Men

For Men

Code	70511	70512	70513	70514	70515
Size	S	M	L	XL	XXL

For Ladies

Code	70506	70507	70508	70509	70510
Size	S	M	L	XL	XXL



Neoprene Wetsuit 'Pro Race' Thermal Shorty 1mm

The Shorty Wetsuit for children uses thermal technology, which makes it breathable, while it protects your child from water irritations and UV radiation. It has 1mm neoprene thickness to keep your child warm and flatlocked seams to prevent water leaks. The adjustable neck shut offers absolute hang of the wetsuit on your child's body. In addition, the thermal backing of Shorty wetsuit allows your child to make abrupt movements and stay cosy, as thermal overlay is light and smooth. The thermal wetsuit closes easily with a mackintosh back zipper.

For Children

Code	70516	70517	70518	70519	70520
Size	JS	JM	JL	JXL	JXXL



Rash Guards SPF 50+

Rash Guards are shirts made of spandex and nylon to protect the skin from sunburns and water irritations. They offer over 50C° UV protection and are light tops for water sports. When the weather is too warm for a wetsuit, rash guards safeguard your body from water and wave irritations or chafes on rough surfaces. Additionally, their special elastic fabric makes sweat evaporate faster than regular fabrics, keeping you warm and comfortable. 'Pro Race' Rash Guards come in short and long sleeves version for your annual protection.



Long sleeves



For Adults

Code	70536	70537	70538
Size	S	M	L



For Children

Code	70539	70540	70541	70542
Size	JS	JM	JL	JXL

Short sleeves



For Adults

Code	70543	70544	70545
Size	S	M	L



For Children

Code	70546	70547	70548	70549
Size	JS	JM	JL	JXL



Wetsuit Sizing Measurements

MEN

Size	S	M	L	XL	XXL
Height	168-172	170-176	174-180	178-186	184-192
Waist	69	74	79	84	89
Chest	80	85	90	95	100
Neck	34	35	36	37	38
Neck to crotch	66,5	68,5	70,5	73	76

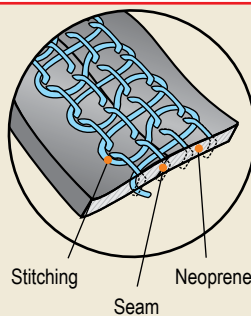
WOMEN

Size	S	M	L	XL	XXL
Height	166-172	168-174	172-178	176-182	180-188
Waist	61	66	71	76	81
Chest	75	80	85	90	95
Neck	28	29	31	32	33
Neck to crotch	65	67	69	71	73

CHILDREN

Size	JXS	JS	JM	JL	JXL	JXXL
Height	115-122	120-128	128-136	136-144	144-152	152-160
Waist	56	58,5	61	63,5	66	68,5
Chest	61	63,5	67,5	71	75	79
Neck	25	26,5	28	30,5	32	33
Neck to crotch	44	48	52	56	58	61

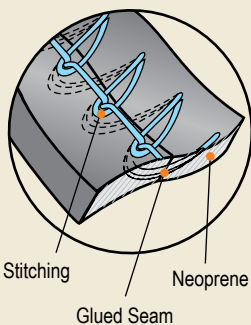
Dimensions are in cm



Flatlock Stitch

The flatlock stitch is suitable for wetsuits usually worn in warmer weather conditions, made of neoprene up to 3mm thickness.

Two pieces of neoprene are butted against each other edge to edge and the stitching goes back and forwards 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.



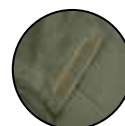
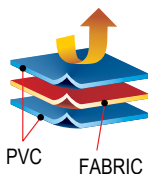
Blindstitch

The blindstitch is the perfect solution for the manufacturing 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.

Fishing Clothes

Fishermen's Jackets and trousers

Fishermen's Jackets and Trousers have a 0,35mm double PVC coating on the inside of the fabric to make it 100% waterproof and on the outside to provide extra durability. Even fish blood and grease are fairly easy to clean. Instead of seam stitching, the different garment parts are "glued" as a second security to make it 100% waterproof. The Lalizas Fishermen gear is designed to minimize the possibilities for nets to get caught while working. They feature full front flapped zipper and inner hand cuffs. The pants have a high bib at the front and back with elastic adjustable belt straps with buckle closure.



Velcro tape at hood chin



Full storm flap



Inner elastic hand cuff



All seams are sealed



Inside trouser pocket

Jacket

● Code	40175	40176	40177	40178	40179
● Code	40185	40186	40187	40188	40189
Size	S	M	L	XL	XXL

Trousers

● Code	40195	40196	40197	40198	40199
● Code	40205	40206	40207	40208	40209
Size	S	M	L	XL	XXL



Fishing Waders, PVC

The Fishing Chest Waders come 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, while the areas of crouch and knees are specially reinforced for long-lasting durability. They are made of PVC and are supplied with a service kit (glue, fabric pieces). They match with Lalizas Fishermen's Jackets (40175-40179).



Code	71052	71053	71054	71055	71056
Size	41	42	43	44	45



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.

The 2 Finger Cut Lalizas Amara gloves are available in a beige/anthracite colour, while the 5 Finger Cut in gray/black colour. The compounds in both types are made of an extremely durable red coloured thread. All models are available in 5 sizes (S-XXL).



5 Finger Cut Amara - beige/anthracite

Code	71688	71689	71690	71691	71692
Size	S	M	L	XL	XXL



2 Finger Cut Amara - grey/black

Code	71693	71694	71695	71696	71697
Size	S	M	L	XL	XXL



Full Finger Neoprene Gloves, 'Pro Race', 3:2mm

Pro Race gloves are your essential protection against cold and wind in all water sport activities. Your hands are sealed with 3.2mm neoprene thickness for protection and flexibility in cold waters. Your palm and fingers are covered with smooth Amara leather for excellent grip of ropes, spear guns, paddles and other sea-sport equipment.

Code	70569	70570	70571	70572	70573	70574	70575
Size	XXS	XS	S	M	L	XL	XXL



5 Finger Cut Sailing Gloves Amara

Our recommendation for best-buy value. Made of very soft Amara, with elastic spandex back and padded palm. Our Amara sailing gloves offer comfort and durability for light work on the boat.

Code	40095	40096	40097	40098	40662
Size	S	M	L	XL	XXL



5 Finger Cut Sailing Gloves Kevlar

Soft and comfortable 5 finger cut gloves with Kevlar palm reinforcement for best grip and durability. We've combined Kevlar 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. Available in 6 different sizes (XS-XXL).

Code	40103	40105	40106
Size	XS	S	M

Code	40107	40108	40663
Size	L	XL	XXL

Gloves Sizing Measurements

5 Finger Cut Amara - beige/anthracite

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

2 Finger Cut Amara - grey/black

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

5 Finger Cut Sailing Gloves Kevlar & Amara

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

"Pro Race" Full finger Gloves Neoprene

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

Dimensions are in cm

Boots

'Tie-Top' Long-Leg Sailing Boots

Smartly designed Lalizas Long Leg 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 feature and cushioned leg top render them extremely comfortable to wear. Available in navy blue with contrasting white trim and 10 sizes, 38 to 47.



Code	40431	40432	40433	40434	40435
No.	38	39	40	41	42
Code	40436	40437	40438	40439	40440
No.	43	44	45	46	47

'Pro Race' Semi Dry Boots, 6mm

Pro Race Neoprene boots protect your feet from cold water. They are made of 6mm neoprene thickness to keep your body warm in cold water. Blindstitched seams inside and outside the boots, waterproof zipper and a special neoprene cover behind the zipper to prevent water leaks. Pro Race 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. Pro Race boots have thick rubber soles for better traction on all surfaces. The white rubber on the bottom of soles ensures no marks on your boat.



Code	40451	40452	40453
No.	31/32	33	34/35

Code	70561	70562	70563	70564	70565	70566	70567	70568
No.	36	37/38	39	40/41	42	43/44	45	46/47

Shoes

Sailing Shoes, 2mm

'Pro Race' shoes are your stylish and comfortable footwear for the beach and water-sport activities. They are made of 2mm neoprene and rubber soles to keep you warm and stable on rough surfaces. Pro Race shoes are flexible as they protect your feet from sand and water irritations. They are easily packed for beach walks and you will find them useful during boating, surfing or snorkeling, because they insulate your feet from friction on rough surfaces, rocks and coral reefs.



For Children

Code	70558	70559	70560
No.	31/32	33	34/35

For Adults

Code	70550	70551	70552	70553	70554	70555	70556	70557
No.	36	37/38	39	40/41	42	43/44	45	46/47



Sportive Deck Shoes

Lalizas expands its Deck Shoes range, by adding a new sportive deck shoe, which will serve your demanding boating and casual needs. It has been designed to offer you extra traction and stability so that you have a good grip on wet surfaces. 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 is supplied in 12 sizes (35-46) and in grey colour.



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



Deck Shoes "Skipper" & Sportive

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 traveling at sea, strolling on land.

The Skipper shoes are hand-sewn or 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 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 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

Caps & Berets

Caps

100% washed out twill cotton caps available in 3 colours.

Code	40060	40070	40664
Colour	Blue	Sand	Red



Sailing Cap with protective neck cover

It is made of cotton fabric and it features Velcro strap-closure at the back, so that you can roll up the neck cover and wear it as a simple cap. Available in two sizes, child and adult, in light blue and blue respectively.



Adult

Code	40557
Colour	Blue



Child

Code	40556
Colour	Light Blue

Fleece Neck Gaiter

Made of polar fleece, which makes it suitable for the cold winter days. It can be perfectly combined with various sailing jackets. Available in navy blue.

Fleece Beret with adjustable strap

Made of polar fleece and it is available in navy blue and black colour.

Code	40559	40560
Colour	Black	Navy Blue



Code	40558
Colour	Navy



Polos & T-Shirts

The Crewman - Clothes Range

The Crewman Range has been created for your comfort, not only during the summer, but also all year round. The range offers both lightweight, cool, T-shirts and the more robust Polo Shirts.



The Crewman T-shirts

The Crewman T-shirts are made of 100% Cotton (160gr/sm) and their classic design makes them ideal for any occasion. T-shirts in 5 different colours (red, orange, soft blue, yellow & lilac), but also T-shirts with 5 different prints. They are supplied in 6 sizes (XS-XXL).



● Code	70776	70777	70778	70779	70780	70781
● Code	70782	70783	70784	70785	70786	70787
● Code	70788	70789	70790	70791	70792	70793
● Code	70794	70795	70796	70797	70798	70799
● Code	70800	70801	70802	70803	70804	70805
Size	XS	S	M	L	XL	XXL



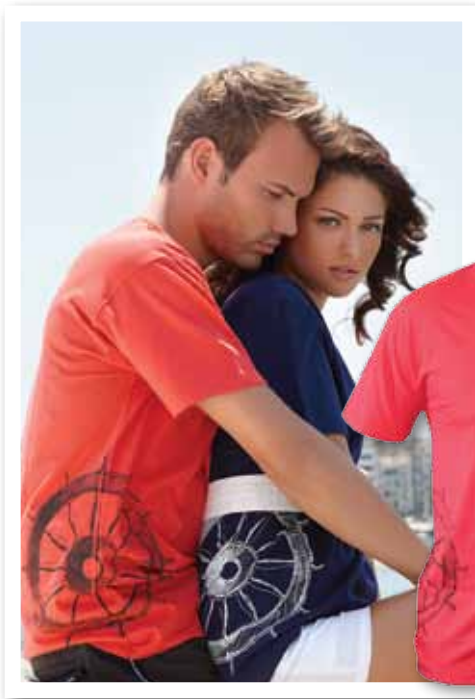
T-shirt, Crewman, "Pirate Boat"

● Code	70830	70831	70832	70833	70834	70835
● Code	70836	70837	70838	70839	70840	70841
Size	XS	S	M	L	XL	XXL



T-shirt, Crewman, "Storm"

● Code	70854	70855	70856	70857	70858	70859
● Code	70860	70861	70862	70863	70864	70865
Size	XS	S	M	L	XL	XXL



Crewman
by LALIZAS



T-shirt, Crewman, "Boat Wheel"

● Code	70818	70819	70820	70821	70822	70823
● Code	70824	70825	70826	70827	70828	70829
Size	XS	S	M	L	XL	XXL



Crewman
by LALIZAS

T-shirt, Crewman, "Knots"

● Code	70806	70807	70808	70809	70810	70811
● Code	70812	70813	70814	70815	70816	70817
Size	XS	S	M	L	XL	XXL



Crewman
by LALIZAS

T-shirt, Crewman, "Sailboat"

● Code	70842	70843	70844	70845	70846	70847
● Code	70848	70849	70850	70851	70852	70853
Size	XS	S	M	L	XL	XXL



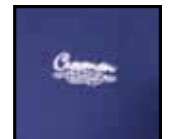
Crewman Polo Shirts

The Crewman Polo Shirts are made of 100% Cotton (200gr/sm) and have the classic Polo-Cut neckline. Available as plain polo shirts in 4 colours (red, soft blue, navy blue & white), but also striped short-sleeved and long-sleeved polo shirts in 2 different colour combinations. They are supplied in 6 sizes (XS-XXL).



Polo T-shirt, Crewman, stripe on the sleeve

● Code	70728	70729	70730	70731	70732	70733
● Code	70734	70735	70736	70737	70738	70739
● Code	70740	70741	70742	70743	70744	70745
○ Code	70746	70747	70748	70749	70750	70751
Size	XS	S	M	L	XL	XXL



Polo Shirt, Crewman, striped

● Code	70752	70753	70754	70755	70756	70757
● Code	70758	70759	70760	70761	70762	70763
Size	XS	S	M	L	XL	XXL

Long-Sleeved Polo Shirt, Crewman, striped

● Code	70764	70765	70766	70767	70768	70769
● Code	70770	70771	70772	70773	70774	70775
Size	XS	S	M	L	XL	XXL

Bermuda Shorts, Crewman

These new Crewman bermuda shorts are supremely comfortable. They are made of 100% Cotton (180gr/sm) and have many pockets. They are supplied in 2 different colours (navy blue & beige) and come in 5 different sizes (S-XXL).



● Code	70866	70867	70868	70869	70870
● Code	70871	70872	70873	70874	70875
Size	S	M	L	XL	XXL



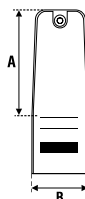
Dry Bags & Bags



BEST VALUE

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 manufactured to withstand harsh conditions, it is suggested that you test for waterproofness regularly to detect any pinhole leaks.



The sizes shown are when the bag is empty



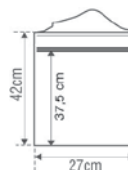
Code	Description	Dimensions (cm)	
		A	B
10440	Dry Bag for mobile phone	19	10
10441	Dry Bag for small VHF	35	10
10442	Dry Bag for VHF	40	10
10443	Dry Bag for small GPS	23	9,5
10444	Dry Bag for GPS	30	12,5



Dry Briefcase

The Lalizas Dry Briefcase has been designed especially for the protection of your boat's documents. Made of durable vinyl, it has a 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 100% waterproof seal with Velcro.

Code..... 10450



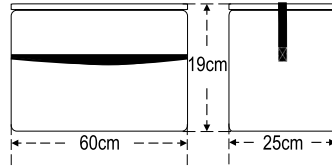
The dimensions shown are when the bag is empty

BEST VALUE

Dry Bags

Under Seat Storage Bag, Ténére 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

BEST VALUE



Dry Bags

The Dry Bag is an ideal product for all water sports and boating needs. Lalizas dry bags are remarkably strong and leakproof. A three-roll watertight closure system keeps everything inside, clean and dry. Available in two colours, red & clear. The see-through version helps the user to locate the items he requires. Available in four sizes



BEST VALUE

Code	Dimensions (mm)	Capacity (lt)	Colour
10001	400x250	5	Clear
10002	600x300	12	Clear
10003	700x350	18	Clear
10004	800x500	55	Clear
10011	400x250	5	Red
10012	600x300	12	Red
10013	700x350	18	Red
10014	800x500	55	Red



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

Dry Bag Atlantic

The dry bags Atlantic are strong, waterproof and leakproof, ideal for heavy-duty use. Their reinforced manufacturing allows you to pack heavy objects, while the clear PVC allows you to always see what you need without having to empty all the contents. The contents of the bag are sealed in, in the same way as the regular dry bags. The Lalizas Atlantic Dry Bags are available in four sizes and one colour combination, clear with blue bottom.

Code	Dimensions (mm)	Capacity (lt)	Colour
10430	400x250	5	Clear
10431	600x300	12	Clear
10432	700x350	18	Clear
10433	800x500	55	Clear

BEST VALUE

Secure closure



Reinforced bottom

Dry Bags Ténére, with shoulder strap

The new heavy-duty dry bags Ténére are the ideal choice for kayaking, canoeing and rafting, but also for every sailing and boating need. Its improved three-roll watertight closure system ensures that all the contents stay clean and dry. These hot air welded dry bags are made of durable PVC Tarpulin 500D, 0.55mm thick, which makes them suitable for all heavy-duty activities. Ténére dry bags are wipe-clean, easy to store and have a shoulder strap that makes them handy to carry on shore. Additionally, the 30LT and 40LT capacity models have an extra handle welded on the side. Ténére bags are available in sand, red and yellow colours and in 6 different sizes.



Code	Dimensions (mm)	Capacity (lt)	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	•



USEFUL HINTS

UV Protection - A Critical Feature: The most important benefit that sunglasses should provide is protection from ultraviolet radiation, 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) 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 manufacturing 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).

"POLARIZED" LENS: The bright sunlight is reflected from many of surfaces that surround us, such as water, snow, pavement, dust, buildings, ice, sand, wet road surfaces and windshields and result to an annoying glare for the eyes that reduce contrast and visual sharpness.

The eyes cannot eliminate reflective glare independently. Since the eyes require minimum amount of light to focus, consequently several other rays penetrate the eyes along with them the glare. The result is tired eyes, headaches, poor vision and sun damage to the eyes. Even though the eyes can't see it, the Ultra Violet rays from the sunlight are 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 a regular lens that does not have a polarizing film the only thing it does is to darken the view without protecting the eyes. In other words, polarized lenses are ideal for anyone who wants to avoid glare and to improve vision in the sunlight.

POLYCARBONATE LENS: Polycarbonate is the most-used material for modern ophthalmic lenses. Consumer interest in thinner, more attractive protective lenses led to the development of special lens materials that would bend light differently than conventional plastic lenses. Polycarbonate was originally used for industrial safety glasses, now is used for children, sports wearers or anyone requesting greater impact resistance in their lenses. Polycarbonate lenses are thinner than standard plastic lenses for greater comfort; they protect the eyes from virtually 100% of the sun's harmful UV rays and are hard coated for excellent durability and scratch resistance.

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 in 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.



TR90 Sunglasses

The new sunglasses line of Lalizas has been created to satisfy the most demanding needs of yours. The TR 90 material used in the frames of the new sunglasses renders them safer from 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 new sunglasses line is completed with polycarbonate sunglasses suitable for the kids. The modern design, as well as, the specialised manufacturing, makes the sunglasses ideal for use in sports, but also in other activities which involve prolonged sun exposure.



Sunglasses, TR90, polarized 1.00mm, black
Code.....71032



Sunglasses, TR90, polarized 1.00mm, black
Code.....71033



Sunglasses, TR90, polarized 1.00mm, black
Code.....71034



Sunglasses, TR90, polarized 1.00mm, black
Code.....71035



Sunglasses, TR90, polarized 1.00mm, grey
Code.....71036



Sunglasses, PC, blue
Code.....71037



Sunglasses, PC, silver
Code.....71038

Watches

Sport Watch, with countdown function

Lalizas sport's watches are ideal for use at sea, as they are water resistant. Their elegant and stylish design makes them suitable, not only for swimming or practicing your favourite water sport, but also for any off-shore activity. They feature functions such as alarm, stopwatch and snooze function, while they have a standard display with hour, minutes, seconds and date. They are also suitable for those involved in racing, as they feature a countdown timer. Lalizas sport watches are available in two different colour combinations, black/blue and black/grey, and are supplied in a gift package.



70160



70161



Code	70160	70161
Colour	Black/Blue	Black/Grey

Electronics

Antenna Mounts _____ 28
Marine Stereo Speakers & Megaphone _____ 28



Page 28



Antenna Mounts

BEST VALUE



Code..... 99657

Four way antenna ratchet mount, two knobs

This ratchet mount antenna is made of reinforced nylon and may be fixed to the deck or bulkhead of your boat. It allows you to adjust the antenna in several positions either vertically or horizontally. Set the antenna at the position of your preference and lock its position manually. A special rift on the top of the antenna is appropriate for coaxial and GPS cables. It is available in white colour.

BEST VALUE



Code..... 70144

Antenna Rail mount, 2 adjustment knobs

This rail mount is made of reinforced nylon and may be fixed to rails of 19.1-25.4mm diameter. It allows full adjustment with which you can achieve complete horizontal and vertical position of the antenna. Two screws 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.

BEST VALUE



Code..... 98692

Fixed antenna mount, H 41mm, Diam. 70mm

BEST VALUE



Code..... 99740

Antenna mount, H 100mm, Diam. 70mm

BEST VALUE



Code..... 98698

Antenna Rail mount, 1 adjustment knob

This ratchet mount is made of reinforced nylon and may be installed on rails of 19.1 up to 25.4mm diameter. The ratchet mount allows you to adjust the horizontal position of the antenna manually. It is available in white colour.

BEST VALUE



Code..... 98687

Four way antenna ratchet mount, single knob

This ratchet mount antenna is made of reinforced nylon and may be installed on the deck or bulkhead of your boat. It allows you to adjust the position horizontally and also locks manually at the angle of your preference. It is available in white colour.

BEST VALUE



Code..... 99660

Antenna Rail mount, H 65mm

Marine Stereo Speakers & Megaphone

Sea Sound Speakers

With Sea Sound 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. There are two types of speakers available; the 2-way and 3-way speakers. The 2-way speakers may be mounted both indoors and outdoors. On the other hand, the 3-way speakers should only be used inside the boat and can be mounted either horizontally or vertically allowing the speakers 360° of movement. The 3-way speakers are available only in black and the 2-way available only in white.



3 Way Speaker Set

Code..... 31304

Technical Specification:

- 3-Way Speaker Set 180W
- Impedance: 4 Ohm
- Sensitivity: 92 db
- Frequency Response: 80-20000Hz
- Peak Power: 180W (per pair)
- RMS Power: 60W (per pair)
- Material: Polypropylene cone
- Magnet: 5.4Oz

Dimensions

Height: 21cm
Depth: 12cm
Width: 13.5cm



2 Way Speaker Set

Code	31302	31303
Diameter (in)	5 1/4"	6 1/2"
Watt	80W	100W
Colour	White	White

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"(133.4mm)

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" (165mm)

Mounting Dimensions

Depth: 64mm, Hole: 136mm
Magnet: 411g (8oz + 6.5oz)



Code..... 90168

Megaphone with Siren Lalizas

16W, 320m

- Diameter: 200mm
- Length: 350mm
- Power: 20W
- Sound Coverage: 400m approx.
- Function: Talk/Siren (or Music)
- Batteries: 6D (not included)
- ABS Housing

Fishing

Tackle & Utility Boxes	30-31
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Cabo
by LALIZAS

NEW



**Superline Braided,
Dyneema sk75 100%**
It is ideal for the optimist
boats, but also for spear gun.

**Rope of Longline
Fishing, Polyester**



“LIFETIME GUARANTEE”

... are two individual words which best describe the high-performance* waterproof cases by SeaShell.

Unbreakable Case, SeaShell, waterproof

Virtually unbreakable & made of high quality materials, they integrate simplicity & functionality in a minimal clear top design. No matter if you are in your boat, or rock-fishing, sailing, performing outdoor excises, being on holidays, or ven in a business trip... SeaShell cases will grant top safety for all your carry-on valuables, fishing gear, electronic devices, as well as, everything else you can fit inside!

And of course, they do float in water...

*High-Performance means: 100% Water-Resistant, Moisture-proof, Dustproof (full-seal vacuum design), Keeping the content dry, floating in the water, made of high-strength compound materials, portable, Very easy to use, All-weather Secure.



Code	71188	71189
Length (mm)	132	
Width (mm)	100	
Height (mm)	40	
Colour	Blue	Yellow



Code	71194	71195
Length (mm)	224	
Width (mm)	130	
Height (mm)	46	
Colour	Blue	Yellow



Code	71190	71191
Length (mm)	182	
Width (mm)	120	
Height (mm)	42	
Colour	Blue	Yellow



Code	71196	71197
Length (mm)	224	
Width (mm)	130	
Height (mm)	70	
Colour	Blue	Yellow



Code	71192	71193
Length (mm)	182	
Width (mm)	120	
Height (mm)	75	
Colour	Blue	Yellow



Code	71198	71199
Length (mm)	224	
Width (mm)	130	
Height (mm)	88	
Colour	Blue	Yellow



**Plastic Case, SF,
Transparent**

Code	70715
Length (cm)	23
Width (cm)	12,5
Height (cm)	3,5



**Plastic Case, SF,
Transparent**

Code	70712
Length (cm)	35,5
Width (cm)	23,4
Height (cm)	4,8



**Plastic Case, SF, Waterproof,
Transparent**

Code	70702
Length (cm)	27,3
Width (cm)	18,3
Height (cm)	4,3



**Plastic Case / Box, SF,
Waterproof, Transparent**

Code	71013
Length (cm)	18,5
Width (cm)	14
Height (cm)	12,3



**Plastic Case, Extra Large, SC,
Grey-Brown, with 4 drawers
included**

Code	61781
Length (cm)	43,5
Width (cm)	23,5
Height (cm)	30



**Plastic Case, Large, SC,
Green-Grey, with 1 Tray
& Reinforced Clasp**

Code	61786
Length (cm)	34,1
Width (cm)	17,8
Height (cm)	15,1



**Plastic Case, SC,
Green-Grey, with 3 Trays**

Code	71011
Length (cm)	50,3
Width (cm)	25
Height (cm)	25,5



**Plastic Case, SC, Black,
with Transparent Lid**

Code	70707
Length (cm)	36,5
Width (cm)	21
Height (cm)	22



**Plastic Case, Large, SC,
Black with Transparent Lid**

Code	70706
Length (cm)	38
Width (cm)	28,5
Height (cm)	9



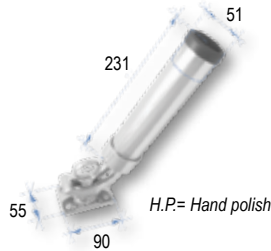
Rod Holders

BEST VALUE



Rod Holder, plastic

Code	98678	98679
Internal Diam.(mm)	43	43
Height(mm)	225	225
Colour	Black	White



Rod Holder (deck type)
Inox 316

Code	96861
Surface	H.P.
Holder	Pipe
Body	Casting



Fishing Rod Holder, Inox 316

Code	70666
Diameter (mm)	44,4
Length(mm)	195
Base Dimensions (mm)	80x59



Four Fishing-Rods Holder
(flush mount), Inox 316

Code	70619
Diameter (mm)	44,5
Dimensions (mm)	725x193

Fishing Accessories



Fishing Chemical Light, Powder

Powder cyallum 3x25mm & 4,5x39mm for use on a fishing rod. Very long burning time. 2 pcs/ foil bag.

Code	Dimensions (mm)	Colour	Included
61902	3 x 25	Yellow-Green	2 stickers
63458	4,5 x 39	Green	2 clips



Flashing led light with photocell, Torpedo 1, red colour, 2 batteries size D

Red colour Flashing Signal light with 5 Super bright LED's. Equipped with a photocell, working only during the night, while it switches off during a day. Uses 2 X D batteries that last for 20 nights. Acid resistant rubber o-ring waterproofs opening. Durable plastic body with anti tumbling protrusions and stainless steel spring inside.

Code.....63454*



Fishing Chemical Light, powder, with snap hook, Green colour

Powder cyallum 10x100mm (4") & 10x150mm (6") with snap hook to attach on a fishing line or a BCD jacket in bright Green colour. Very long duration. 1 pcs/ foil bag.

Code	Dimensions
63461	10x100mm (4")
63462	10x150mm (6")

*Batteries not included



Blistered Lalizas Alkaline Batteries, 1,5V, D, 2pcs

Code.....31339

Flashing led light with photocell, Torpedo 8, white colour, 1 battery size D

White colour Flashing Signal light with 5 Super bright LED's. Equipped with a photocell, working only during the night, while it switches off during a day. Uses 2 X D batteries that last for 20 nights. Acid resistant rubber o-ring waterproofs opening. Durable plastic body with anti tumbling protrusions and stainless steel spring inside.

Code.....63455*



Fishing & Safety Chemical Light, 10x150mm (6") Liquid, with snap hook, Red colour

Liquid cyallum 10*150mm (6") with snap hook to attach on a fishing line or a BCD jacket in bright Red colour. Long duration, suitable for Safety areas marking. 1 pcs/ foil bag.

Code.....63463



NEW

Flashing led yellow light with photocell, Torpedo 8

Yellow colour Flashing Signal light with 5 Super Bright LED's (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 Reglement 404/2011 standard. Furthermore, it uses 1 D type battery that lasts for 20 nights. Also, there is an acid resistant rubber o-ring which ensures the light is waterproof, the Flashing Signal light has a durable plastic body with anti tumbling protrusions and stainless steel spring inside.

Code.....71297*



NEW

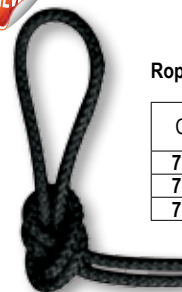
CabQ

Superline Braided, Dyneema sk75 100%

It is ideal for the optimist boats, but also for spear gun.

Code	Diameter (mm)	Colour	Breaking Load (Kg)
63452	1	red/black-white	130
63156	2	yellow/black-white	100
63453	3	blue/black-white	360

NEW



Rope of Longline Fishing, Polyester

Code	Diameter (mm)	Colour	Breaking Load (Kg)
71748	1	black	60
71749	2		110
71750	3		190

CabQ



Fishing line HYDRA, Flex-Tough 200m

Double coated fishing line with smooth finish and high resistance to abrasion. Very high knot strength. Packed in 200m spools and in diameter ranging from 0,165mm to 0,310mm. Ideal for fishing from rocky grounds or where an abrasion resistant line is needed.

Code	63491	63492	63493	63494	63495	63496	63497	63498	63499
Diameter (mm)	0,165	0,185	0,205	0,235	0,260	0,285	0,310	0,330	0,370
Strength (Kg)	2,2	2,6	3,3	4,2	5,1	6,1	7,1	8	9,9



Fishing line HYDRA FluoroCarbon,100m

High quality fishing line with 5 layer construction and 100% Fluorocarbon copolymer hybrid leader. Resistant to abrasion, easy handling and almost invisible in water. Packed in 100m spools and in diameter ranging from 0,148mm to 0,310mm.

Code	63479	63480	63481	63482	63483	63484	63485
Diameter (mm)	0,148	0,165	0,185	0,205	0,235	0,285	0,310
Strength (Kg)	1,5	2,2	2,8	3,4	3,9	6	6,7

Fishing line HYDRA,DYNEEMA-5, 300m

Braided 5 colour fishing line with 100% DYNEEMA fiber. Very strong with minimal extensibility, easy handling and very high knot strength. Packed in 300m spools and in diameter ranging 0,30 & 0,35mm diameter of ideal for Casting, Spinning, Jigging, Trolling.



Code	63501	63502
Diameter (mm)	0,30	0,35
Strength (Kg)	15,3	21

Fishing line HYDRA,Long Cast 200m & 400m

A High quality fishing line with very high knot strength, UV resistant and low memory effect. Packed in spools of 200 & 400m and in diameter ranging from 0,20mm to 0,50mm. Ideal for Casting.



Fishing line HYDRA,Long Cast 200m

Code	63505	63506	63507	63508	63509	63510	63511
Diameter (mm)	0,20	0,25	0,30	0,35	0,40	0,45	0,50
Strength (Kg)	3,43	5,6	7,9	10,9	13,5	17,25	20,25



Fishing line HYDRA,Long Cast 400m

Code	63514	63515	63516	63517	63518	63519
Diameter (mm)	0,20	0,25	0,30	0,35	0,40	0,45
Strength (Kg)	3,43	5,6	7,9	10,9	13,5	17,25



Fishing line HYDRA,X-TRA Strong 600m

An Extra strong fishing line with low memory and very high knot strength. UV resistant and easy handling. Packed in 600m spools and in diameter ranging from 0,30 to 0,50mm diameter. For all fishing that requires extra strength.

Code	63522	63523	63524	63525	63526
Diameter (mm)	0,30	0,35	0,40	0,45	0,50
Strength (Kg)	6	8	11	15	16



Fishing line HYDRA,X-TRA Strong 1000m

An Extra strong fishing line with low memory and very high knot strength. UV resistant and easy handling. Packed in a 1.000m coil and in diameter of 0,60, 0,80 & 1,00mm.

Code	63527	63528	63529
Diameter (mm)	0,60	0,80	1
Strength (Kg)	22,5	40	50

Knives



**Boning knife,
"Y-shaped" cusp,
Stainless Steel,
blade: 14,3cm (6")**
Code..... 70195



**Boning Knife,
Stainless Steel,
blade: 14,3cm (6")**
Code..... 70196



**Diving knife "Security",
Stainless Steel,
blade: 11,5cm (4,5")**
Code..... 61844



**Diving knife "Discovery",
Stainless Steel,
blade: 14,3cm (6")**
Code..... 70198



**Diving knife "Freedom",
Stainless Steel,
blade: 13,5cm, (5,5")**
Code..... 70197

Boats & Engines

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Inflatable boat "HERCULES PRO"



HERCULES
PRO

What is an Inflatable Boat

A type of boat that uses air chambers as a means of buoyancy.

Types

Lalizas "Hercules" inflatable boats are designed to be used as tenders to bigger boats. They are available in 4 sizes, 185, 220, 240 and 270 cm. Depending on the model, various options of floor and keel are available.

Floor

- **Slatted Roll-up:** Slats are placed along the length of the boat, making it more stable but retaining its flexibility. Due to their small dimensions (80x20x1.2 cm) they are very easy to install or to store.

- **Continuous Foldable Wooden:** Consists of large wooden floor boards which are connected with specially designed aluminium connectors (stringers), in such a way, so as to form a continuous rigid floor. When navigating with the motor, it provides very good performance and balance in the boat, as it adds more stability, even at speed.

- **Inflatable:** The Lalizas inflatable floor incorporates the latest in design and technology. The floor is only 7cm thick and almost as rigid as the wooden rigid foldable floor. Under power it provides excellent performance and stability while remaining flexible enough to absorb vibration giving a smooth and cushioned ride. Equally important is the fact that it does not add great weight to the boat and it can be stored very easily.

Keel

Inflatable boats of this size do not normally have a keel. Our boats are very light and handled extremely well, when navigating with the motor. Nevertheless, it is known that a boat with a keel drives and tracks much better and has more lift when using a motor.

- **Inflatable Keel:** An inflatable keel is the best choice for boats of this size, as it offers all the aforementioned advantages, but without the extra weight. Therefore, you can use your boat more often and when the time comes, carry it and store it more easily.

Lalizas offers you the choice between boats with inflatable keels and those without.

Which "Hercules" is best for you?

It can be difficult to choose which "Hercules" is ideal for your boat. You need to consider the following factors, so as to make the right choice:

Usage: You should consider the type and frequency of use. Lalizas suggests that you buy the biggest possible boat. The reason for this is that the bigger the boat the more you will use and enjoy it. Nevertheless, if you intend to use the "Hercules" rarely, for example just to approach the beach, then a small boat will be ideal.

Performance: Bigger boats, apart from the extra usable space, tend to perform much better than small ones. Also, boats with a keel ride and track much better when using the motor, than those without a keel. So, if it is performance you require, a larger boat with an inflatable keel would be the best choice.

Durability: Slatted floor offers a relatively good degree of durability, but if you intend to use the motor often and for long periods of time, then a continuous wooden floor will be perfect for your boat. The inflatable floor offers you almost the same durability as the continuous floor, but it is much lighter.

Portability: Long boats, boats with continuous wooden floor, are heavier than the rest. An inflatable floor is lighter and this the ideal solution, if portability is the main issue for you.

You should that remember the more you want to use your "Hercules", the greater the need for length, good performance and a keel.

Materials

"Hercules" boats are made of extra strong PVC 1100D 1050 g/m² with cold welded seams. PVC is used, because of its resistance to extreme temperatures and chemicals, such as petrol and oil and will provide many years of use. All metal parts are made of stainless steel.

All Lalizas "Hercules" boats carry a 2-year warranty on the tube materials and seams.

Maintenance

"Hercules" inflatable boats are manufactured to withstand weather conditions and last for a long time. Nevertheless, it is suggested that you follow some basic rules, in order to maintain the boat in good condition and prolong its life.

1. Always follow the instructions regarding the inflation of the air chambers. Pressure should not exceed 0.2 kg/cm².
2. Although manufacture to withstand high temperatures, it is suggested that you do not leave your tender exposed to the sun for a long period of time, while inflated. This may cause fading, discolouration or even fabric breakdown and could even damage the seams due to the increased pressure. Therefore, protect your boat with a cover or clean it, deflate it and store it.
3. After each use, dry your boat and remove any sand and dirt from all the surfaces
4. Under no circumstances allow water to enter the air chambers
5. If any petrol or oil comes in contact with the material, wash with clean water and a mild liquid detergent
6. When the time comes to store your "Hercules" for the winter, remove any dirt and sand, wash thoroughly and let it. Check for any damages and repair if necessary. The tender should be stored in a cool, dry place.
7. It is suggested not to use an outboard motor of greater power other than the size recommended by Lalizas
8. Finally, if you move your "Hercules" while it is inflated, do not drag it across stones, broken glass, tarmac or any rough surfaces. Use the lifting handles and carry it.

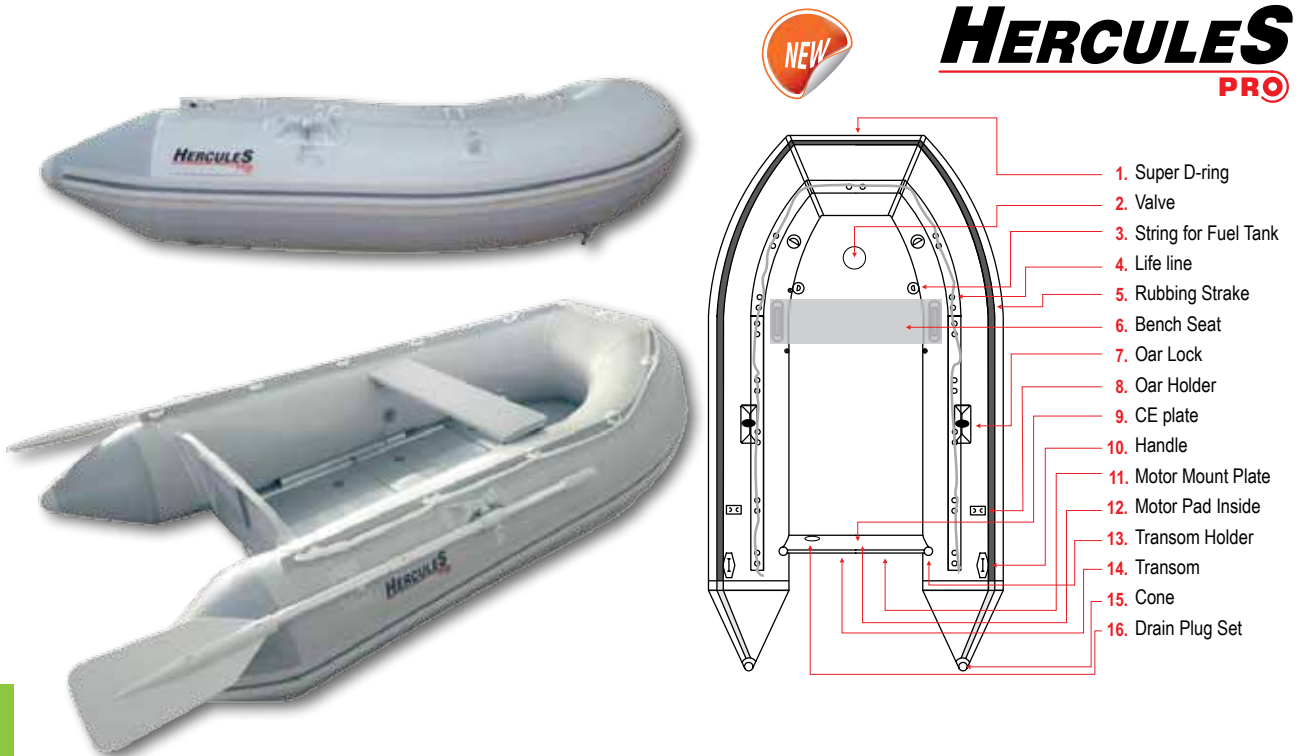
Remember to carry the necessary safety equipment at all times when using any inflatable boat.

Inflatable boat "HERCULES PRO"

The new Inflatable boat HERCULES PRO series guarantees construction of high quality and excellence in performance. They are available in 5 sizes: 185,230,270,310,320 and 3 floor types: Aluminum, Plywood and FRP(Fibre Reinforced Plastic).

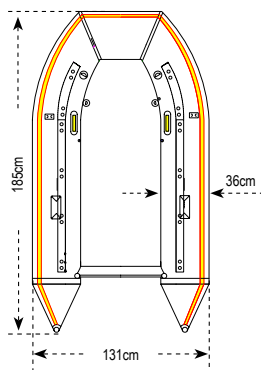
HERCULES PRO boats' standard equipment includes two-piece aluminum oars, marine grade plywood bench seat, foot pump, repairing kit, owner's manual and carrying bag.

HERCULES PRO are made of resisting and specially treated PVC that ensures the high quality of the boats. Lalizas offers a 3-year warranty for the hull seams and a 5-year warranty for the fabric hull. The new HERCULES PRO series comes in light grey color.

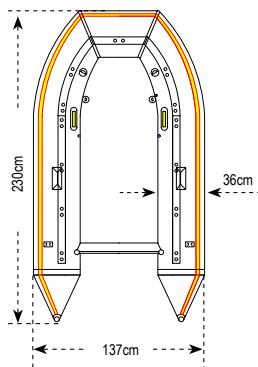


1. Super D-ring
2. Valve
3. String for Fuel Tank
4. Life line
5. Rubbing Strake
6. Bench Seat
7. Oar Lock
8. Oar Holder
9. CE plate
10. Handle
11. Motor Mount Plate
12. Motor Pad Inside
13. Transom Holder
14. Transom
15. Cone
16. Drain Plug Set

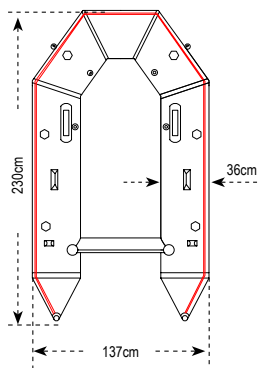
Inflatable Boats "HERCULES PRO"	Max. No. Persons	Max. Load (kg)	Max Power (HP/KW)	Dimensions			Floor			Air Chambers		Accessories							
				Overall Dimension	Internal Length x Width	Net Weight (kg)	Wooden slats	Wooden Continuous	Aluminum Continuous	Single FRP floor	Tube Dia. (cm)	No. of Chamber	Fabric	1 Wooden Bench Seat	Aluminum Oars	Foot Pump	Repair Kit	Storage Bag	
71782	"185"	1,5	200	2,5HP/1,9KW	185x131x38	105x60	22	•				36	2	0,7mm PVC	•	2	•	•	•
71783	"230PL/D"	2	350	4HP/3KW	230x137x38	151x60	38	•				36	3+1	0,9mm PVC	•	2	•	•	•
71784	"230AL/D"	2	350	4HP/3KW	230x137x38	151x60	38		•			36	3+1	0,9mm PVC	•	2	•	•	•
71785	"230PL"	2	350	4HP/3KW	230x137x38	148x60	36	•				36	3+1	0,9mm PVC	•	2	•	•	•
71786	"270AL/D"	3,5	484	10HP/7,5KW	270x153x38	174x68	48		•			42	3+1	0,9mm PVC	•	2	•	•	•
71787	"310FRP"	3,5	600	15HP/11,2KW	310x160	234x70	70			•		43	3	0,9mm PVC	•	2	•	•	•
71788	"320AL/D"	4,5	566	15HP/11,2KW	320x155x38	212x68	55		•			42	3+1	0,9mm PVC	•	2	•	•	•



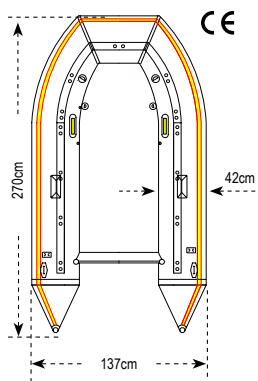
CODE	71782
"HERCULES PRO"	185
Maximum number of person	1,5
Maximum load	200
Maximum power	2,5HP/1,9KW
Overall dimension	185X131X38 cm
Internal length & width	105X60 cm
Net weight	22 kg
Floor	Wooden slats
Tube diameter	36 cm
No of chamber	2
Fabric	0,7 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



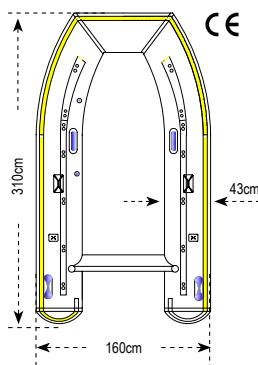
CODE	71783	71784
"HERCULES PRO"	230PL/D	230AL/D
Maximum number of person	2	2
Maximum load	350	350
Maximum power	4HP/3KW	4HP/3KW
Overall dimension	230X137X38 cm	230X137X38 cm
Internal length & width	151X60 cm	151X60 cm
Net weight	38 kg	38 kg
Floor	Wooden Continuous	Aluminum Continuous
Tube diameter	36	36
No of chamber	3+1	3+1
Fabric	0,9 mm PVC	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag	



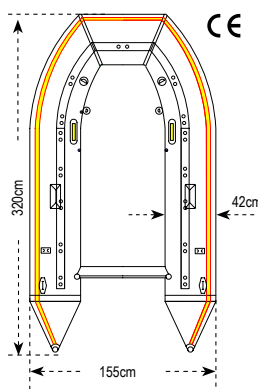
CODE	71785
"HERCULES PRO"	230PL
Maximum number of person	2
Maximum load	350
Maximum power	4HP/3KW
Overall dimension	230X137X38
Internal length & width	148X60 cm
Net weight	36 kg
Floor	Wooden Continuous
Tube diameter	36
No of chamber	3+1
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



CODE	71786
"HERCULES PRO"	270AL/D
Maximum number of person	3,5
Maximum load	484
Maximum power	10HP/7,5KW
Overall dimension	270X153X38
Internal length & width	174X68
Net weight	48 kg
Floor	Aluminum Continuous
Tube diameter	42 cm
No of chamber	3+1
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



CODE	71787
"HERCULES PRO"	310FRP
Maximum number of person	3,5
Maximum load	600
Maximum power	15HP/11,2KW
Overall dimension	310X160
Internal length & width	234X70
Net weight	70 kg
Floor	Single FRP floor
Tube diameter	43 cm
No of chamber	3
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag



CODE	71788
"HERCULES PRO"	320AL/D
Maximum number of person	4,5
Maximum load	566
Maximum power	15HP/11,2KW
Overall dimension	320X155X38
Internal length & width	212X68
Net weight	55 kg
Floor	Aluminum Continuous
Tube diameter	42 cm
No of chamber	3+1
Material	0,9 mm PVC
Standard equipment	1 Wooden Bench Seat, 2 Aluminum Oars, Foot Pump, Repair Kit, Storage Bag

“Hercules” Inflatable Boats

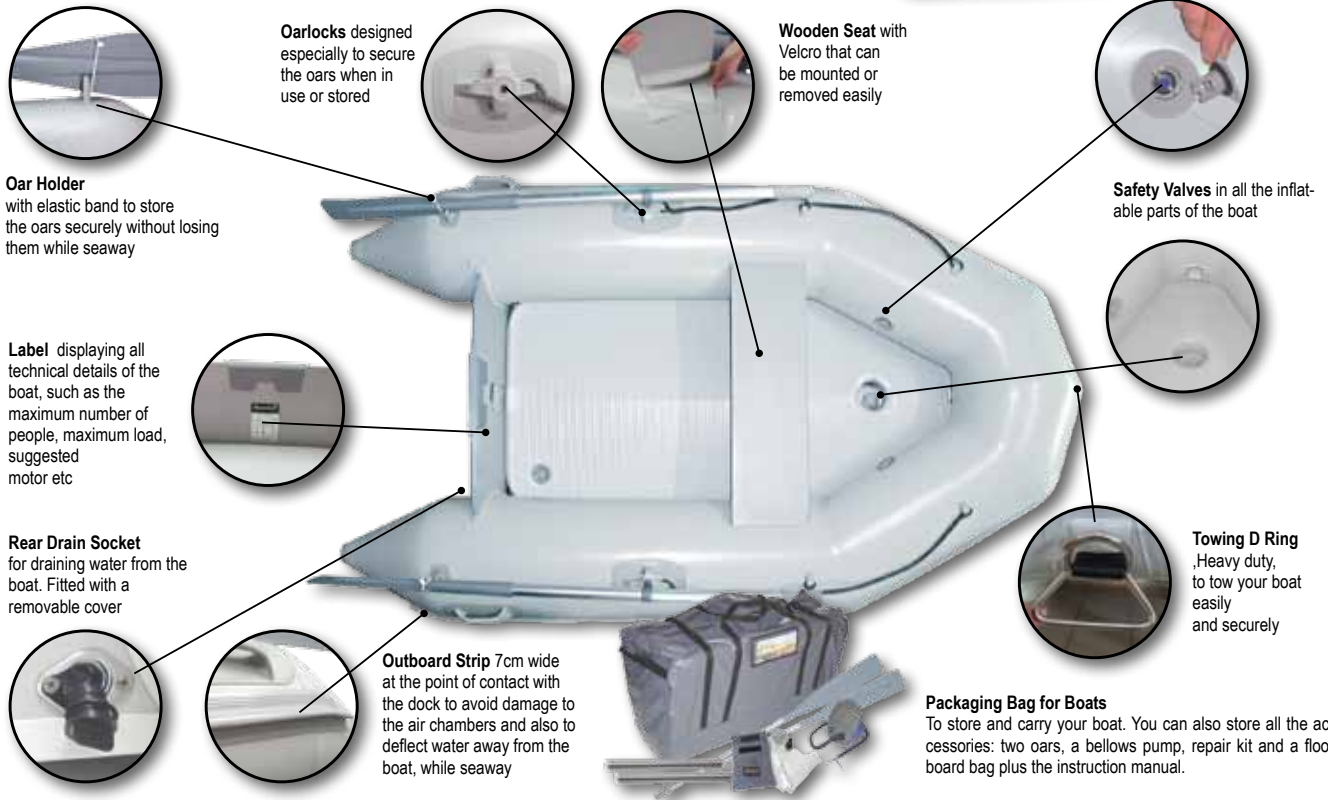
The inflatable boats are very useful as tenders to the main boat and can be valuable when approaching too shallow water. They are available in four sizes 185cm, 220cm, 240cm and 270cm. Additionally, they come in three floor variations, slatted, continuous foldable wooden or the latest technology, inflatable floor, so you can choose the one that suits you. Floors can also be purchased separately, giving you the choice to meet your needs. Depending on the model, “Hercules” boats come with inflatable keel, which is ideal for better lift and steering, when using the motor.

“Hercules” boats are manufactured with two large diameter air chambers and have a 7cm wide fender strip to protect the tubes, as well as, deflect water away from the boat when seaway. They have handles and safety ropes suitable to hold while seaway or just to lift and carry the boat.

“Hercules” boats are made of PVC 1100D 1050 g/m² with cold-welded seams for durability and longer life. Lalizas offers you a 2-year guarantee for the material, as well as, the welding, so you can be sure that your Hercules is made to last long time. All Lalizas inflatable boats are equipped with two paddles, a foot pump, repair kit with rope and glue and a carry/storage bag. They are available in light grey.



BEST VALUE

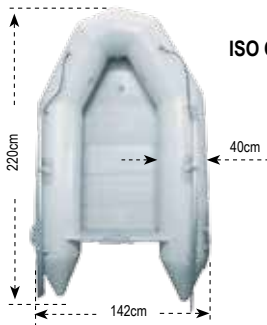


Inflatable Boats “Hercules”	Max Number of Persons	Max Load (Kg)	Max Power (HP/KW)	DIMENSIONS			FLOOR			AIR CHAMBERS		ACCESSORIES								
				Overall Dimensions (cm)	Stowed Dimensions (cm)	Weight (Kg)	Wooden Slats	Wooden Continuous	Inflatable	Inflatable Keel	Diameter (cm)	Number of Air-Chambers	Outboard Strip	Handles	Rope	Oars	Wooden Seat	Storage Bag	Repair Kit	Bellows Pump 5Lt
57348	“Hercules Shorty”	2	280	4,1/3	185x140	102x32x46	24	•			42	2	•	•	•	•	•	•	•	•
50910	“Hercules 220”	2	280	4,1/3	220x142	102x32x46	25,5	•			40	2	•	•	•	•	•	•	•	•
50911	“Hercules 220C”	2	280	4,1/3	220x142	102x30x56	32		•		40	2	•	•	•	•	•	•	•	•
50920	“Hercules 240”	3	310	4,9/3,6	240x142	102x32x48	26	•			40	2	•	•	•	•	•	•	•	•
50921	“Hercules 240CK”	3	310	4,9/3,6	240x142	102x30x60	34		•	•	40	2	•	•	•	•	•	•	•	•
50922	“Hercules 240KI”	3	310	4,9/3,6	240x142	102x32x48	27			•	40	2	•	•	•	•	•	•	•	•
50930	“Hercules 270CK”	3,5	360	5,4/4	270x142	102x30x66	37		•	•	40	2	•	•	•	•	•	•	•	•
50931	“Hercules 270KI”	3,5	360	5,4/4	270x142	102x30x66	29			•	40	2	•	•	•	•	•	•	•	•



BEST VALUE

CODE	57348
"Hercules"	185
Maximum Number of Persons	2
Maximum Load	280kg
Maximum Power	4,1 HP / 3KW
Overall Dimensions	185 x 140 cm
Stowed Dimensions	102x32x46 cm
Weight (Including floor)	24kg
Floor	4 Wooden Slats
Air Chambers Diameter	42cm
Number of Air Chambers	2
Seat	Wooden Seat (80x23x1,5cm)
Standard Equipment Included	Repair Kit, Foot Pump, 2 Paddles



ISO CD 6185

BEST VALUE

CODE	50910	50911
"Hercules"	220	220C
Maximum Number of Persons	2	
Maximum Load	280 kg	
Maximum Power	4,1 Hp / 3 KW	
Overall Dimensions	220 x 142 cm	
Stowed Dimensions	102x32x46 cm	102x30x56 cm
Weight (Including floor)	25,5 kg	32 kg
Floor	3 Wooden Slats (80x20x1,2cm)	Continuous Foldable Wooden
Air Chambers Diameter	40 cm	
Number of Air Chambers	2	
Seat	Wooden Seat (80x23x1,5cm)	
D-Rings	1	
Standard Equipment Included	Packaging Bag, Repair Kit, Foot Pump, 2 Paddles	



ISO CD 6185

BEST VALUE

CODE	50920	50921	50922
"Hercules"	240	240CK	240Ki
Maximum Number of Persons	3		
Maximum Load	310 kg		
Maximum Power	4,9 Hp / 3,6 KW		
Overall Dimensions	240 x 142 cm		
Stowed Dimensions	102x32x48 cm	102x30x60 cm	102x32x48 cm
Weight (Including floor)	26 kg	34 kg	27 kg
Floor	3 Wooden Slats (80x20x1,2cm)	Continuous Foldable Wooden	Inflatable
Keel	-	Inflatable	Inflatable
Air Chambers Diameter	40 cm		
Number of Air Chambers	2		
Seat	Wooden Seat (80x23x1,5cm)		
D-Rings	1		
Standard Equipment Included	Packaging Bag, Repair Kit, Foot Pump, 2 Paddles		

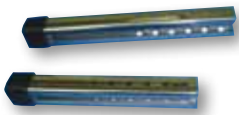


CE Category D

BEST VALUE

CODE	50930	50931
"Hercules"	270CK	270Ki
Maximum Number of Persons	3,5	
Maximum Load	360 kg	
Maximum Power	5,4 Hp / 4 KW	
Overall Dimensions	270 x 142 cm	
Stowed Dimensions	102x30x66 cm	102x30x66 cm
Weight (Including floor)	37 kg	29 kg
Floor	Continuous Foldable Wooden	Inflatable
Keel	Inflatable	Inflatable
Air Chambers Diameter	40 cm	
Number of Air Chambers	2	
Seat	Wooden Seat (80x23x1,5cm)	
D-Rings	1	
Standard Equipment Included	Packaging Bag, Repair Kit, Foot Pump, 2 Paddles	

Outboard Engines Accessories

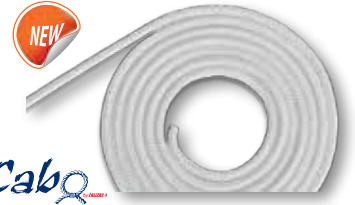


Safety lock for outboard engines, Inox 316

Code	99525	99526
Length (mm)	235	280

Engine Starter Rope, polyester

Code	90252	90253	98069
Diameter (mm)	3,5	4,5	5



Inflatable Boat Accessories



Handle for Inflatable Boat 24x9,5cm - Grey

Code....57332



Rowlock Socket for Inflatable Boat - Grey

Code....57333



Repair Kit

Contents:
 · Glue for PVC Inflatable Boats
 · Inflating Valve Standard
 · Inflating Adaptor for valve
 · PVC Material - 3 pieces

Code....50953



Footpump 5 Lt, SeaPump

Code....50952



Oval Drain Socket w/ O-ring Ø 26.3mm

Code	95781	95782
Colour	White	Black



Key for Valves

Code....98789



Inflating Adaptor for Valve

Code....98970



Inflating Valve Standard

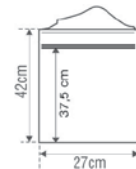
Code	98788	98966
Colour	Black	Grey



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.

Code....10450



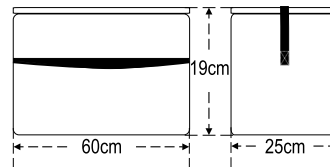
The dimensions shown are when the bag is empty

Under Seat Storage Bag, Ténére 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.



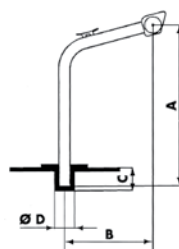
Code....70895



Davits



Davits Inox 316



Code	A (mm)	B (mm)	C (mm)	D (mm)	Tube Diameter (mm)	Max. Lift Weight (kg)
70141	1200	650	120	45	40	60
70142	1200	750	160	64	60	85

Roll Bars

The Lalizas roll bars are made of very strong 38mm polished stainless steel 316 tubes. They feature a telescopic adjustment in width. The 70635 has welded stainless steel pads on the sights to mount navigation lights or antennas.



Roll bar for inflatable boats, Inox 316
 Height: 1120mm,
 Diameter: 40mm
 Width: 1560-2060mm
 Code....70635



Roll bar for fibreglass boats, Inox 316
 Height: 1160mm,
 Diameter: 40mm
 Width: 1650-2150mm
 Code....70636

Inflation Pumps & Accessories

Double Action Hand/Floor Pump

Lalizas have designed the practical and highly effective Double Action Hand/Floor Pump - ideal for inflating or deflating 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 which 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). The Lalizas Double Action Pump is supplied with a flexible air tube, 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. The easy to maintain Lalizas Double Action Hand/Floor Pump is made of strong, non-corrosive, lightweight, grey plastic.

Comes apart easily for inspection or maintenance



- Ideal for use on large inflatables
- Continuous stream - pumps air on both the up and down stroke
- Simple push-in hose-to-pump connection to inflates or deflates
- Comes apart easily for inspection or maintenance



Large handle

Made of lightweight, non-corrosive plastic

Large foot base



Adjustable pressure release valve



Multi-Valve Adaptor

Code....10231

Comes with large, non-Link hose and 4 sizes of interchangeable connecting nozzles and a multi-valve adaptor

Code....10230



Code...71816

Quick Pump Sea Power, 12V, 60W

This high volume 12V Quick Pump "Sea Power" is suitable for inflating/deflating items, such as inflatable boats, towable tubes, beach ball, large water toys, etc. It inflates/deflates in 0.3 CBM/minute. It is easy to use by simply plugging it into a cigarette lighter socket. Includes 3 nozzle adaptors.

Features: 12V DC, 60W, **Inflation rate:** 0.3CBM/ Min, **Deflation rate:** 0.3CBM/ Min, **Suction Power:** 1450 Pa



Code....11501

Electric Boat Inflator SeaPump 12V, 40mbar, 400lt/min

- Inflates or Deflates
- Self-adjusting pressure at 40 mbar (0,55psi) so as to avoid over-inflation
- Fast and durable motor
- Low current consumption
- Supplied with an adaptor suitable for the most common type of valves
- Can be connected to the car lighter (3m cable)



Footpump, type SeaPump

Code	11498	50952
Liter(lt)	3	5



Manometer with pump adaptor
 Code.....90090



Key for valves
 Code....98789



Inflating adaptor for valve
 Code....98970



BEST VALUE

Optimist Boat Cover

Protects your Optimist from heavy wear and prolongs its life. The Optimist boat cover covers 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

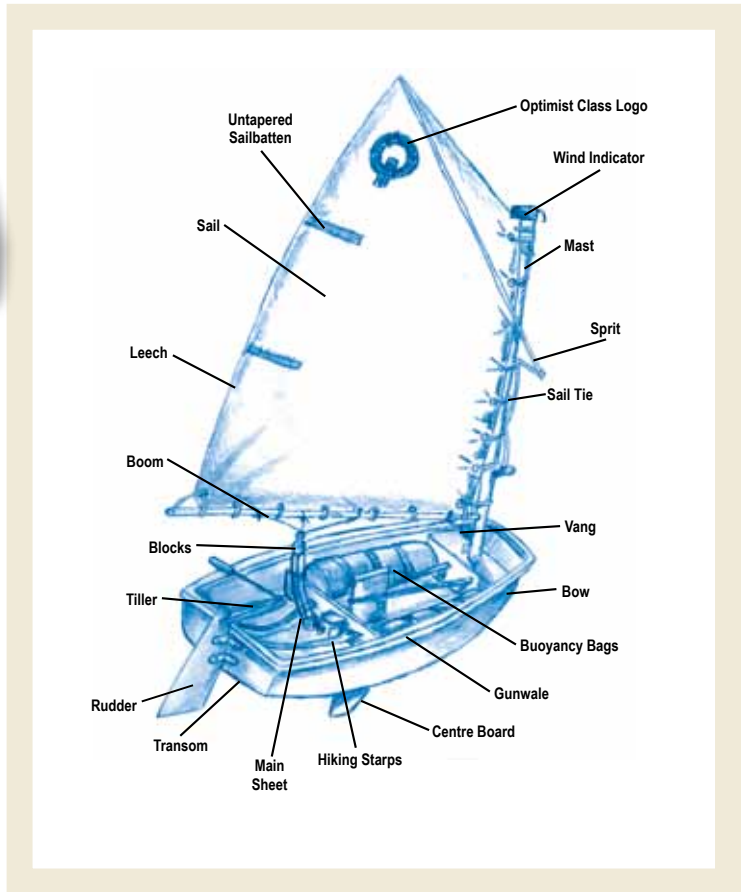


BEST VALUE

Optimist Hiking Straps, L 1,5m W 5cm

Optimist hiking straps hold sailor's feet when hiking and absorb individuals' shocks during rough sailing. Our straps are made of 600D Polyester with PVC backing. They are filled with NBR foam in the middle, for both water resistance and a pleasant feel. The straps are put together on one edge, so as to be adjustable to the length of your feet. The straps are open on one edge to tie them on your Optimist, using a plate or buckle.

Code.....70175



NEW

Lalzas Laser Boat Cover

Code....71296



BEST VALUE

Deck Collar for Optimist, Diam. 57mm

Code.....70139



57353

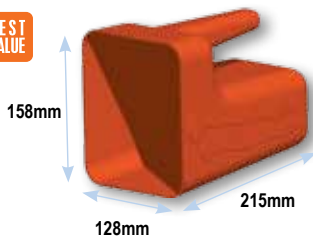
Buoyancy Bag with valve for Optimist, grey



57354

BEST VALUE

BEST VALUE



Scoop Bailer, 2,5lt, orange

Code.....11919

158mm

128mm

215mm

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

Oars & Oarlocks

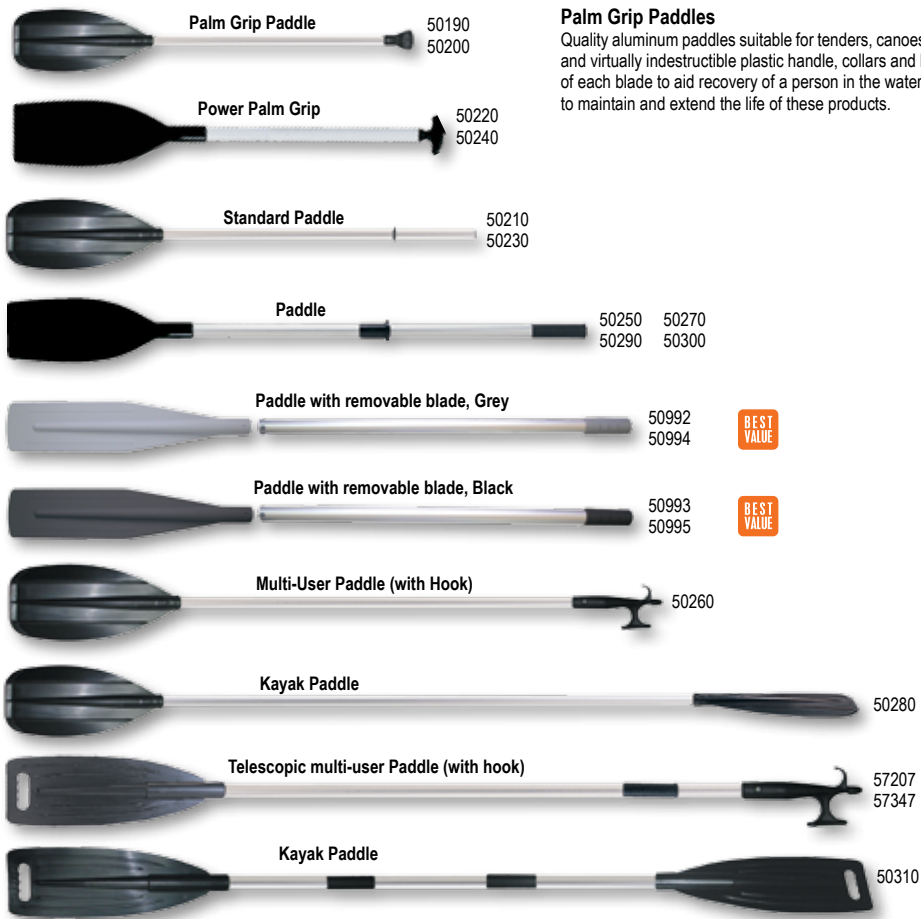
ADVISOR

Paddles

Paddles and Oars are an alternative for propelling your boat instead of using an engine. It is essential to choose the right type and size in order to achieve the best results. Firstly, paddles should not be too long, as they will be difficult to pull, cause fatigue and will not clear the water on the backstroke. If paddles are too long the hand grips can clash, while if they are too short, the blades will not dig deep enough into the water. Both situations can cause premature tiredness and even injury.

When sizing paddles, you should follow this basic rule: $(\frac{1}{2} \text{ beam (distance between oarlocks) } \times 3) + 15\text{cm} = \text{preferred paddle length}$

Boats that are narrow-beamed and/or have low-freeboard are more suited to shorter oars and paddles. The sizing and choice of a canoe paddle is based on the length of the paddler's torso and the paddler's position in the canoe. Lalzas suggests bow paddlers use shorter paddles since they are easier to use. The paddle length should correspond to the measurement from the canoe floor to the middle of the paddler's chest. For stern paddlers and solo canoeists, longer paddles are ideal for controlling the direction of the canoe. It is suggested they use paddles that reach from the canoe floor up to the collarbone. T-handle grips are very comfortable if you are paddling for long periods, while for an emergency paddle, one that fits in the available space of your boat is the best choice.



Palm Grip Paddles

Quality aluminum paddles suitable for tenders, canoes and rowing boats. Made of a marine grade aluminum shaft and virtually indestructible plastic handle, collars and blades. The special design featuring 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.

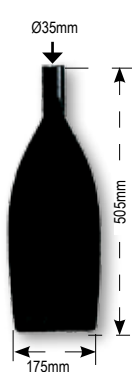
Code	Length (cm)	Diameter (mm)
50190	105	25
50200	120	
50220	135	35
50240	155	
50210	130	25
50230	150	
50250	160	35
50290	205	
50270	185	
50300	220	35
50992	140	
50994	150	
50993	140	
50995	150	25
50260	165	
50280	200	25
57207	156-242	
57347	122-169	30
50310	230	

Blade for Paddles (50992-50995)



Code	51000	51001
Colour	Grey	Black

Spare Large Paddle Blade Ø 35mm



Code...00842

Spare Paddle Blade Ø 30mm



Code...50000

Spare Paddle Blade Ø 25mm



Code...00632

BEST VALUE



Rowlock Socket for Inflatable Boat - Grey

Code...57333

Palm Grip, Ø 25mm



Code...00633

Handle for Large Paddle Ø 35mm



Code...00843

Spring Clip Ø35mm



Code...50530

Paddle Collar Ø 35mm



Code...50130



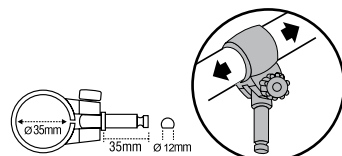
Rowlock with holder, inox, Ø 16mm, Length: 180mm

Code...70632

Oars Lock with metal pin Ø 35mm

Code	50996	50997
Colour	Grey	Black

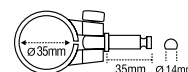
BEST VALUE



Oars Lock with plastic pin Ø 35mm

Code	50999
Colour	Black

BEST VALUE



Watersports & Diving

Tow & Ski Ropes	45
Neoprene wetsuits & Rash Guards	45-48
Diving Buoys	48
Diving Knives	48



Page 48

Torpedo diving marker buoy, reinforced, "SAFE DIVE" with 20m rope

BEST VALUE



Diving knife "Security", Stainless Steel, blade: 11,5cm (4,5")





Ski rope "Water Action"

Code	92889
Length	23m
Diameter	8mm (5/16")
Strength	454kg
Strands	16
Handle's Length	28cm (11")
Handle's Material	Aluminium with rubber
Handle's Colour	Black

*Handle is not detachable



Tow Rope

Code	92893
Length	18,3m
Diameter	13mm (1/2")
Strength	1100kg
Strands	16



Ski rope "Professional"

Code	92888
Length	23m
Diameter	10mm (3/8")
Strength	726kg
Strands	16
Handle's Length	30cm (12")
Handle's Material	Aluminium with rubber
Handle's Colour	Black

*Handle is not detachable



Tow Harness w/ float & pulley

Code	98745
Length	2,5m
Diameter	8mm (5/16")
Rope Strength	454kg
Strands	8



Combine our water sports accessories Sea Sports with the neoprene wetsuits Pro Race (pg. 13), the gloves (pg. 17), the boots (pg. 18) for maximum comfort and safety.



Tow Harness w/ float

Code	98744
Length	2,5m
Diameter	8mm (5/16")
Strength	454kg
Strands	8

Neoprene Wetsuits & Rash Guards

Wetsuit Sizing Measurements

MEN

Size	S	M	L	XL	XXL
Height	168-172	170-176	174-180	178-186	184-192
Waist	69	74	79	84	89
Chest	80	85	90	95	100
Neck	34	35	36	37	38
Neck to crotch	66,5	68,5	70,5	73	76

WOMEN

Size	S	M	L	XL	XXL
Height	166-172	168-174	172-178	176-182	180-188
Waist	61	66	71	76	81
Chest	75	80	85	90	95
Neck	28	29	31	32	33
Neck to crotch	65	67	69	71	73

CHILDREN

Size	JS	JM	JL	JXL	JXXL
Height	120-128	128-136	136-144	144-152	152-160
Waist	58,5	61	63,5	66	68,5
Chest	63,5	67,5	71	75	79
Neck	26,5	28	30,5	32	33
Neck to crotch	48	52	56	58	61

Dimensions are in cm

"Pro Race" series

The "Pro Race" series will greatly improve your sporting experience. Sailors, water-skiers, surfers, windsurfers, wakeboarders, snorkeling and kayak devotees select Pro Race quality for all waters. Increase your adrenalin rush by wearing your Pro Race shield.



Neoprene Wetsuit "Pro Race" Thermal Shorty 1mm

The Shorty Wetsuit for children uses thermal technology, which makes it breathable, while it protects your child from water irritations and UV radiation. It has 1mm neoprene thickness to keep your child warm and flatlocked seams to prevent water leaks. The adjustable neck shut offers absolute hang of the wetsuit on your child's body. In addition, the thermal backing of "Shorty" wetsuit allows your child to make abrupt movements and stay cosy, as thermal overlay is light and smooth. Thermal wetsuit closes easily with a mackintosh back zipper.



For Children

Code	70516	70517	70518	70519	70520
Size	JS	JM	JL	JXL	JXXL

Neoprene Wetsuits & Rash Guards

Neoprene Full Wetsuit "Pro Race" 3:2mm

Full wetsuits are your sport garments for the sea. They offer you up to 1-hour protection from 8°C cold waters with 3:2mm neoprene thickness. 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 limb-ends 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.



For Men

For Ladies

For Children



For Men

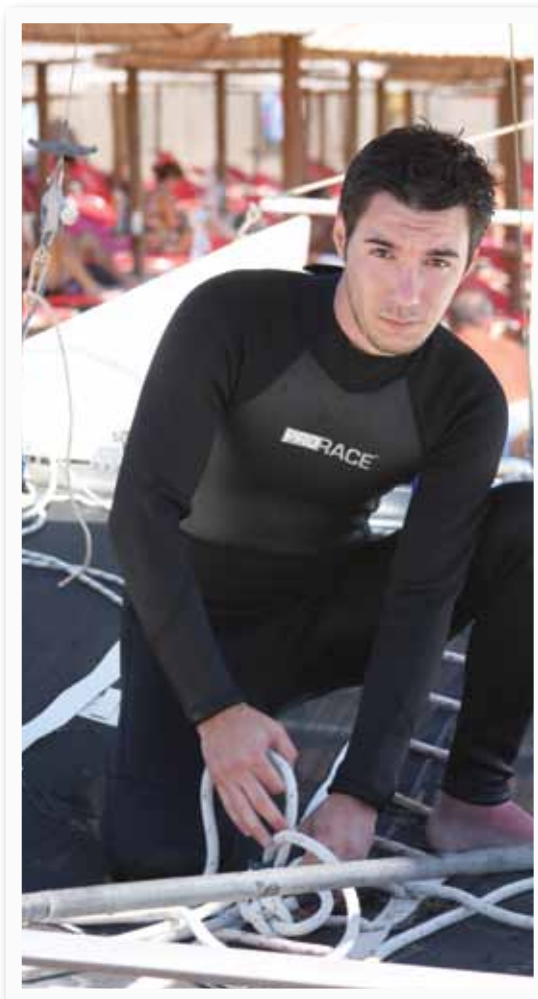
Code	70526	70527	70528	70529	70530
Size	S	M	L	XL	XXL

For Ladies

Code	70521	70522	70523	70524	70525
Size	S	M	L	XL	XXL

For Children

Code	70531	70532	70533	70534	70535
Size	JS	JM	JL	JXL	JXXL



Neoprene Wetsuit "Pro Race" Shorty 2,5mm

In warm weather conditions, Shorty wetsuits with 2.5mm neoprene thickness will give you flexibility, impermeability and UV protection. This wetsuit is entirely sealed with flatlocked seams and aqua stops at sleeves edges and trouser-ends to prevent water flows. Two smooth overlays at the front and back of the wetsuits offer you wind resistance, in chilly days. All Pro Race wetsuits include waterproof back zipper and adjustable neck to embrace your body. There is a special pocket for the keys inside the wetsuit next to the zipper.



For Men

For Ladies

For Men

Code	70511	70512	70513	70514	70515
Size	S	M	L	XL	XXL

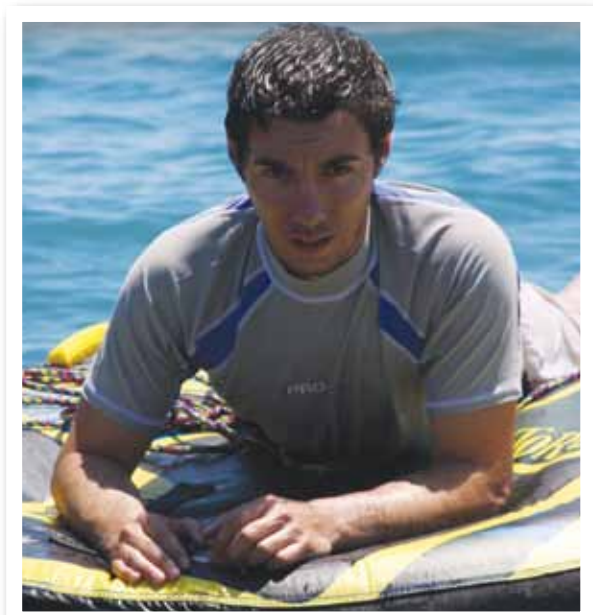
For Ladies

Code	70506	70507	70508	70509	70510
Size	S	M	L	XL	XXL



Rash Guards SPF 50+

Rash Guards are shirts made of spandex and nylon to protect the skin from sunburns and water irritations. They offer over 50°C UV protection and are a light top for water sports. When the weather is too warm for a wetsuit, rash guards safeguard your body from water and wave irritations or chafes on rough surfaces. In addition, their special elastic fabric makes sweat evaporate faster than regular fabrics, keeping you warm and comfortable. Pro Race Rash Guards come in short and long sleeves version for your annual protection.



Long sleeves

For Adults

Code	70536	70537	70538
Size	S	M	L



For Children

Code	70539	70540	70541	70542
Size	JS	JM	JL	JXL



Short sleeves

For Adults

Code	70543	70544	70545
Size	S	M	L



For Children

Code	70546	70547	70548	70549
Size	JS	JM	JL	JXL

Neoprene Wetsuits & Rash Guards

Sailing Shoes, 2mm

"Pro Race" shoes are stylish and comfortable footwear for the beach and all water-sport activities. They have 2mm neoprene thickness and rubber soles to keep you warm and stable on rough surfaces. "Pro Race" shoes are flexible as they protect your feet from sand and water irritations. They are easily packed for beach walks and you will find them useful during boating, surfing or snorkeling, because they insulate your feet from friction on rough surfaces, rocks and coral reefs.



For Children

Code	70558	70559	70560
No	31/32	33	34/35

For Adults

Code	70550	70551	70552	70553	70554	70555	70556	70557
No	36	37/38	39	40/41	42	43/44	45	46/47

Diving Buoys



Diver Buoy

It is ideal for divers wearing air cylinders. It is easy for the diver to use, since it is especially designed so as to allow diver freedom of movement 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 allows the diver to fasten the buoy onto his suit for easy carrying. Additionally, the case features a whistle for 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 allow the buoy to inflate and pop up onto the water surface, warning other boats that a diver will soon be afloat at this specific point.

Code...70017



BEST VALUE

BEST VALUE



Round marker buoy small, "SAFE DIVE" diam. 30cm, height 50cm

Code..... 97814

BEST VALUE



Torpedo diving marker buoy, "SAFE DIVE" diam. 28cm, length 88cm

Code..... 97816

BEST VALUE



Torpedo diving marker buoy, reinforced, "SAFE DIVE" with 20m rope

Code..... 97813

Diving Knives



Diving knife "Security",
Stainless Steel,
blade: 11,5cm (4,5")

Code....61844



Diving knife "Discovery",
Stainless Steel,
blade: 14,3cm (6")

Code....70198



Diving knife "Freedom",
Stainless Steel,
blade: 13,5cm, (5,5")

Code....70197

Engine

Fuel Tanks	50
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Electric air horn, MARCO

Fuel Tanks

Fuel Tank

Made of extremely tough plastic, moulded in one piece, this fuel tank will not rust or corrode. It is ideal for use with outboard motors.
Capacity: 25 Lt (6 Gallons)
Dimensions: 46x28x28cm



Code..... 10020

Outboard Engine Flushers



BEST VALUE

Motor flusher rectangular

Code....98748



BEST VALUE

Motor flusher oval

Code...98749

Drain Plugs

Oval Drain Socket w/
O-ring Ø 26.3mm



BEST VALUE

Code	95781	95782
Colour	White	Black

Hydrofoils

ADVISOR

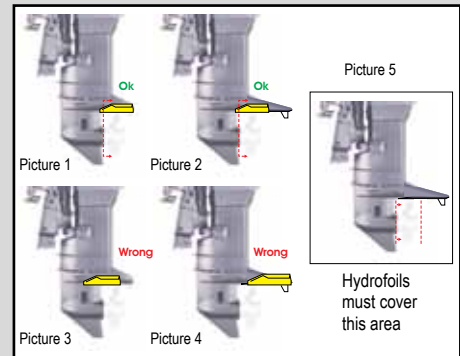
Use: Hydrofoils are specially designed wings which increase a motor's performance. They are available in two sizes, for 4HP to 50HP motors and for over 50HP. They are placed just above the propeller. By using the hydrofoils, fuel consumption is decreased, navigation is much smoother, stability is increased and at the same time offer a maximum lift, reducing cavitation. Hydrofoils also help the boat to easily trim.

Instructions of Use: Hydrofoils are fixed above the propeller on the cavitation plate and they are attached with stainless steel screws. The hydrofoils are fully adjustable for a smoother ride.

Mounting the hydrofoils on the outboard

The basic rule regarding the position of the hydrofoil is right above the propeller on the cavitation plate. The ideal position is for the hydrofoils to be mounted two centimetres before the propeller (see picture 1 and 2) and thus covering it completely (see picture 5). In this way, when the propeller starts to spin, most of the water will be pushed against the hydrofoil, thus maximising the steering and planning capabilities. If the hydrofoil is mounted too far ahead (see picture 3), then only a small amount of water will be pushed against it or if it is mounted too far at the back (see picture 4), then the maximum power of the water will be lost before the hydrofoil.

Replacement: These products do not need any maintenance. However, if you notice any cracks in one or both hydrofoils you should replace them. Also, if at any point you notice excess vibrations on the steering wheel or outboard motor, you should replace the hydrofoils immediately.



LZ-Hydrofoils

The LZ torque control system ensures the ultimate in precise and effortless steering.

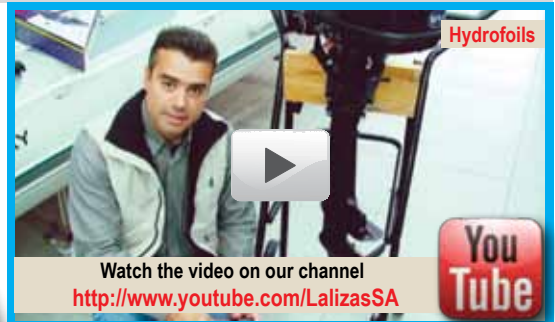
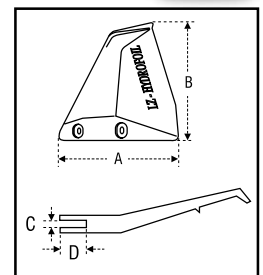
The features that count:

- Lower fuel consumption
- Straight tracking
- Excellent steering at low speeds
- Smoother ride
- Maximum lift
- Reduced planing time
- Increased stability
- Reduced cavitation
- Effortless installation
- Stainless mounting hardware included



- Secure mounting with bolts
- For use on outboard motors

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





Plastic outboard bracket for engines up to 50Kg, Inox 316

5 adjustment control
Code....90726



Plastic outboard bracket for engines up to 35Kg, Inox 316

5 adjustment control
Code....90725



Outboard stainless steel 316, adjustable bracket with plastic pad for engines up to 7 HP.

Code....99493



Outboard stainless steel 316, adjustable bracket with wooden pad for engines up to 7 HP.

Code....99492



Outboard bracket with plywood pad for engines up to 60Kg, Inox 316

5 adjustment control
Code....95890



Outboard bracket with plywood pad for engines up to 40Kg, Inox 316

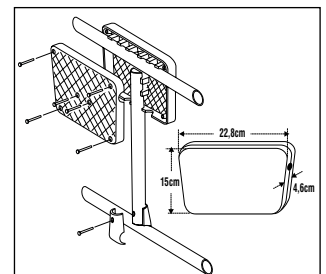
5 adjustment control
Code....95889



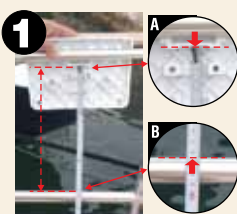
Rail Mount Motor Bracket White

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.

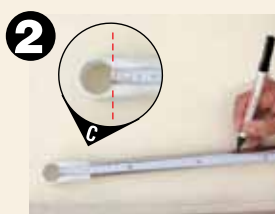
Code....10319



Mounting the Rail Mount Motor Bracket



1. Place one part of the bracket on the upper rail and measure the distance between the points shown at pictures A & B



2. Starting from the point shown on picture C, mark the measurement taken at the previous step and cut the remaining piece (use a cloth, so as not to damage the tube)



3. Screw the tube to the lower rail



4. Mount one part of the bracket on the upper rail and the tube. Fit the other part and secure with the screws supplied





Engine Covers

The SeaCover for engines are ideal for 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 available are covers which are 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. There are also full body covers, which feature an elastic cord and a zipper, so as to ensure the best possible engine protection, including the shaft. There are 7 different sizes of the covers for the top part of the engine and 3 different sizes for the full body covers. All SeaCover covers are supplied in silver colour.

The tables below show the different sizes of SeaCover. The dimensions refer to the length, width and 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 will differ according to the size of the engine.



BEST VALUE

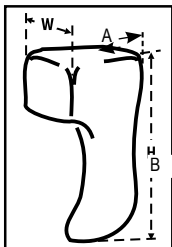


Full Body Covers

Code	57329	57330	57331
H.P (Approximate)	2,5-10	8-70	70-150
A(cm)	75	87	125
B(cm)	25	157	210

Covers 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	48	55	63	73	75	90
B(cm)	25	27	33	35	40	45	60
C(cm)	32	35	45	50	65	75	80

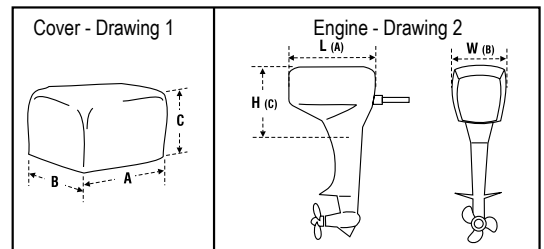


To choose the most suitable full-body cover for your engine, you should measure the engine's height (B) as well as its width (W). In order to calculate correctly the maximum height that the appropriate cover should have, you should deduct from the engine's height (B) half of its width (W).

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.

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).



Safety lock for outboard engines, Inox 316

Code	99525	99526
Length (mm)	235	280

Marine Horns



Electric air horn, MARCO

Code	Volt	Amp.	DB	Hz	Length	Diameter
71734	12	20	123	315	460mm	200mm
71735	24	10				

BEST VALUE



Signal Horn Set 'Echo-200' - 200ml
Code.....11506

BEST VALUE



Refill Canister 200ml for Signal Horn 'Echo-200'
Code.....11505

BEST VALUE



Fog Horn Head Only for 'Echo-200' & 'Echo-380'
Code.....11509



Install trumpet by clipping it to the top of the canister



To operate push down the button on the top of the horn



Signal horn must always be used in upright position



Do not expose the pressurised container in direct sunlight. Do not expose to temperatures exceeding 40°C. Do not pierce or burn, even after use



Complete Units in Blister Packing
Signal Horn 380ml Acoustic range approximately 1500 m.



Fog Horn Head Only
Code.....10031



Refill Horn Canister
Code.....10032



Signal Horn & Refilling Canister in Blister Pack
Code.....10033



1. Install horn by screwing it on the pressurised container



2. To operate press down the horn



3. Signal horn must always be used in upright position



4. Do not store the pressurised container in direct sunlight. Do not expose to temperatures exceeding 40°C. Do not pierce or burn, even after use.

Steering Wheels

Steering Wheel "Classic", Diam. 350mm

Steering wheel "Classic" is made of polypropylene with 350mm in diameter, while the diameter of the wheel's hole is 37mm. It has an ergonomic design and will very simply fit into most boats. You have the choice to customize the logo label on the centre of the steering wheel, by adding the 70129 customized PVC sticker. The "Classic" steering wheel is available in white and black colour.

Code	70001	70132
Colour	Black	White

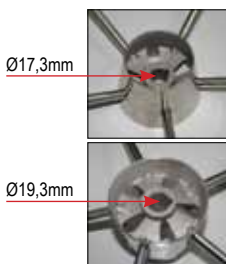


BEST VALUE



Steering wheel, stainless steel with black foam

Code	99701	99702
Diameter (mm)	390	343



Ø17,3mm

Ø19,3mm



Steering wheel, stainless steel with cap

Code	90072	90087	90071
Diameter (mm)	343	390	457

Maintenance

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BOATCARE



Antifouling
Paints

BOATCARE

by **LALIZAS** 

- Award Winning Formula
- Recommended by the World's Yachting Press
- Environmental Friendly
- Innovative Technology



Proven Test Winning Heritage



BoatCare Advance Premium Self Polishing Antifouling

Boat Care Advanced is a Self Polishing Antifouling that offers maximum protection at high level fouling areas. Because of its capability of self-renew the paint layers it preserves an effective biocide surface.

Temperature	Dry on touch	Recoating Interval (min - max)	Thinner	Theoretical Spreading Rate (m ² /L)
10°C	8 hours	12 hours - None	BoatCare Antifouling Thinner - 71810	11.2
20°C	5 hours	6 hours - None		

Code	Package	Colour
71790	0,75 lt	Black
71791	2,5 lt	
71792	0,75 lt	Navy Blue
71793	2,5 lt	
71794	0,75 lt	Bright Red
71795	2,5 lt	
71796	0,75 lt	White
71797	2,5 lt	

- Suitable for all boat surfaces.
- Min. temperature of application 0°C.

BoatCare Endurance Antifouling for Powercruising

Boat Care Endurance is a hard Antifouling. It provides a perfect finishing and gives an advantage where speed is needed. Specially designed for power cruisers and provides durability for speed up to 70.

Temperature	Dry on touch	Recoating Interval (min - max)	Thinner	Theoretical Spreading Rate (m ² /L)
10°C	5 hours	9 hours - None	BoatCare Antifouling Thinner - 71810	10,8
20°C	3 hours	5 hours - None		

- Suitable for all surfaces except aluminium.
- Min temperature of application 0°C

Code	Package	Colour
71798	0,75 lt	Black
71799	2,5 lt	
71800	0,75 lt	Navy Blue
71801	2,5 lt	
71802	0,75 lt	Red Oxide
71803	2,5 lt	



Primers



BoatCare Underwater Primer

One component Quick Drying Primer, suitable for all surfaces with excellent water resistance. Provides the best adhesion to existing paint and operates as a sealer between old and new Antifoulings.

Temperature	Dry on Touch	Recoating Interval (min - max)	Thinner	Theoretical Spreading Rate (m ² /L)
10°C	50min	10 hours - None	BoatCare Antifouling Thinner - 71810	10
20°C	30min	6 hours - None		

Code	Package
71806	0,75 lt
71807	2,5 lt

- For underwater use only
- Min temperature of application 0°C



BoatCare Multipurpose Epoxy Primer

Two component epoxy Primer suitable for all surfaces, . This is a high performance anti-corrosive, operating even as an osmosis preventive for below and above the waterline.

Temperature	Dry on touch	Recoating Interval (min - max)	Thinner	Theoretical Spreading Rate (m2/L)
10°C	2-3 hours	18 hours - None	BoatCare Epoxy Thinner 71811	5,7
20°C	1-2 hours	10 hours - None		

Code	Package
71808	0,70 lt + 0,30 lt
71809	1,75 lt + 0,75 lt

Thinners

BoatCare Thinner

All thinners should be used as specified for each application. If this instruction is not followed then results might not be as expected. Paints are diluted to improve their "working flow" and improve their absorption abilities making them more easy to use. Make sure that the thinner does not exceed the required quantity, so as to avoid the evaporation of more, which reduce paint effectiveness.

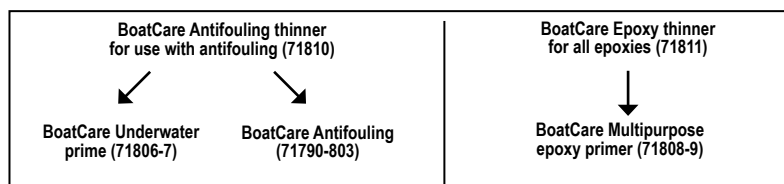
BoatCare Antifouling thinner for use with antifouling

Code	Package
71810	1 lt



BoatCare Epoxy thinner for all epoxies

Code	Package
71811	1 lt



Notes:

- Two component products are mixed only with their base and hardener.
- Make sure that all tools/ storage or disposal spaces are suitable and resistant to thinner.

Paint Brushes

Paint Brush SeaWare, white



Code	Width
70243	1"
70244	1 1/2"
70245	2"
70246	2 1/2"
70247	3"



Paint Brush SeaWare, black



Code	Width
70248	1"
70249	1 1/2"
70250	2"
70251	2 1/2"
70252	3"

Masking Tapes

Marine Duct Tape

Marine 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

Masking Tape, cream

Masking Tape is a general-purpose tape and is suitable for holding, sealing and surface protecting. It has been designed for indoor use but also for extended outdoor use. It is supplied in cream colour and 3 different sizes.



Code	Dimensions
11851	20mm x 50m
11852	25mm x 20m
11853	50mm x 50m

Double Sided Tapes



Code	Dimensions
11850	2mm x 18mm x 1.6m



Mounting Tape, white

General fixing is now easy with this double-sided adhesive tape. It is suitable for mounting pictures or any other decoration on most types of dry and smooth surfaces.

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 bulkhead

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.

Sealing Tapes & Sealants

Vinyl Foam Thermal & Sound Insulating Tape, black

Thermal & sound insulating tape is suitable for all pipelines, temperature and sound insulation and decoration. Generally, it can be 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 from undesirable sounds. It can also be used between the hull and the sole boards, so as to minimise the squeaking noises. The tape is available in 2 different sizes.



Code	Dimensions
11854	50mm x 5m
11855	25mm x 5m



Marine Neoprene Tape "Hatchseal"

Code	Dimensions	Colour
11551	3m x 19mm x 3mm	Black
11552	3m x 19mm x 6mm	Black

Nonslip Tapes



Nonslip Tape, General Purpose

Code	Dimensions	Colour
11846	25mm x 5m	Black
11847	25mm x 5m	White



Nonslip Tape, with elasticity

Code	Dimensions	Colour
11848	25mm x 5m	Black
11849	25mm x 5m	Grey

Repair Kits

Repair Kit

Code...50953



Contents:

- Glue for PVC Inflatable Boats
- Inflating Valve Standard
- Inflating Adaptor for valve
- PVC Material - 3 pieces

Marine Tool Kits Basic and Professional

Lalizas Marine Tool Kits are suitable for dealing with many common repairs on a boat. Depending on the model, they are equipped with almost all necessary tools, such as wrenches, screwdrivers, pliers, spanners, electrical multi-meter and many others. 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. For their easy carriage and storage, Lalizas provides you with a durable plastic case, available in two sizes, depending on the model and the tools included.



11474

11475

Code	11474	11475
Description	Basic	Professional
Tools	28pcs.	79pcs

**The tools included in the Basic Kit version are suitable for small boats, while the Professional will give far more versatility.*



Tools		Quantity	Tool Kit Basic 11474	Tool Kit Professional 11475
Set of metric Hex (Allen) keys: 2,5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm		7	●	●
Flat head screw drivers: 6mm, 10mm, 15mm		3	●	●
Phillips screw drivers: PH1, PH2 and PH3		3	●	●
Open end spanner set: 6-7, 8-9, 10-11, 12-13, 14-15, 16-17, 18-19, and 22-24		8	●	●
Hammer 250 gr		1	●	●
200mm linesman pliers		1	●	●
150mm Long nose pliers		1	●	●
250 mm Adjustable Spanner		1	●	●
Hacksaw		1	●	●
HSS blades		2	●	●
250mm Adjustable pliers		1	●	●
200mm Mold Grip (locking) pliers		1	●	●
Set of ring- open end spanners:6mm, 7mm, 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm, 24mm, 27mm, 30mm.		13	●	●
Short neck screw drivers: flat head and ph2		2	●	●
3/8 Socket set with	3/8 DR. Ratchet Handle	1	●	●
	Long extension bar 3/8" Dr. X 6"	1	●	●
	Short extension bar 3/8" Dr. x 3"	1	●	●
	21mm spark plug socket	1	●	●
	3/8" Dr. sockets: 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm	10	●	●
	1/2" Dr. Socket: 24mm, 27mm, 30mm	3	●	●
	Adaptor 3/8" Dr.to 1/2" Dr.	1	●	●
Knife with 5pcs changeable blades		1	●	●
Metric filler gauge		9	●	●
Crimping tool / wire stripper		1	●	●
Rivet gun Up to 5mm alloy rivets		1	●	●
12 volt soldering iron		1	●	●
1mm solder		1	●	●
Mini table vice		1	●	●
Electrical multi meter		1	●	●
Total number of tools included			28 pcs.	79 pcs.

Teak Plugs

Teak Plugs Set of 20pcs



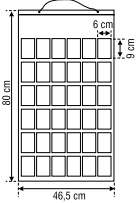
Code	93248	93250	93244	93246	93247
Diameter(mm)	6	8	10	12	15

Boat Lettering & Graphics

Letter Case

The Lalizas Letter Case has been designed for the convenient and effective display of vinyl letters. It is made of durable vinyl. It is available in grey colour with 36 clear front panels, which allow the customers to see the letters easily and choose the ones required. 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



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

Silicone Stickers Ø80mm



Best Value
No paper in the toilet
Code....95758



Best Value
No Shoes
Code....95759



Best Value
No bras
Code....95760



Best Value
No swimsuits
Code....95761

Boat Brushes & Handles



Keeping your boat and the environment clean

It is highly important that your boat is kept clean at all times.

It is just as important to keep the environment clean and unpolluted with soap and various other chemical substances, found in detergents, so that you can enjoy clean beaches, crystal clear seas, thriving with marine life.

Here are some tips to help you keep your boat clean and the environment unspoiled.

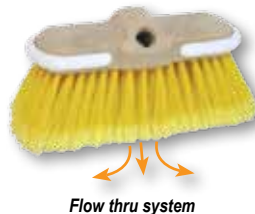
- Cleaning should be done often. Scrub hard and mop up any spills right away
 - Never allow any dirt or spill to set - it will be much more difficult to clean it then
 - Avoid using detergents that contain strong substances, such as phosphates, since they are extremely dangerous pollutants to the marine environment
 - Always try cleaning with water first. If this doesn't work, then a mild detergent or 'homemade' solution should do the job
- In cleaning always try to avoid using strong detergents. Instead you make your own solutions that clean just as well and do not pollute the environment
- To bleach: use vorax or hydrogen peroxide
 - To polish wood: 3 parts olive oil and 1 part white vinegar
 - To polish chrome/metal: apple, cider vinegar to clean; baby oil to polish
 - To scour: Baking Soda
 - Cleaning the following surfaces:
 - Fiberglass: A paste of baking soda and salt
 - Aluminium: 2 tbsps cream of tartar, dissolved in 1/4lt hot water.
 - Brass: Worcestershire sauce or paste made of equal parts vinegar, salt and water. Rinse
 - Chrome: apple cider vinegar to clean; baby oil to polish
 - Copper: lemon juice and salt. Spread; wait; then rinse
 - Decks/Floors: Cup of vinegar, 1 gallon / 3,5lt of hot water. Scrub; swab; mop. Beware, it will remove any polish
 - Lexan: 1 cup of vinegar, 1 pint / 1/2 litre of water. Apply with a soft cloth. Polish Dry
 - Mildew/Mold: A paste using equal parts of either lemon juice and salt or vinegar and salt. Vary treatment per location
 - Shower: Wet area; Sprinkle on baking soda; rub with scouring cloth and rinse
 - Refrigerator/cooler: Wipe with wet cloth dipped in baking soda
 - Toilet: Add baking soda and brush with great enthusiasm. A cup of vinegar left overnight in the head will reduce the build-up of salts and lime scale
 - Windows: 1 cup of vinegar in 1/4 lt warm water. Wash; rinse and squeeze



Code...57345



Flow thru system



Flow thru system

Code.....50904

Boat Wash Brush 'Flow Thru', Medium Bristle H 6,5cm, Yellow

The Lalizas boat wash brush is made of dense medium bristles that retain water and create rich foam, making it ideal for cleaning surfaces with no persistent dirt. The Lalizas medium brush incorporates a screw thread to attach any of the plain or telescopic handles (57340-2). Furthermore, 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 want to clean. Unlike traditional wooden brushes, the Lalizas wash brush is made of plastic 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.

Boat Wash Brush 'Flow Thru' Bi-Level, Medium Bristle H 6,5cm, Yellow

The Lalizas bi-level boat wash brush is 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, e.g. 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. It's dense medium bristles retain water and create rich foam, making it ideal for cleaning surfaces with no persistent dirt. The Lalizas wash brush incorporates a screw thread to attach any of the plain or telescopic handles (57340-2). Even more it's 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 clean. The Lalizas wash brush is made of a plastic 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

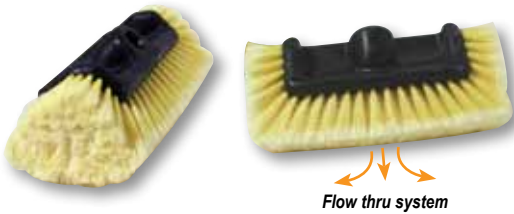
Code.....50905

Boat Scrub Brush 'Flow Thru', H 5cm, White

The Lalizas scrub brush is ideal for scrubbing surfaces where stubborn and persistent dirt exists, as 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 clean. Lalizas scrub brush is highly resistant to the marine environment, since it is made of plastic 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.

Boat Brush "Flow Thru", 4 sides, yellow

Code.....70689



Flow thru system

Boat brush Soft with folding head

To keep your boat clean even in the most difficult places, Lalizas offers you the soft boat brush with folding head. It is made of highly resistant plastic and PVC 0.25mm for durability and high resistance against sun and salt water. It features a folding head that will help you reach and clean difficult places such as the hull and the bilge. It incorporates a special screw thread for attaching to Lalizas plain and telescopic boat hooks (57340 - 2). The soft brush is finished in beige with blue bristles.



Code.....57180

Telescopic Handle 'Flow Thru' for Boat Brush

Code.....57344
Length: 127 - 220 cm
Diameter: 2,5 - 3,2 cm

- Made of anodized aluminum
- Water hose connector
- ON-OFF switch

Water hose connector



ON-OFF switch



Aluminum Telescopic Handle for hook/brush

Code.....57342
Length: 165 - 305 cm
Diameter: 2,2 - 2,5 cm



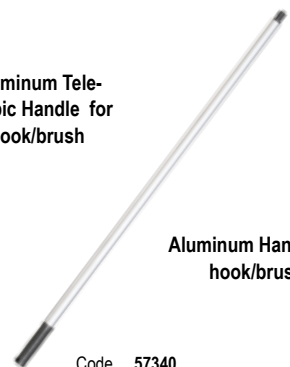
Aluminum Telescopic Handle for hook/brush

Code.....57341
Length: 105-179 cm
Diameter: 2,2 - 2,5 cm



Aluminum Handle for hook/brush

Code.....57340
Length: 130 cm
Diameter: 2,5 cm



For a smooth operation with the best results, combine the telescopic handle 'Flow Thru' (57344) with the relevant wash and scrub brushes (57345, 50904-5). Evenmore all Lalizas brushes fit perfectly on the plain and telescopic handles (57340-2).



Code.....50906

Boat Cleaning Set

The Lalizas cleaning 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 plastic and PVC giving good protection against salt, water and sun. The nylon hook is light and designed for easier and better use in action. The brushes and hooks by Lalizas are all threaded in order to easily fit to the handle. The telescopic handle is 105cm long and can extend up to 179cm, so that you can adjust it accordingly. It is made of anodised aluminium for more durability and longevity. These Lalizas cleaning products have been designed totally for your convenience.

Vacuums



Code.....31403

Vacuum Cleaner Sea Power, 12V, 5m cable

This small sized vacuum cleaner is ideal for cleaning the interior of boats and cars. Includes a 5m power cord with 12V lighter plug, a standard wide-mouth attachment for cleaning furniture and a crevice attachment. Vacuum Power is 15mbar.

Features: DC 12V, **Vacuum Power:** 1500Pa, **Power Source:** 12V cigarette lighter Plug, **Accessories Included:** standard wide-mouth attachment & crevice attachment

Buckets



Fabric Bucket

Code.....99203



Marine Bucket, Black

Code	Capacity (lt)	Material
72059	7,5	rubber
90598	10	plastic

Plumbing & Ventilation

Bilge Pumps	63-64
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Bilge pump switch	66
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Cabin Vents



"24 hours" Vent



INFORMATION

BILGE PUMPS - LEVEL & FLOAT SWITCHES

What is a bilge pump? A bilge pump is a device that can be used to pump excess water from the bilge of the boat.
What is a Float switch? A Float switch is a device, which at a specific water level will activate the bilge pump(s).

Categories

Bilge Pumps: It is advisable that all boats should have bilge pumps. These are divided according to the quantity of water they can pump per hour. The Lalizas range includes bilge pumps that can pump 500, 600, 700 or 1000 gallons per hour (1 gallon = 3,7854lt).

Float Switches: There are two types of switches available from Lalizas.

- Mechanical Float Switch FS-40 and 91549. They are activated by the rising water level, which pushes upwards the built-in float.
- Environmental Electronic Level Switch (EELS). The latest in technology, this switch has an electronic sensor which activates the bilge pump as soon as it 'senses' the water level rising. The EELS has the unique ability to distinguish harmful substances that may be found in the bilge, such as oil, gas etc. Even more important is the fact that it will not allow these substances to be pumped out into the sea.

Materials: All Lalizas bilge pumps are made of shatterproof ABS plastic and operate at 12V. On the other hand, the switches are made of a combination of ABS plastic and Nylon. The contacts of the electronic switch are protected from environmental factors, thus making it 100% waterproof.



Advisor



Information



Best Value



With Cables



New Product



Captain's proposal

Bilge Pumps



Use: Bilge pumps are used to remove excess water from the bilge of the boat or transfer liquids. They are necessary equipment in your boat, as they free your hands from removing the excess water from the bilge and assist in maintaining your boat in good condition. Before you choose a pump, you should consider the size of the boat, the quantity of water pumped and the discharge height. Please note that the higher the discharge height, the harder the pump has to operate in order to push the water overboard. Generally for 1m discharge height the following are suggested:

- Boat < 6m => 600L/h (liters per hour)*
- Boat > 6m => 900L/h (liters per hour)*
- Boat > 6m => 1800L/h (liters per hour)*

* 1 Gallon (G) = 3.7854 liters (lt)

Instructions of Use: An important prerequisite for the normal operation of all electric devices is their connection to the main circuit. Lalizas bilge pumps are connected in series to the main circuit and it is suggested that you use a 10A fuse. It is very important that you follow the wiring instructions when connecting the pump. The device can be mounted vertically to the hull, at a point where most of the excess water is found. The bilge pump may be activated either manually via a switch installed by you or automatically by a float switch (sold separately). There are also versions with a built-in level switch.

Maintenance / Replacement: Lalizas bilge pumps are manufactured so as to operate efficiently even after long periods of time. However, for the best performance you should use and maintain them properly. Therefore Lalizas suggests the following:

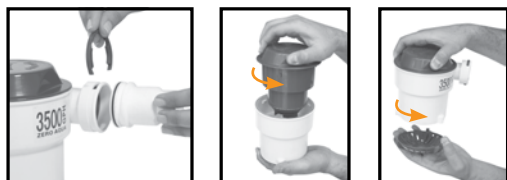
- Use your bilge pump in combination with a float switch
- Place a 10A fuse in series with the main circuit
- Clean the bilge pump from any dirt
- Check regularly that everything operates correctly
- Avoid the use of any chemical substances in the bilge

ATTENTION: If you choose not to use a float switch you should supervise constantly the operation of the bilge pump and deactivate it when all the water is pumped, in order to avoid overheating it. Overheating the pump may seriously affect its operation and result in permanent damage.

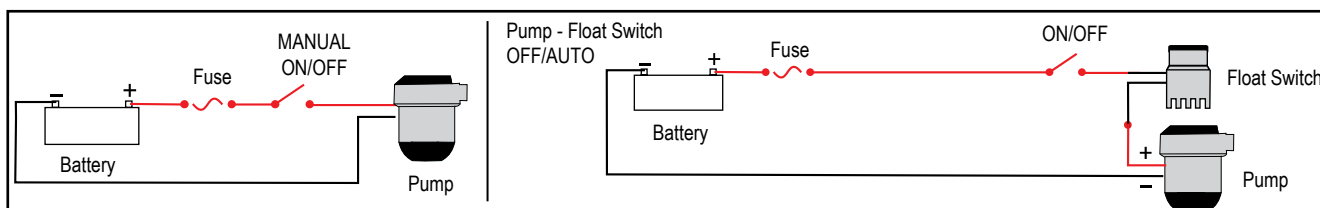


Bilge Pump "Zero Aqua Plus"

The 'Zero Aqua Plus' bilge pumps have been designed for heavy-duty use. Their rugged construction of ABS is characteristic of the high quality standards set by Lalizas. They are very easy to mount and clean, since the body can be removed, allowing full access to the strainer and the impeller. The "Zero Aqua Plus" bilge pumps are available in four (4) sizes from 600 to 3500GPH. All models, apart from 31330 are supplied with non-return valves, while the 1500 & 3500GPH model come both in 12V and 24V. Additionally, Lalizas has a wide range of non-return valves in various angles which can be combined with the bilge pumps.



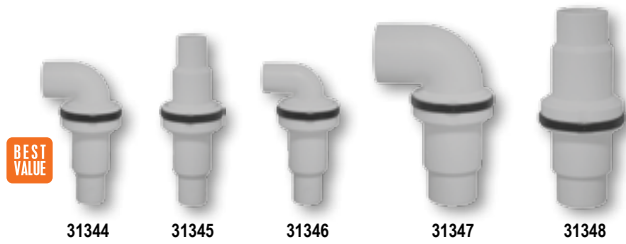
Code	31330	31331	31332	31333	31340	31341	
Gallons (GPH)	600	1000	1500	1500	3500	3500	
Volts (DC)	12	12	12	24	12	24	
A: Diameter (mm)	68	68	124	124	124	124	
B: Height (mm)	102	102	160	160	160	160	
Hose Outlet	3/4"	3/4" - 1"	3/4" - 1"	3/4" - 1"	1/2" - 1/4"	1/2" - 1/4"	
Non-Return Valves	Outlet	Angle	Non-Return Valves supplied				
	1"	90°	X	•	X	X	X
	3/4" - 1"	Inline	X	•	X	X	X
	3/4"	90°	X	•	X	X	X
	1 1/2"	90°	X	X	•	•	•
	1 1/2" - 1/4"	Inline	X	X	•	•	•



Bilge Pumps

Non-return Valves

Lalizas non-return valves are ideal for use with all the "Zero Aqua Plus" bilge pump series. They feature a quick release clip, allowing you to service them easily and quickly. They are available as in-line units or with a 90° curve. Finally, their outlet connection allow the use of either a 3/4 to 1" or a 1 1/4" to 1 1/2" hose.

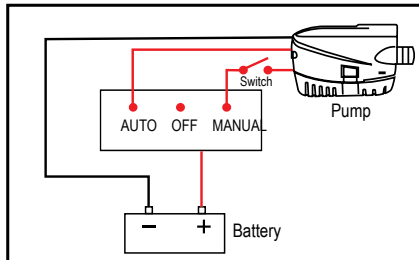
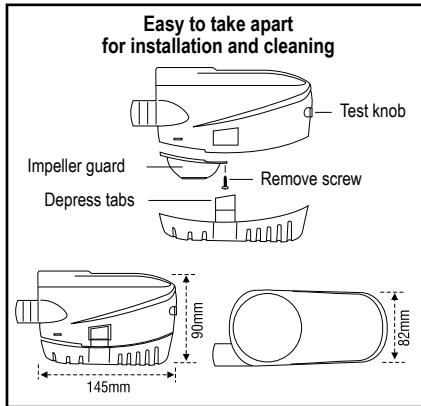


Code	31344	31345	31346	31347	31348
Hose Outlet	1"	3/4" - 1"	3/4"	1/2"	1/2" - 1/4"
Hose Inlet	3/4" - 1"	3/4" - 1"	3/4" - 1"	1/2" - 1/4"	1/2" - 1/4"
Angle	90°	Inline	90°	90°	Inline

BEST VALUE

Submersible Automatic Bilge Pump 600GPH

The Lalizas Submersible Automatic Bilge Pump combines quality and ease of use in one device. 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 pumping capacity is 600GPH through a 19mm (3/4") hose. 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. The pump housing is made of durable ABS plastic. 12V DC. Fuse 10A.



Code.....31150

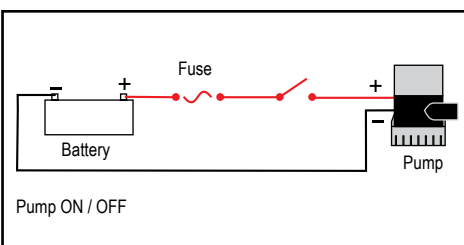
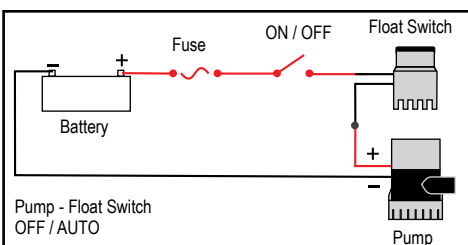
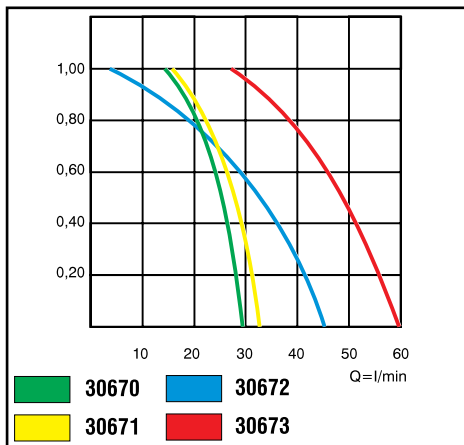
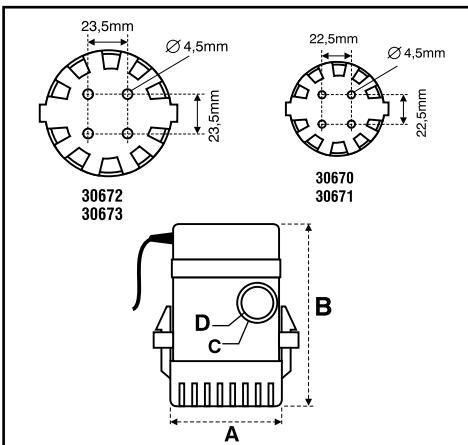
BEST VALUE



Test knob

Submersible Bilge Pumps

The 12V submersible bilge pumps are made of shock resistant ABS plastic and powered by the world's best compact motor. The snap-on strainer base makes installation a simple procedure. These reliable pumps are available in four sizes from 500GPH to 1000GPH.



Code	30670	30671	30672	30673
GPH	500	600	700	1000
A(mm)	60	60	70	70
B(mm)	90	90	95	95
C(mm)	20	20	25	30
D(mm)	15	15	20	25



Use

Float switches are used to detect the presence of excess water in the bilge of a boat, and activate the pump in order to remove it. It is suggested that you use the combination of pump and switch, as it then excludes the possibility of forgetting to switch off the pump, and will also prevent overloads.

Operation

Mechanical Float Switches: They have a built-in float switch which activates the pump when forced upwards by the rising water level. When the water level drops, the float lowers, deactivating the pump. They operate with bilge pumps rated up to 10A.

Electronic Environmental Level Switch E.E.L.S.: The E.E.L.S. has been designed to sense the conductivity of liquids and distinguish the presence of hydrocarbons in bilge water. Since hydrocarbons are conductors of lower intensity than water, the E.E.L.S. will switch off the pump and not allow the film of hydrocarbons, that may be present in the bilge, to be pumped and discharged into the sea, thereby preventing pollution. The E.E.L.S. Level switch operates with bilge pumps rated up to 20A.

Lalizas Level and Float switches are compact, need limited maintenance and are designed for long service life.

Instructions of Use

Float switches should be installed vertically in the bilge or in any area where excess water is most likely to be collected. To safeguard against malfunction it is important to ensure correct connection of the Float/Level switch to the bilge pump and to the boat's main circuit. Both the types of float switches should be connected in series to the main circuit. After connection and taking care to follow the instructions, all you need to do is regularly check that the device operates smoothly.

Maintenance / Replacement

Although these products need limited maintenance, Lalizas suggests that you:

- Place a fuse with an amperage relative to the pump in series with the main power supply circuit
- Check regularly that everything operates correctly
- Avoid the use of any chemical substances in the bilge

ATTENTION: Automatic Float switches are designed to help maintain smoother operating boat drainage system. They are not designed to control operation or replace human surveillance.

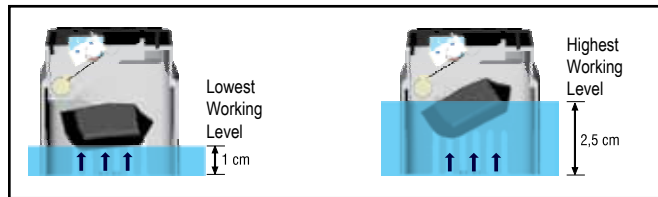
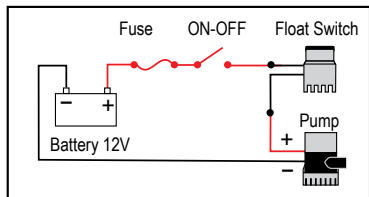
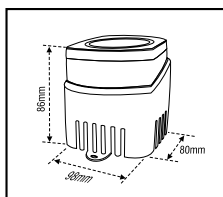
Float Switch FS-40

The Lalizas 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 using the test button. The Float Switch FS-40 is made of from tough ABS plastic for long life.

Voltage: 12V - 24V DC Amperage: 10A



Code.....31170



Environmental Electronic Level Switch E.E.L.S.

The Lalizas Environmental electronic level switch is the latest in 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 Lalizas E.E.L.S is that it is environmentally friendly. Lalizas 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. Mounted vertically to the hull, the Lalizas E.E.L.S is connected inline with bilge pump(s) even of higher potency. Also its compact design allows a far greater freedom of movement. On the other hand, in inboard vessels the minimum space it occupies, leaves more loading space and the hatch space intact. Other features of note are the insulated electrical contacts, casing from durable Nylon and ABS plastic, 100% impermeability to water.

Technical characteristics

The Lalizas Electronic Level Switch can be used with any bilge pump up to 20A. The Electronic Level Switch has the following electrical characteristics:

Voltage: 12V DC

Connection to the main circuit: Inline

Maximum Amperage: 20A.

How to connect the Lalizas Electronic Level Switch

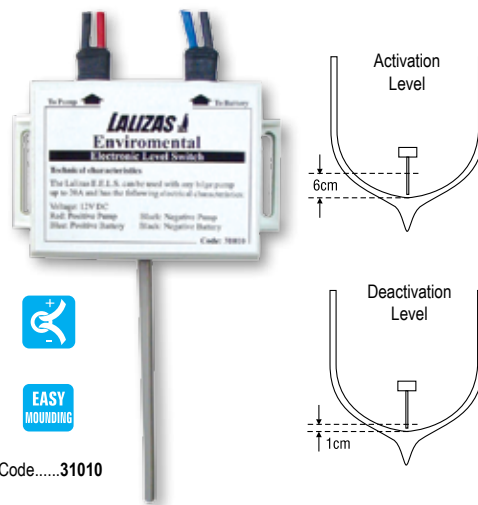
Connect a switch for the activation of the automatic operation of the bilge pump inline to the positive pole of the battery. You should also connect inline a fuse, according to the amperage of the bilge pump and up to 20A max (See manufacturer's instructions). The wires of the Electronic Level Switch which are connected to the poles of the battery are RED (+) and BLACK (-). The other pair of wires, BLACK (-) and BLUE (+) are connected to the negative and positive pole of the bilge pump respectively.

ATTENTION!

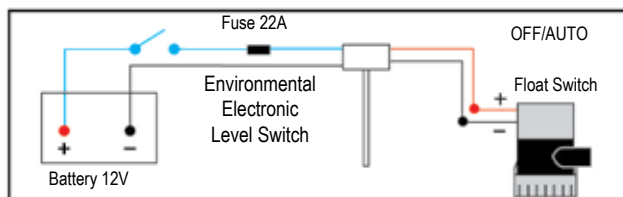
It is necessary that you follow the polarity when making the connections, otherwise you run the risk of producing a short circuit leading to damage your Electronic Level Switch. Please check the polarity before activating your new Float Switch.

WIRING

- Black: Negative (-)
- Red - Blue: Positive (+)
- Black - Red: Connection to the battery
- Black - Blue: Connection to the Bilge Pump



Code.....31010



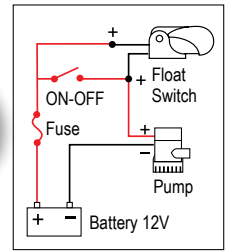
Float Switches

Automatic float switch, DC 12V/24V, 15A max

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 is emptied. This automatic float switch has a plastic housing.

BEST VALUE

Code..... 91549



Power: 12V/ 24V, **Fuse:** 15A max, **Material:** ABS plastic, **Dimensions:** L 11cm W 7cm H 6.5cm

Bilge Pump Switch

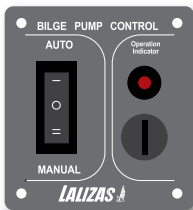
Pump Switch

Lalzas Pump Switch allows you to operate your boat's bilge pump automatically, manually or even switch it off. It is water resistant, with an indication light, so that you know when the device is operating. The Lalzas Pump switch is made of Inox 316 for durability and lifetime protection against corrosion. It is available in charcoal colour.

2 YEARS GUARANTEE

INOX 316

BEST VALUE



Features:

- Auto-Off-Manual switch
- For use only in 12/24V. Maximum load per switch 15A
- Coated with electrostatic paint
- Completely wired and ready to install
- Two years Warranty

Code	Function	Dimensions (cm)		Colour	Volts DC
		Height	Width		
31301	Auto - Off - Manual	7	6,5	Charcoal	12-24

Watch the video on our channel
<http://www.youtube.com/LalzasSA>

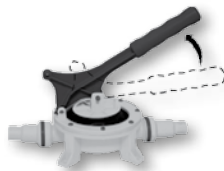
Manual Bilge Pumps

Diaphragm Bilge Hand Pump

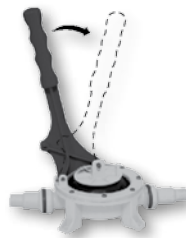
Ideal for use where battery power is not available or as a backup to electric pumps, the Lalzas diaphragm bilge hand pump is easy to use and has a capacity of 6,5 gallons at 60 strokes. It features a built-in non-return valve, which can be easily removed with the quick release clip and two-position handle for convenient use, depending on your requirements. Additionally, its outlet connection allows the use of either a 3/4" or a 1" hose.

Code.....31342

BEST VALUE



A. Horizontal Position



B. Vertical Position



BEST VALUE

Service Kit for Hand bilge pump 31342
 (includes diaphragm, flapper valves, gasket)
 Code.....31399

General Purpose Pumps

Diaphragm Water Pump



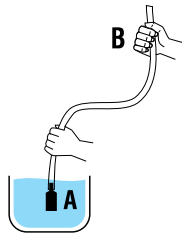
Code	Volt	Lt/min	Pressure
90274	12	9,5	2,4 bar
90275	24	12	

BEST VALUE

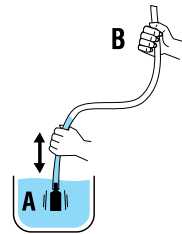


Suction hand pump, length 160cm

Code	70002	70003
Diameter (mm)	19	25

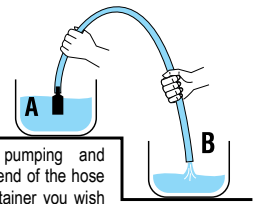


1. Place the bottom end A of the hosepipe into the tank with the liquid that you wish to pump out and hold the top end B of the hosepipe upright



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

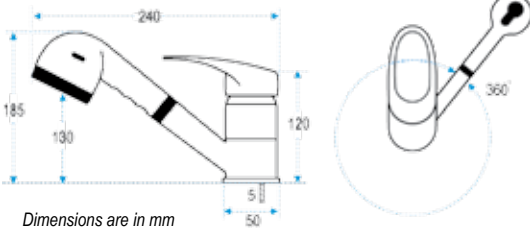
SUITABLE FOR PETROL - DIESEL - WATER

Faucets



Faucet, with adjustable spray & shower tube 150cm "Rhea"

Code.....99960

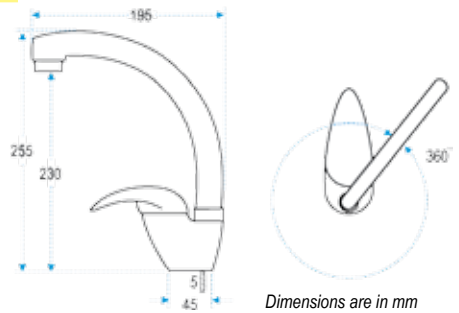


Dimensions are in mm



Faucet "Nefeli"

Code.....99959

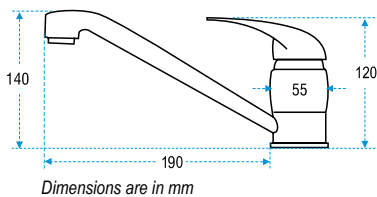


Dimensions are in mm



Faucet "Aegle"

Code.....99999

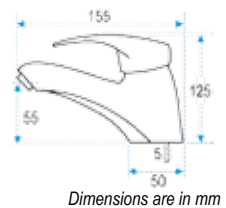


Dimensions are in mm



Faucet "Artemis"

Code.....99962

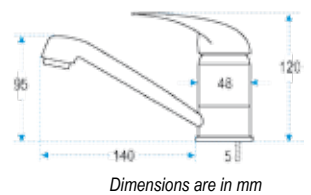


Dimensions are in mm



Faucet "Athena"

Code.....99961



Dimensions are in mm

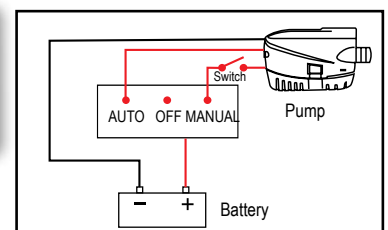
Showers & Accessories

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 plastic and the lid from acrylic. Its power consumption is limited to 1,5A at 12V. 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 19,1 (3/4") and 25,4mm (1") in diameter.



Code.....31349



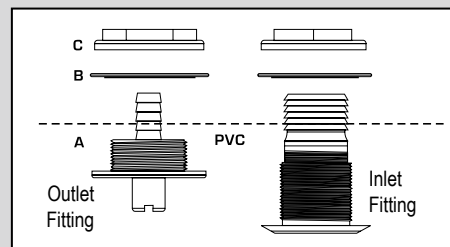
Watertanks

ADVISOR

Installation of the inlet and outlet fittings

Inlet and outlet fittings are supplied loose, so that you can install in any position you prefer. However, you should always keep the outlet fitting (small) as low as possible. To install them, follow the steps below:

1. Mark the holes to be cut out using the inside perimeter of ring (B)
2. Cut the marked holes with scissors, being careful not to cut the bottom side of the tank
3. Insert the fittings in the cut-out holes, by folding the surrounding fabric slightly. Part (A) should be inside and ring (B) outside the tank wall
4. Secure the fittings by fastening tightly the nut (C)



Cleaning and Maintenance

To maintain the tank in good condition follow the instructions below before winter:

- Fill with water and some white vinegar to remove any algae that may have been formed
- Rinse with fresh water and leave to dry completely
- Store in a dry place

Flexible Water Tanks, grey

Flexible water tanks solve the problem of storing water on your boat. Made of non-toxic PVC, they are suitable even for drinking water. The tanks are supplied with a valve, which can be used for ventilation and with two extra fittings (cut through hole: 48mm). They are easy to store and use. Lalizas flexible water tanks are available in rectangular and triangular models.

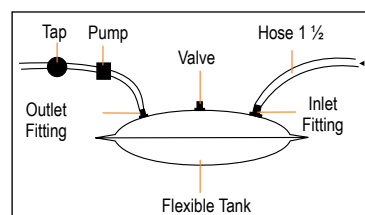


Triangular

Code	31325	31326
Dimensions (cm)	86x21x93	108x21x108
Capacity (Lt)	55	100

Rectangular

Code	31321	31322	31323	31324	31329
Dimensions (cm)	74x60	74x84	74x100	74x125	74x150
Capacity (Lt)	55	75	100	120	150



BEST VALUE



Outlet Fitting
diam.: 48mm for
5/8" hose, black
Code..... 31352

BEST VALUE



Inlet Fitting
diam.: 48mm for
1 1/2" hose, black
Code..... 31351

BEST VALUE



Valve for Flexible Water Tanks (31321-6, 31329)
Code..... 02022

Water Shower Tank , flexible

- It is made of PVC and can heat 20lt of water
- It is lightweight & small, saving you a lot of space
- It is environmental friendly, since the construction material doesn't contain any toxin



Code	99976
Capacity (Lt)	20

Marine Toilets & Accessories

ADVISOR

In order to both prolong the life of your portable toilet and maintain its full function we recommend you the following:

- Avoid exposing the toilet to high temperatures (over 60°C)
- Make sure that there is always enough water in the fresh water holding tank before use
- Clean the waste holding tank regularly. Ideally, it should be cleaned every time the fresh water tank is empty.
- You can use any tank detergent, strictly according to its instructions

Maintenance

- Lubricate the slide valve periodically
- The slide valve may be removed for service or cleaning, by just unscrewing counter clockwise
- Clean the exterior parts of the toilet with a mild, non-abrasive cleaner

Portable Toilet

This portable toilet is suitable for interior and exterior use. It is self-contained and it doesn't require any external water or power connections. It consists of two separate tanks; a fresh water holding tank of 12lt capacity and a waste holding tank of 10lt. However, you can change the waste tank's capacity to 20lt, by replacing the 10lt waste tank with the 20lt waste tank (11869).


The toilet is made of high-density plastic with matt finish for greater resistance to scratches.

Code....11867



Code.....11873  Spare slide valve for the spare tanks 11868 & 11869

Code.....11872  Spare cap for the waste holding tank of the portable toilet 11867

Code.....11871  Spare cap for the fresh water tank of the portable toilet 11867



Base for the portable toilet 11867, Height 125mm

Code.....11870



Spare waste holding tank, for the portable toilet 11867

Code	11868	11869
Capacity (Lt)	10	20



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 feature one-piece construction; no seams involved.



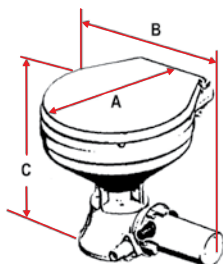
The detached waste holding tank (10lt or 20lt) can be easily emptied, without using any tools

Electric Marine Toilet LT-0E & LT-1E

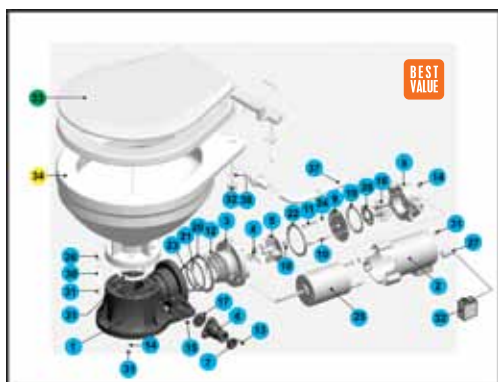
Electric toilets LT-1E and LT-0E, can be supplied as either 12V or 24V and have been designed to make your life on-board easier, because of their self-priming double action pumps. By just pushing the on/off switch, which can be installed anywhere in the toilet cabin, you activate the pump and while fresh 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 antisiphon 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	Voltage (V)	Dimensions (mm)		
			A	B	C
11874	LT - 0E	12	400	435	370
11875		24			
11876	LT - 1E	12	480	460	400
11877		24			



You can install the pump in four different positions.



Kits Available for Electric Marine Toilets

Code	Description	Key
11452	Cover Set for manual toilet LT-1E	33
11519	Cover Set for manual toilet LT-0E	33
11896	Toilet bowl for the toilets LT-0E, ceramic, white	34
11897	Toilet bowl for the toilets LT-1E, ceramic, white	34
11879	Repair kit for the electric toilets 24V, LT-0E & LT-1E	1-32
11878	Repair kit for the electric toilets 12V, LT-0E & LT-1E	1-32

Do it yourself

You can always assemble the Lalizas electric marine toilets, LT-0E & LT-1E, by using the relevant spare parts included in the following table. For instance, if you want to assemble the electric toilet LT-0E (11874), then you are going to need the 11896, 11519 & 11878 spare parts, which are also highlighted in the above picture.

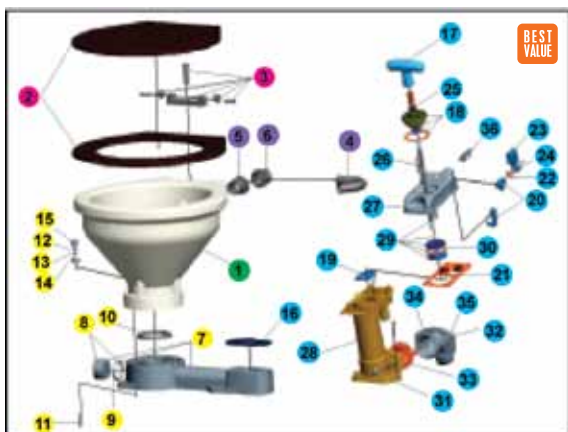
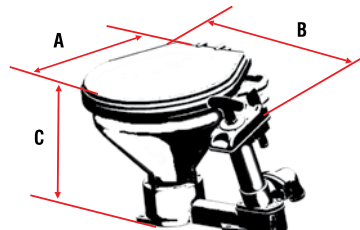
Code	Description	Voltage (V)	Dimensions (mm)			Key
			A	B	C	
11874	LT - 0E	12	400	435	370	11896 + 11519 + 11878
11875		24				11896 + 11519 + 11879
11876	LT - 1E	12	480	460	400	11897 + 11452 + 11878
11877		24				11897 + 11452 + 11879



Marine Manual Toilets 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 easily be 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 the parts are made of corrosion resistant materials.

Code	Description	Dimensions (mm)		
		A	B	C
11510	LT-0	400	430	330
11412	LT-1	450	470	360



Kits Available for Marine Manual Toilets

Code	Description	Key
11451	Kit E, Base to Bowl Mounting Kit	7, 8, 9, 10, 11, 12, 13, 14, 15
11452	Cover Set for manual toilet LT-1	2, 3
11519	Cover Set for manual toilet LT-0	2, 3
11453	Kit G, Intake Seal for manual toilet LT-1	4, 5, 6
11447	Kit A, Major Service Kit for manual toilet LT-1	16, 18, 21, 22, 25, 30, 33
11535	Assembled Spare Pump for Manual Toilet LT-0 and LT-1	16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36
11896	Toilet bowl for the toilets LT-0, ceramic, white	1
11897	Toilet bowl for the toilets LT-1, ceramic, white	1

Do it yourself

You can always assembly the Lalizas marine manual toilets, LT-0 & LT-1, by using the relevant spare parts included in the following table. For instance, if you want to assembly the manual toilet LT-0 (11510), then you are going to need the 11451, 11519, 11453, 11535 & 11897 spare parts, which are also highlighted in the above picture.

Code	Description	Dimensions (mm)			Key
		A	B	C	
11510	LT-0	400	430	330	11451 + 11519 + 11453 + 11535 + 11897
11412	LT-1	450	470	360	11451 + 11452 + 11453 + 11535 + 11896



Covers set for LT Toilets

Code	For Toilets		Material
11519	LT-0	LT-0E	MDF
11452	LT-1	LT-1E	PP



Toilet bowl for LT toilets, ceramic, white

Code	For Toilets		Weight (Kg)
11896	LT-0	LT-0E	6
11897	LT-1	LT-1E	7,75



Repair kit for LT electric toilets

Code	For Toilets		Voltage (V)
11879	11875	11877	24
11878	11874	11876	12

Anti-vent loop connection, nylon

An anti-vent loop connection is required when the toilet installation is below the waterline. This prevents water inflow into the interior. The Lalizas anti-vent loop connection is made of ABS and is available in two different sizes.



BEST VALUE

Code	Ext. Diameter (cm)
90184	1,9
90185	3,8

Toilet Sanitizing & Cleaning

Disinfectant 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 30x30x40mm. The DSRU is very easy to install, requires minimum maintenance and has a discreet and compact design.



Code... 11865

BEST VALUE



BEST VALUE

Spare Disinfectant Tablets for 'DSRU' Marine, & Pine (2 Tablets)

Code..... 11866

Hose Clamps

Heavy-duty Inox 316 hose clamps

Lalizas hose clamps are designed for heavy-duty secure hose connections, such as exhaust hoses. They are made of Stainless Steel 316 for the ultimate resistance to corrosion. Each Hose features smooth imperforated band surface and rolled edges, so as to prevent hose damage. Sizes varying from 29mm up to 175mm with band spreads from 2mm to 12mm and width from 20mm up to 26mm depending on the model, will guarantee that you will find the ideal hose for your requirements.

	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



MARE

INOX 316	Code	10280	10281	10282	10283	10284	10285	10286	10287	10288	10289	10290	10291	10292	10293	10294	
	Width(mm)	20				22				24							
	Diameter(mm)	29-31	31-34	36-39	40-43	44-47	47-50	52-55	56-59	60-63	64-67	68-73	74-79	80-85	86-91	92-97	

INOX 316	Code	10295	10296	10297	10298	10299	10300	10301	10302	10303	
	Width(mm)	24				26					
	Diameter(mm)	98-103	104-112	113-121	122-130	131-139	139-147	148-160	162-174	175-187	

Hose clamps Inox 304 & 316

Lalizas hose clamps are especially designed for marine use, with band, housing and screw all made of Stainless Steel for extra resistance to corrosion. They feature fixed housing and bevelled edges, - the complete smoothness of the internal surface will ensure protection from any kind of hose damage. Lalizas hose clamps are available in various sizes from 8mm to 140mm with band spreads from 8mm to 20mm and width of 9mm or 12mm depending on the model and in two types depending on their material, stainless steel 304 and 316.

	DIN	AISI/AS	BS	AFNOR NF	SUS
Hose clamps	1.4401	316	316S16	Z6CND17.12	316
Screw	1.4401	316	316S16	Z6CND17.12	316
Hose clamps	1.4301	304	304S15	Z6CN18.09	304
Screw	1.4301	304	304S15	Z6CN18.09	304

INOX 316

INOX 304



MARE

INOX 316	Code	11113	11114	11115	11116	11117	11118	11119	11120	11121	11122	11123	11124	11125	11126	11127	11128	11129	11130		
	Width(mm)	9								12											
	Diameter(mm)	8-16	12-20	16-25	20-32	25-40	16-27	20-32	25-40	32-50	40-60	50-70	60-80	70-90	80-100	90-110	100-120	110-130	120-140		

INOX 304	Code	11479	11480	11481	11482	11483	11484	11485	11486	11487	11488	11489	11490	11491	11492	11493	11494	11495	11496		
	Width(mm)	9								12											
	Diameter(mm)	8-16	12-20	16-25	20-32	25-40	16-27	20-32	25-40	32-50	40-60	50-70	60-80	70-90	80-100	90-110	100-120	110-130	120-140		

Thru-Hull Plastic Fittings

Expanding drain plugs

The Lalizas series of expanding drain plugs includes 4 drain plugs of different diameter for different drain sizes. They are made of Nylon, supplied in black and each of the drain plugs can be applied to specific drains in the Lalizas range.



Code	Diam. (mm)	Suitable for Drains
95790	22	95793
95786	25	10250, 10251, 10254 & 10255
95787	35	10259
95785	40	10252, 10253, 10256 & 10257



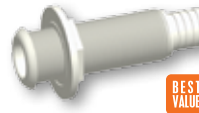
Outlet Fitting
diam.: 48mm for
5/8" hose, black
Code..... 31352



Inlet Fitting
diam.: 48mm for
1 1/2" hose, black
Code..... 31351



Oval Drain Socket with O-ring Ø 26.3mm
Code.....95781 95782
Colour..... White Black



Long drain
Diam. 22mm, L 125mm, white
Code...95793

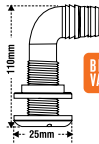


Non return valve for drain,
Diam. 22mm
Code...70209

Through Hull Drain 90 degrees for 1" and 1 1/4" Hose



white

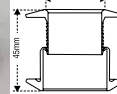


BEST VALUE
Code Description
10254 With adjustable length
10255 With stead face

Adjustable drain 20-40mm, white



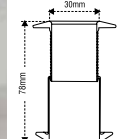
Code.....10258



Adjustable drain 40-80mm, white



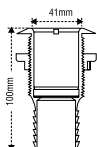
Code.....10259



Through Hull Drain for 1 1/4" Hose, white



Code.....10252

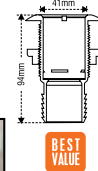


Through Hull Drain for 1 1/2" Hose

white



Code.....10253



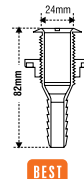
Code.....70600

Through hull drain for 3/4" hose

White



Code.....10250



chrome plated with plastic nut

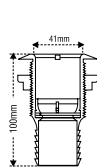


Code.....70597

Outlet with reverse flow protection valve for 1 1/4" hose, white



Code.....10256

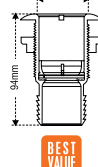


Outlet with reverse flow protection valve for 1 1/2" hose

white



Code.....10257



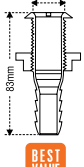
Code.....70603

Through Hull Drain for 1" Hose

white



Code.....10251



chrome plated with plastic nut

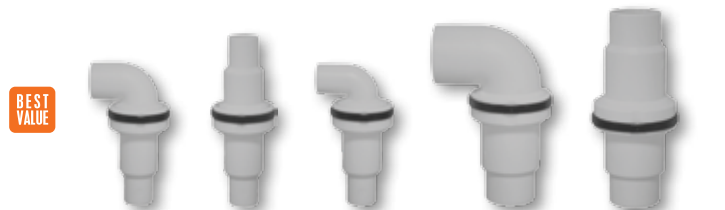


Code.....70598

Lever, Ball & Safety Valves

Non-return Valves

Lalizas non-return valves are ideal for use with all the "Zero Aqua Plus" bilge pump series. They feature a quick release clip, allowing you to service them easily and quickly. They are available as in-line units or with a 90° curve. Finally, its outlet connection allows the use of either a 3/4 to 1" or a 1 1/4 to 1 1/2".



Code	31344	31345	31346	31347	31348
Hose Outlet	1"	3/4" - 1"	3/4"	1 1/2"	1 1/2" - 1 1/4"
Hose Inlet	3/4" - 1"	3/4" - 1"	3/4" - 1"	1 1/2" - 1 1/4"	1 1/2" - 1 1/4"
Angle	90°	Inline	90°	90°	Inline

Plumbing & Ventilation

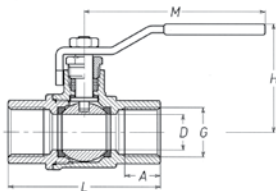
Watch the video on our channel

http://www.youtube.com/LalizasSA

You Tube



Lever operated ball valve F-F,
SeaWare, nickel plated
brass, for gas



Code	Weight (gr)	M	H	L	D	A	G
96569	122	71	45	41	10	10,5	1/4"
96570	115	71	45	41	10	10,5	3/8"
96571	148	90	50	47,5	14	10,5	1/2"
96572	220	92	53	53,5	18	12	3/4"
96573	310	114	57	62	21	12,5	1"



Lever operated ball valve F-F,
SeaWare, nickel plated
brass, for water

Code	Weight (gr)	M	H	L	D	A	G
70150	122	71	45	41	10	10,5	1/4"
70151	115	71	45	41	10	10,5	3/8"
70152	148	90	50	47,5	14	10,5	1/2"
70153	220	92	53	53,5	18	12	3/4"
70154	310	114	57	62	21	12,5	1"
70155	520	136	70	72	29	13,5	1 1/4"
70156	750	150	76	78,5	32	16	1 1/2"



Non return valve for drain,
Diam. 22mm

Code...70209



Ball valves, PVC

Code	Diameter
90373	1/2"
90374	3/4"
90375	1"
70979	1 1/4"
70980	1 1/2"

Ventilators

Ventilators

Made of strong ABS ensuring a long and durable life. There are two sizes available, 115mm x 127,5mm and 90mm x 255mm respectively. The integrated design produces easy screw mounting.



Code	01685	01686
Colour	White	
Dimensions (cm)	11,5x12,7	9x25,5

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. A healthy atmosphere insures crew comfort and prolongs electrical device's life. "EVO" ventilators 70231-70233 and 70235-70237 are made of highly resistant plastic and 70234 and 70238 are made of ABS. They come in both rectangular and square shapes and they can be combined with connector 70239 for better performance. You will find "EVO" ventilators in white, black, grey and chrome colour.



BEST VALUE



BEST VALUE

Code	Dimensions (mm)	Material	Colour
70231	183x91,5x16,5	Highly Resistant Plastic	White
70232			Black
70233			Grey
70234		ABS	Chrome

Code	Dimensions (mm)	Material	Colour
70235	91.5x91.5x16.5	Highly Resistant Plastic	White
70236			Black
70237			Grey
70238			ABS



BEST VALUE

Code.....70239

Connector "EVO" 91.5x91.5x66mm, white

"EVO" connectors are attached to ventilators to support the bulkhead of your boat. The advantage of these connectors is their unique design, which prevents heavy water inflows in rough sailing. "EVO" connectors are made of white highly resistant plastic.



Ventilator, Inox 316

Code	Diameter (mm)	Thickness (mm)
99808	125	0,8



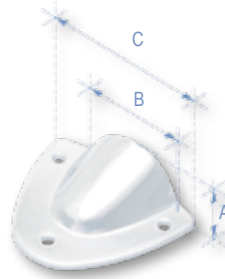
Louver Ventilator, Inox 316

Code	Diameter (mm)	Thickness (mm)
99810	102	0,8
99809	126	



Louve Ventilator, Inox 316

Code	Length (mm)	Width (mm)	Thickness (mm)
99063	127	115	0,8
99064	230		
99065	228		



Vent, Inox 316

Code	92790	92789
A(mm)	11	16
B(mm)	27	50
C(mm)	42,2	62,50

*Surface E.P.= Electro polished

Cabin Vents

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 with code number 98621 is equipped with an inox cover.



BEST VALUE



Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability

Code	Diameter (cm)	Cut area (cm)	Cover
70158	20	9,5	White
98621			Inox



BEST VALUE

Solar Vents

Solar vents provide mechanical ventilation utilising 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 modifies the fan's function from clockwise to counter clockwise. Solar vents are made of white plastic, while the 98681 vent is equipped with an inox cover.

Code	Diameter	Cut area	Cover
98680	20cm	9,5cm	White
98681			Inox



Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability



Solar panel

Operates with Solar Energy. Activation with on/off switches



BEST VALUE

"24 hours" Vent

"24 hours" vent is completely automatic as it works with solar energy in sunny days and batteries, during the night. 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 block its entry to achieve absolute impermeability. "24 hour" vents are made of white plastic. The 99689 vent is equipped with inox cover.

Code	Diameter	Cut area	Cover
99688	20cm	9,5cm	White
99689			Inox



PCB

Three functions PCB to activate solar function, activate battery function and modify fan function from clockwise to counter clockwise turn.



Impermeability

Water pushes the special balls inside the vent to shut ventilation holes and ensure absolute impermeability



Solar panel

Operates with Solar Energy. Activation with on/off switches.

Battery
Rechargeable battery, charged automatically by the solar panel. Activation with on/off switches.

ADVISOR

What is a dehumidifier

A dehumidifier is a unit that circulates air turning excess humidity into water.

Use

1. **Standard function:** Plug in the dehumidifier. Turn the control to set the level of humidity. The extracted water will be collected into the 2.5lt tank. When the water tank is full, the "full-tank light indicator" will turn on and the unit will automatically stop operating. Empty the water from the tank and the dehumidifier will start working again.

2. **Continuous drainage function:** Connect a hose to the drainage outlet at the backside of the dehumidifier, in order to override the tank. The hose will lead to the waste tank. Plug in the dehumidifier, set the level of humidity and the unit will start working.

Once the humidity in the cabin reaches the pre-selected humidity level, the unit will switch off automatically, in order to avoid dryness. The dehumidifier will keep checking the humidity level and as soon as the pre-selected humidity level is exceeded, it will automatically start operating again.

The dehumidifying capacity varies according to different temperatures and relative humidity levels. As the relative humidity or temperature increases, the dehumidifying capacity also increases. On the other hand, if the temperature and relative humidity decreases, the dehumidifying capacity will also decrease. It can extract up to 10lt per day.

Maintenance

The dehumidifier's performance may be reduced if the unit is not maintained properly. For this reason it is highly recommended to:

- Check the filter of the dehumidifier regularly and clean it every 2 weeks
- Avoid using strong detergents to clean the dehumidifier

Always follow the manual's instructions for the use and maintenance of the dehumidifier.

Portable Sea Dehumidifier 10lt

The Sea Dehumidifier is one of the most effective ways to control humidity. It is especially designed for marine use and will help you prevent moisture on the walls, as well as, the unpleasant odour, during the winter months, when the level of humidity is high.

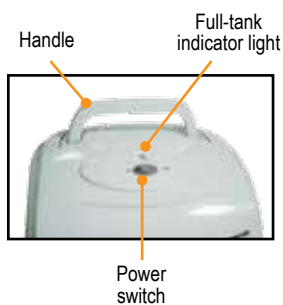
The Sea Dehumidifier is efficient, with a durable compressor and features a handle that allows you to carry it easily. Moreover, it is silent and its low profile and compact design makes it ideal to fit into any space. The Sea Dehumidifier is available in white colour.

Specifications

Capacity: 10 lt/day
 Working Space: 15-20m²
 Voltage: 220-240V
 Rated Power: 260W
 Working Temperature: 5-35°C
 Noise Level: <46dB(A)
 Water tank capacity: 2.4Lt
 Environment friendly refrigerant R134a
 Water level detection and automatic shut off when tank is full
 Full-tank indicator light
 Washable dust filter
 Automatic defrosting function
 Net Weight: 13kg



Code....31368



Deck Hardware

Deck Plates & Hatches	77-79
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Screws, Nuts & Washers	84-85
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Page 80



Hatch Insect Screen

Page 86



International Marine Code (40+ pcs)

Access and Inspection Hatches

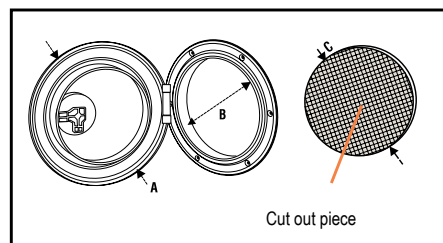
Access and Inspection Hatches are ideal for easily reaching and controlling various areas on board, such as fuel lines, electrical cables, gauges, controls, even the engine. They are specially designed with a non-skid surface and can be mounted horizontally, as well as, vertically. All hatches are mounted with hidden screws for discrete appearance. They feature an O-ring seal that makes the hatch watertight, 180° opening door, with one or two handles, where you can install a lock and an O-ring seal that makes the hatch watertight. All hatches are made of tough, UV resistant PP (polypropylene) plastic and are designed for extended use.

BEST VALUE



Inspection Hatches

Code	10266	10268	10270	10272
Colour	White	Grey	White	Grey
A(mm)	280		334	
B(mm)	201		240	
C(mm)	208		265	

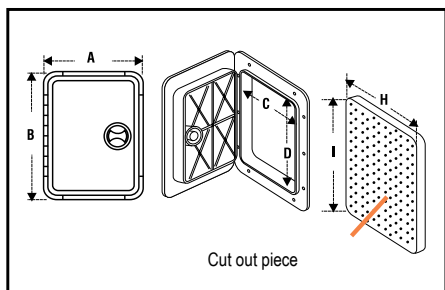


Cut out piece

Access Hatches

Code	10262	10263	11103	11104	10264	10265	11101	11102
Colour	White	Grey	White	Grey	White	Grey	White	Grey
A (mm)	276		250		358		460	
B (mm)	376		606		606		511	
C (mm)	193		167		275		380	
D (mm)	293		524		525		436	
H (mm)	200		173		280		386	
I (mm)	300		530		530		442	

BEST VALUE



Cut out piece

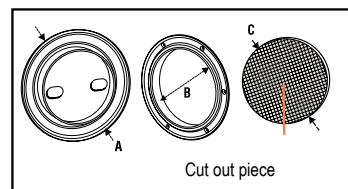
Inspection Hatches with Detachable Cover

The Inspection Hatches with Detachable Cover are made of tough plastic 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.

Code	11107	11109	11111
Colour	White		
A(mm)	154	181	210
B(mm)	95	122	145
C(mm)	113,5	141	164



BEST VALUE



Cut out piece

Access Hatches with Detachable Cover

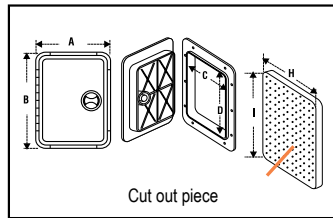
Access Hatches with Detachable Covers are made of tough UV resistant PP (polypropylene) plastic material and are ideal both for internal and external use. They feature a completely detachable door for ease of use and handles that can be fitted with a lock. The non-skid surface and the hidden screws are additional important features.

BEST VALUE



Lock for hatches
Ø 12 mm

Code.....10274



Code	11105	11106
Colour	White	Grey
A (mm)	316	
B (mm)	366	
C (mm)	226	
D (mm)	276	
H (mm)	250	
I (mm)	300	

Installing the key lock on the Lalizas hatches

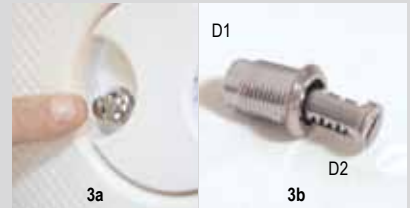
Parts



1. Remove the screw (A), the tongue (B) and the fastener (C) from the back 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 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 should 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

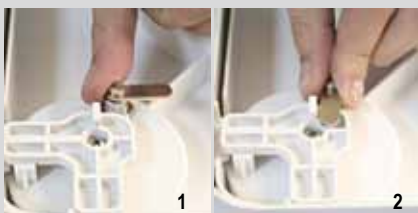


5. Place the tongue from the back side of the hatch



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)

Storage Cases

These cases may well assist in solving storage problems. They are available in various sizes and can be fitted with a single or full cover to protect the contents from spray. The cases are made of highly resistant plastic, while the optional covers are made of tinted see-through acrylic (PMMA) for durability and visibility. The Lalizas storage cases are suitable for horizontal and vertical use and they are very easy to mount using silicone or polyurethane construction adhesive. On the rear side of the cases, drilling points are marked, if screws are required.



11454

BEST VALUE

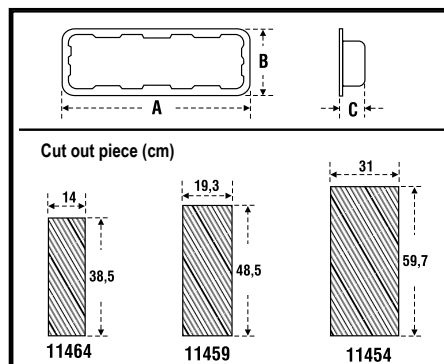


11459



11464

Storage Cases				
Code		11454	11459	11464
Dimensions (mm)	A. Length	692	545	428
	B. Width	394	245	184
	C. Depth	132	121	112,5
Colour		White		



Storage Cases Covers Not Included



11456 - 11461 - 11466



11458

BEST VALUE

Storage Case Covers					
Code		11456	11458	11461	11466
Dimensions (mm)	Length	596	304	481,5	382
	Width	160	304	99	68
	Thickness	5		4	
Colour		Tinted			

Choosing the right Cover for your Storage Case (Optional)

Storage Cases Codes	Storage Case Covers Codes	
	Single Fixed	Horizontal Full Sliding
11454	11456	11458
11459	11461	-
11464	11466	-



BEST VALUE

Case with net and plastic frame, 'Store-All', white

This case helps you organise small items with a flexible holding net. It is made of plastic, UV resistant and can be easily installed either with screws or with a sticker (supplied) for inflatable and rigid boats. It is available in 2 sizes: 205x120x20mm and 205x120x10mm

Code	Thickness (mm)	Height (mm)	Width (mm)
11900	20	120	205
11901	10		



BEST VALUE

Hatch Insect Screen

- It is a protection against all kinds of insects while the hatch is open in order to ventilate the cabin
- The range of hatches available in the market is quite big and that's why the hatch insect screen comes in three different dimensions so as to cover most of the available hatches

Code	Dimensions (mm)			Applicable Hatches With maximum dimensions of
	Length	Width	Height	
70983	540	540	350	540x540mm
70984	650	650	420	650x650mm
70985	750	750	515	750x750mm



BEST VALUE

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

Ventilating Sail



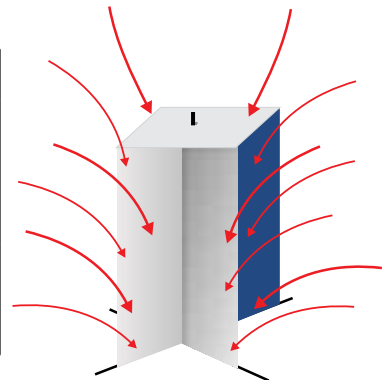
BEST VALUE

Hatch Ventilating System 4D Windtrap

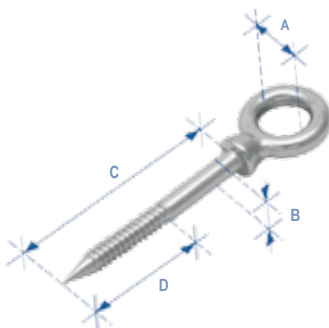
- It provides an easy and efficient way to funnel air into the cabin in order to ventilate it
- It is fastened inside the open hatch and a halyard is used to lift the top.
- The design helps it to collect the outside wind from every direction (4 drive Wind trap) and flow it through the hatch, inside 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	505x375mm, 555x425mm 330x330mm, 365x365mm 475x475mm, 505x375mm Lalizas: 11103 (250x606mm), 10264 (358x606mm), 11101 (460x511mm)
70981	550	550	1260	555x555mm, 525x525mm, 525x425mm, 565x565mm, 675x675mm

4 Drive Windtrap



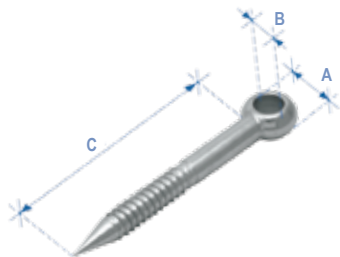
Pad Eyes



Eye woodscrew, Inox 316

Surface*: E.P. - Body: Casting

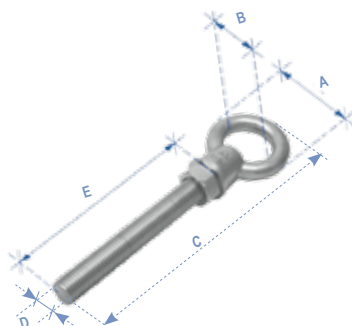
Code	92858	92860	93188	93179	93181	92862	93183	93185	93187
Size (mm)	6x40	6x80	6x100	8x60	8x100	10x80	10x120	12x120	12x160
A (mm)	14			18			27		
B (mm)	6			8			12		
D (mm)	24	48	60	36	60	60	72	72	96
C (mm)	40	80	100	60	100	80	120	120	160



Eye bolt, (lag screw), Inox 316

Surface*: E.P.

Code	96976	97003	97001	92783
Size (mm)	4x45	6x55	8x80	10x80
A (mm)	7,5	14	18	20
B (mm)	4,2	6,2	8,2	10,3
C (mm)	30	40	55	
Body	Forging		Casting	



Bow eye, Inox 316

Surface*: E.P. - Body: Forging - Screw: Casting

Code	91394	91396	91744	96951	91397	91749	91399	91752	91755	96955
Size (mm)	6x40	6x80	6x100	8x38	8x80	10x80	10x100	10x140	12x140	12x180
A (mm)	20,4	20,5		23,8		28,3		32,1		
B (mm)	13,2		13,1	17,1		16,5	16,2	16,5	19,3	19,4
C (mm)	68,6	109,1	128,7	71,1	113,1	116,2	136,8	179,5	180,1	220,2
D (mm)	5,8			7,8		9,8			11,8	11,7
E (mm)	42,2	82,2	101,5	40,6	80	80,3	100,1	141,3	142,3	180,2
T.D.L.*	1000		1100	1300		2600	1700	2600	3400	
R.W.L.*	70		275	325	140	650	230	650	850	

*Recommended working load "R.W.L." is 1/4 of "T.D.L." tested deformation load. (Surface E.P.= Electro polished)

U-Bolts & Cleats



Bollard, Inox 316

Code	70640
Length (mm)	120
Height (mm)	95
Width (mm)	120
Diameter (mm)	60



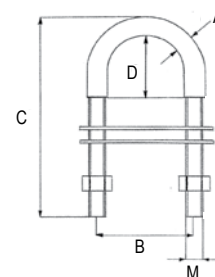
Cleat, Inox 316

Code	93286	93287	70641
M	8	10	12
Length (mm)	150	205	300
Height (mm)	46	60	85



U Bolt, Inox 316, with thread

Code	91364	91365	91366	91367	91368	91369	91370	91371	91372	91373	
Thread	M4	M5	M6	M8			M10		M12		
A (mm)	6,4	7,5	7,3		8,7	9,5	9	10	12,5		
C (mm)	60	80		60	80	105	130	90	130	155	
B (mm)	30	35						50		65	
D (mm)	30		40		30	40	35	40	50		



Rail Hardware



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 diam. 54mm

Code	70607	70608
Diam. (mm)	22	25



Round base, 90°, Inox 316,
base diam. 54mm

Code	70616	70615
Diam. (mm)	22	25



Round base 90°,
Diam. 25mm

Code...95882



Rectangular base
90°, Diam. 25mm

Code...95881



Rectangular base angledholder
60°, Diam. 25mm

Code...95880



T Connection 90°,
Diam. 25mm,
Inox 316

Code...70618



T Connection 60°,
Diam. 25mm,
Inox 316

Code...70617

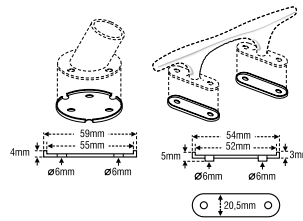
Rail Hardware



BEST VALUE

Plastic Base for metal Support

Designed to be sandwiched between metal supports, such as rails or canopies etc. and the deck in order to protect it from scratches. It is made of highly resistant plastic and it features three openings that channel the water out of the support, thus preventing rust. The plastic base is available in black or white colours and in two sizes.



Code	11469	11470
Shape		
Colour	White	

Locks & Hooks



11905

11906

SeaLock



Marine Padlocks SeaLock

- 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



11134

11135

11136

11137

11138

11139

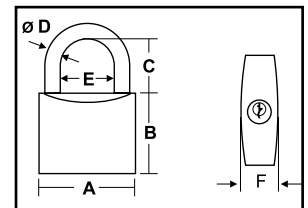
11140

11141

11142

11143

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	11143	11906	11905
B(mm)	24	27	33	40	45	24	27	33	40	27	27	27
C(mm)	14	17	24	28	34	24	24	38	80	17	24	17
D(mm)	4	5	6,5	8	9	4	5	6,5	8	5	5	5
E(mm)	14	15	20	25	32	14	15	20	25	15	15	15
F(mm)	12	13	14,5	16,5	18	12	13	14,5	16,5	13	13	13



Utility Hook 'Store-All', (pack of 2)

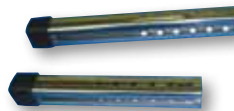
The 'Store All' hook can be used in almost all places on a boat. All you have to do is attach them on a flat surface and use them for lines, clothing, towels, etc.



Code	94126	99231
Colour	White	Graphite

Dimensions
Length: 2,5cm
Height: 7,5cm
Width: 3cm

BEST VALUE



Safety lock for outboard engines, Inox 316

Code	99525	99526
Length (mm)	235	280

Lock for hatches Ø 12 mm

Code.....10274



Hatch fastener, Inox 316

Code	70611
Dimensions (mm)	26x79

Hinges

Locking hasp, L 77mm, W 30mm

Code.....99592

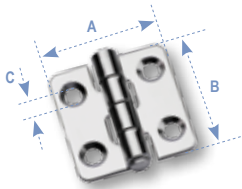


Safety eye hasp 99x25mm

Code.....99591

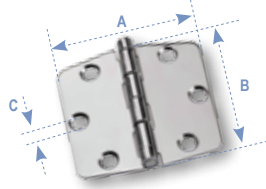


All Lalizas hinges are pressed and mirror polished



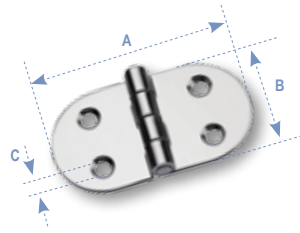
Hinges Inox 316, Right

Code	70652	70654
A (mm)	38,5	48
B (mm)		40
Thickness (mm)	2	
C (mm)	5	



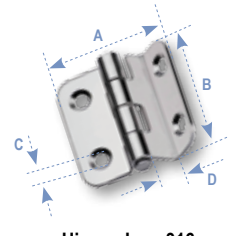
Hinges Inox 316, Right

Code	70655	70656
Length (mm)	74	63
Width (mm)	75	60
Thickness (mm)	2	
C (mm)	5	



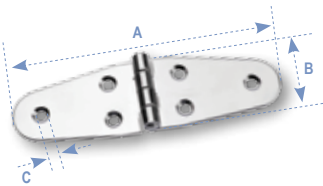
Hinges Inox 316

Code	70648	70650	70649	70651
Description	Reversed		Right	
A (mm)	68	46	68	46
B (mm)	39	30	39	30
Thickness (mm)	2	1,5	2	1,5
C (mm)	5			



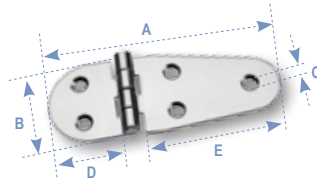
Hinges Inox 316 with angle, Right

Code	70653
A (mm)	38
B (mm)	40
Thickness (mm)	1,5
C (mm)	5
D (mm)	9



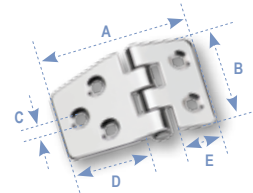
Hinges Inox 316

Code	70657	70659	70658
Description	Right		Reversed
A (mm)	100	135	100
B (mm)	30	40	30
Thickness (mm)	2		
C (mm)	5		



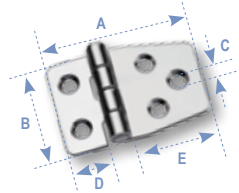
Hinges Inox 316, Right

Code	70660
A (mm)	104
B (mm)	40
Thickness (mm)	2
C (mm)	5
D (mm)	34
E (mm)	62



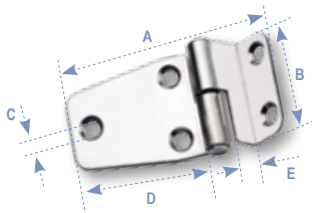
Hinges Inox 316, Reversed

Code	70661
A (mm)	54
B (mm)	38,5
Thickness (mm)	2
C (mm)	5
D (mm)	30,5
E (mm)	14,5



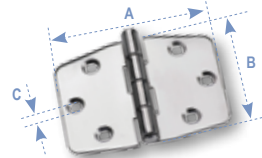
Hinges Inox 316, Right

Code	70662
A (mm)	54
B (mm)	38,5
Thickness (mm)	2
C (mm)	5
D (mm)	30,5
E (mm)	14,5



Hinges Inox 316 with angle, Right

Code	70665
A (mm)	71,5
B (mm)	40
Thickness (mm)	2
C (mm)	5
D (mm)	44,5
E (mm)	10



Hinges Inox 316

Code	70663	70664
Description	Reversed	Right
A (mm)	71	
B (mm)	38,5	
Thickness (mm)	2	
C (mm)	5	

Handrail



Inox 316, Hand rail, Diam. 25mm

Code	97686	97687	97688	97689
Length (mm)	300	500	650	850



Handrail, Inox 316, Diam. 25mm

Code	93508	93509	93510
Length (mm)	300	400	500



Flush lift Ring, stamped, Inox 316

Code	98718
Dimensions (mm)	55,5x65,5



Flush lift Ring, stamped, Inox 316

Code	98719
Dimensions (mm)	75x58

Inox knob for door, L 205mm, H 55mm, M6



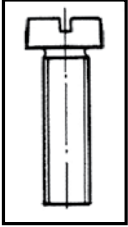
Code...70642

Total Height: 55mm, Base Length: 205mm, Base Width: 40mm, Thickness: 2,5mm

Screws, Nuts & Washers

Screws, nuts, bolts and marine accessories Inox 316, Seaware

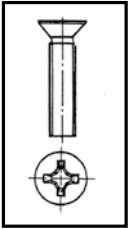
Lalizas presents the Seaware range of screws, nuts, bolts and other accessories, especially designed for the marine industry. Made of stainless steel 316 for great resistance against the marine environment and weather conditions, all products feature top quality, fine surface finishes and high durability for long time use. For your convenience, the Lalizas Seaware screws, nuts and all the marine accessories are available in blister sets for small quantities or in bags for big quantities.



Slotted cheese-head screw Inox 316 DIN 84/ISO 1207

Code	11144	11145	11146	11147	11148	11149	11150	11151	11152	11153	11154	11155	11156	11157
Dimensions(mm)	3x12	3x16	3x20	3x25	3x30	3x40	4x8	4x16	4x20	4x25	4x30	4x40	4x50	5x16
Quantity (pcs)	20	20	20	20	20	10	20	15	15	12	12	8	6	10

Code	11158	11159	11160	11161	11162	11163	11164	11165	11166	11167	11168	11169	11170	11171
Dimensions(mm)	5x20	5x25	5x30	5x40	5x50	5x60	6x20	6x25	6x30	6x35	6x40	6x50	6x60	6x70
Quantity (pcs)	8	8	6	6	5	4	6	5	5	4	3	3	2	2

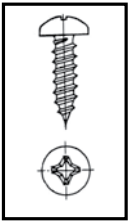


Cross slotted countersunk head screw Inox 316 DIN 965/ISO 7046

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

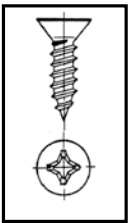
BEST VALUE



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	11232
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	4,2x19
Quantity (pcs)	20	20	20	20	20	20	20	20	20	20	16	20	20	20	15

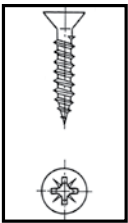
Code	11233	11234	11235	11236	11237	11238	11239	11240	11241	11242	11243	11244	11245	11246	11247	11248
Dimensions(mm)	4,2x25	4,2x32	4,2x38	4,2x50	4,8x16	4,8x19	4,8x25	4,8x32	4,8x38	4,8x50	5,5x19	5,5x25	5,5x32	5,5x38	5,5x50	5,5x60
Quantity (pcs)	15	15	10	8	15	15	12	10	8	7	10	8	7	6	4	4



Slotted head self-tapping countersunk screw Inox 316 DIN 7982/ISO 7050

Code	11249	11250	11251	11252	11253	11254	11255	11256	11257	11258	11259	11260	11261	11262	11263	11264
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	4,2x19	4,2x25
Quantity (pcs)	20	20	20	20	20	20	20	20	20	20	16	20	20	20	20	20

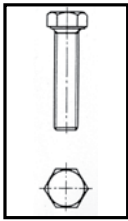
Code	11265	11266	11267	11268	11269	11270	11271	11272	11273	11274	11275	11276	11277	11278
Dimensions(mm)	4,2x32	4,2x38	4,8x16	4,8x19	4,8x25	4,8x32	4,8x38	4,8x50	5,5x19	5,5x25	5,5x32	5,5x38	5,5x50	5,5x60
Quantity (pcs)	15	10	15	15	15	12	10	8	10	8	8	6	4	4



Countersunk recessed-head chipboard screw Inox 316

Code	11308	11309	11310	11311	11312	11313	11314	11315	11316	11317	11318	11319	11320	11321	11322	11323	11324
Dimensions(mm)	3x16	3x20	3x25	3x30	3,5x16	3,5x20	3,5x25	3,5x30	4x20	4x25	4x30	4x35	4x40	4x50	4x60	4,5x30	4,5x35
Quantity (pcs)	30	25	25	20	20	25	20	20	20	16	15	15	15	12	8	12	10

Code	11325	11326	11327	11328	11329	11330	11331	11332
Dimensions(mm)	4,5x40	4,5x50	5x30	5x40	5x50	5x60	5x70	5x80
Quantity (pcs)	10	10	12	8	7	6	6	5

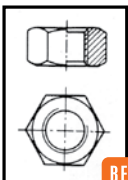


Fully-threaded hexagon head bolt Inox 316 DIN 933/ISO 4017

Code	11333	11334	11335	11336	11337	11338	11339	11340	11341	11342	11343	11344	11345	11346	11347
Dimensions (mm)	4x10	4x20	4x30	5x16	5x20	5x25	5x30	5x40	5x50	6x16	6x20	6x25	6x30	6x35	6x38
Quantity (pcs)	20	15	10	8	8	7	6	5	4	7	5	4	4	4	4

Code	11348	11349	11350	11351	11352	11353	11354	11355	11356	11357	11358	11359
Dimensions (mm)	6x40	6x45	6x50	6x60	8x20	8x30	8x40	8x50	10x30	10x40	10x50	10x60
Quantity (pcs)	4	3	3	2	2	2	2	1	1	1	1	1

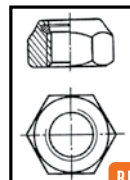
BEST VALUE



Hexagon nut Inox 316 DIN 934/ISO 4032

Code	70170	70171	11362	11363	11364	11365
Dimensions(mm)	M3	M4	M5	M6	M8	M10
Quantity (pcs)	20	20	20	15	8	3

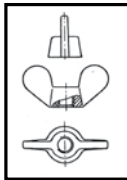
BEST VALUE



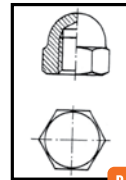
Self-locking nut Inox 316 DIN 985/ISO 10511

Code	11366	11367	11368	11369	11370	11371
Dimensions(mm)	M3	M4	M5	M6	M8	M10
Quantity (pcs)	10	10	10	10	6	3

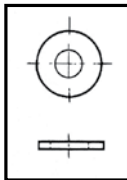
BEST VALUE

**Wing nut Inox 316 DIN 315**

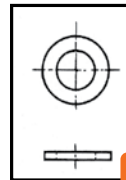
Code	11372	11373	11374	11375	11376	11377
Dimensions(mm)	M3	M4	M5	M6	M8	M10
Quantity (pcs)	7	6	5	5	3	2

**Grommet Nut Inox 316 DIN 1587**

Code	11378	11379	11380	11381	11382	11383
Dimensions(mm)	M3	M4	M5	M6	M8	M10
Quantity (pcs)	8	8	6	5	3	2

BEST VALUE**Wide flat washer Inox 316 DIN 9021/ISO 7093**

Code	11384	11385	11386	11387	11388	11389
Dimensions(mm)	3x9	4x12	5x12	6x19	8x24	10x30
Quantity (pcs)	35	30	25	15	6	4

**Flat washer Inox 316 DIN 125/ISO 7089**

Code	11390	11391	11392	11393	11394	11395
Dimensions(mm)	3.2x7	4.3x9	5.3x10	6.4x12	8.4x16	10.5x20
Quantity (pcs)	50	30	30	20	20	15

BEST VALUE**Flags & Accessories****Belgian Flag**

Code	10902	10903	10905	10908
Dimensions(cm)	20x30	30x45	50x75	100x150

**Dutch Flag**

Code	10965	10966	10968	10971
Dimensions(cm)	20x30	30x45	50x75	100x150

**BEST VALUE****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

**Norwegian Flag**

Code	10972	10973	10975	10978
Dimensions(cm)	20x30	30x45	50x75	100x150

**BEST VALUE****German Flag**

Code	10944	10945	10947	10950
Dimensions(cm)	20x30	30x45	50x75	100x150

**Danish Flag**

Code	10916	10917	10919	10922
Dimensions(cm)	20x30	30x45	50x75	100x150

**Portuguese Flag**

Code	10979	10980	10982	10985
Dimensions(cm)	20x30	30x45	50x75	100x150

**N. Z. Flag**

Code	11028	11029	11031	11034
Dimensions(cm)	20x30	30x45	50x75	100x150

**BEST VALUE****European Flag**

Code	10923	10924	10926	10929
Dimensions(cm)	20x30	30x45	50x75	100x150

**Slovenian Flag**

Code	10986	10987	10989	10992
Dimensions(cm)	20x30	30x45	50x75	100x150

**Turkish Flag**

Code	11007	11008	11010	11013
Dimensions(cm)	20x30	30x45	50x75	100x150

**Finnish Flag**

Code	10930	10931	10933	10936
Dimensions(cm)	20x30	30x45	50x75	100x150

**Spanish Flag**

Code	10993	10994	10996	10999
Dimensions(cm)	20x30	30x45	50x75	100x150

**South African Flag**

Code	11035	11036	11038	11041
Dimensions(cm)	20x30	30x45	50x75	100x150

**BEST VALUE****French Flag**

Code	10937	10938	10940	10943
Dimensions(cm)	20x30	30x45	50x75	100x150

**Swedish Flag**

Code	11000	11001	11003	11006
Dimensions(cm)	20x30	30x45	50x75	100x150

**Italian Flag**

Code	10958	10959	10961	10964
Dimensions(cm)	20x30	30x45	50x75	100x150

**Austrian Flag**

Code	11054	11055
Dimensions(cm)	20x30	30x45

**Maltese Flag**

Code	11058	11059
Dimensions(cm)	20x30	30x45

**U.S.A. Flag**

Code	11062	11063
Dimensions(cm)	20x30	30x45

Flags & Accessories



Swiss Flag

Code	11066	11067
Dimensions(cm)	20x30	30x45



Gibraltar Flag

Code	11070	11071
Dimensions(cm)	23x45	45x90



Isle of Man Flag

Code	11074	11075
Dimensions(cm)	23x45	45x90



Scotland St. Andrew Flag

Code	11078
Dimensions(cm)	23x45



Scottish Lion Flag

Code	11080	11081
Dimensions(cm)	23x45	45x90



Polish Flag

Code	11056	11057
Dimensions(cm)	20x30	30x45



Russian Flag

Code	11060	11061
Dimensions(cm)	20x30	30x45



Irish Flag

Code	11064	11065
Dimensions(cm)	20x30	30x45



Blue Ensign Flag

Code	11068
Dimensions(cm)	23x45



Guernsey Flag

Code	11072	11073
Dimensions(cm)	23x45	45x90



Jersey Flag

Code	11076
Dimensions(cm)	23x45



English 'Union Jack' Flag

Code	11048
Dimensions(cm)	23x45



Australian Flag

Code	11021	11022	11024	11027
Dimensions(cm)	20x30	30x45	50x75	100x150



Red Ensign Flag

Code	11042	11043
Dimensions(cm)	23x45	35x75



St. George Cross Flag

Code	11082	11083
Dimensions(cm)	23x45	45x90



Welsh Flag

Code	11084	11085
Dimensions(cm)	23x45	45x90

BEST VALUE



Pirate's Flag

Code	11520
Dimensions(cm)	30x45



Code	Description	Dimensions
11517	Obligatory Flags for Cat. 3, 4, 5 (France)	30x40cm
11518	Obligatory Flags for Cat. 1, 2 (France)	50x60cm



BEST VALUE



International Marine Code (40* pcs)

Code.....11086

***INCLUDES:**
26 Letter Flags 20x30cm
11 Pennants 43x15cm
3 Substitutes 30x15cm



Mast for flag, Inox 316

Code	Diameter (mm)	Length (mm)
70637	25	800
70638		900
70639		1250



30390

Pole light storing bases

Single and twin clip brackets designed to store pole lights and/or pole for flag.

Code	30380	30381	30390	30391
Bases	2	White	1	White
Colour	Black	White	Black	White



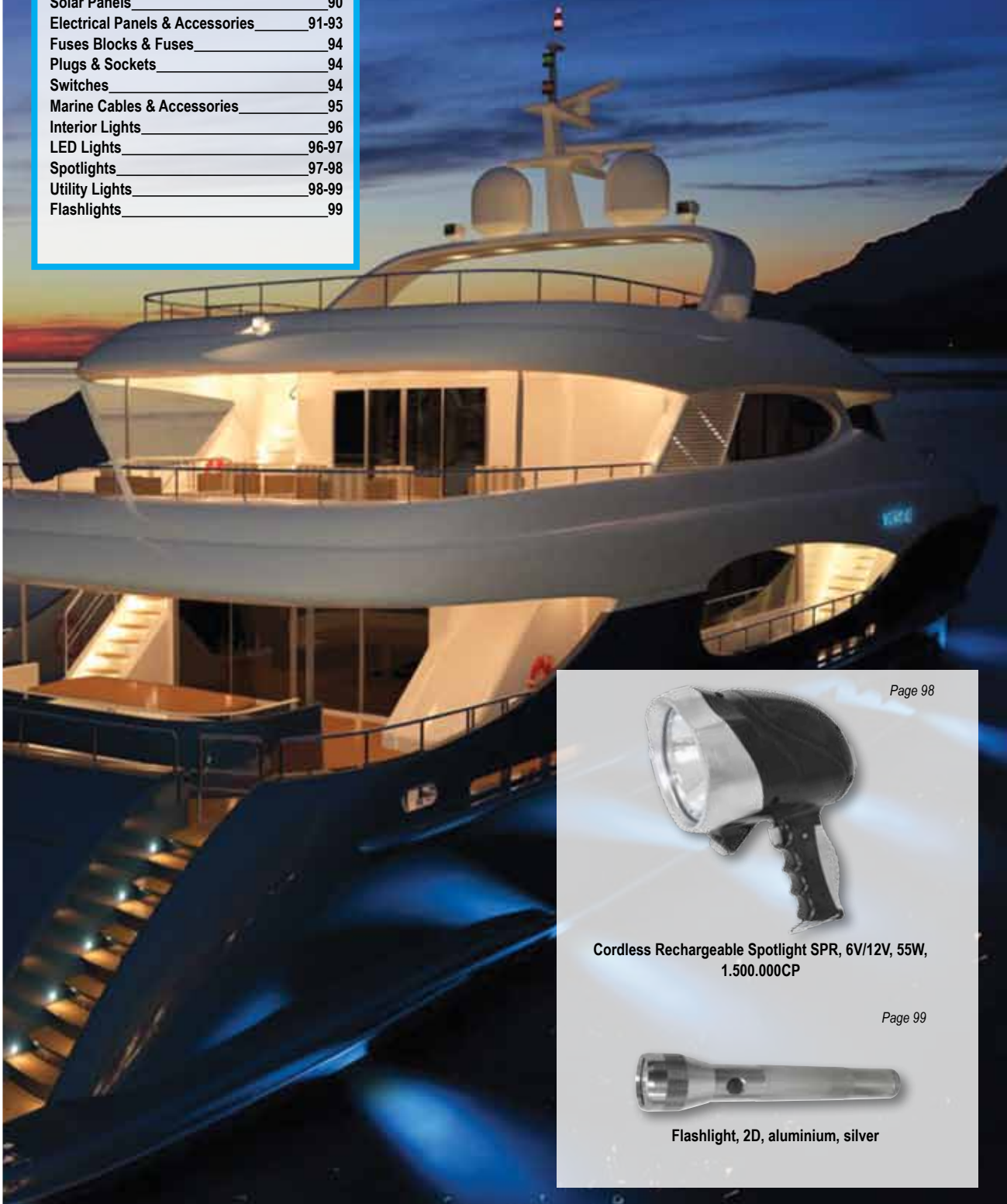
Plug in Pole for Flags

Using the same proven symmetrical locking tube design as our pole lights, the flag base is made of ABS plastic with a 50-100cm pole. The base is reinforced and very durable. Easily removed for rapid storage.

Code	30360	30370	30700	30710
Length (cm)	50	100	50	100
Base colour	Black		White	

Electrical

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**Cordless Rechargeable Spotlight SPR, 6V/12V, 55W,
1.500.000CP**

Page 99



Flashlight, 2D, aluminium, silver



Advisor



Information



New
Product



Best
Quality



Easy
mounting



Battery
Operated



Pre-wired



Competitive
Price



Captain's
Suggestions

ADVISOR

What is a jumpstart?

A Jumpstart is a device, which gives a boost to your battery, when it is dead or too low in charge to start the motor of your boat or car.

What is an air compressor?

An air compressor is a device that pumps a constant flow of air into high-pressure items through a hose (boat fenders, mooring buoys, car tires, etc).

What is an Inflator?

An Inflator is a device, which can inflate and deflate low-pressure items for a long period of time, eg. Water tubes and Inflatable Boats.

Instructions of Use

1. Jumpstart

- i. Before use, make sure that the boat or vehicle to be jumpstarted is switched off
- ii. Attach the red clamp (+) to the positive terminal of the battery. Then connect the black clamp (-) to a non-moving metal part of the engine. Do not connect to the negative battery terminal.
- iii. Switch the boat's ignition to ON position and wait for 1-2 minutes
- iv. Switch the boat to the start position for no more than 5 to 6 sec. If the engine does not start, wait at least 3 minutes before retrying
- v. When the engine starts, switch off the jumpstart and then disconnect the black clamp first and then red clamp
- vi. Return the clamps to their storage position on the jumpstart system
- vii. Recharge the device as soon as possible

2. Air Compressor

- i. When inflating a tire, lock the Hose Connector on the tire valve stem by pressing the lever down. When inflating an air mattress or any other similar item, place the appropriate adaptor into the hose connection.
- ii. Switch on the Air Compressor
- iii. Run the Air Compressor for only 10 minutes at a time, being careful not to over-inflate. If you need to continue inflating, allow 25 minutes to cool down and then switch on again.
- iv. Switch off the Air Compressor when the inflation is completed

3. Inflator

- i. Insert the cigarette lighter plug of the inflator into the cigarette lighter socket of the Jump-

start, which is at the back

- ii. Place on the Inflator the appropriate inflator adaptor depending on the size of the valve you need to connect to inflate/ deflate
- iii. Switch On the Inflator

4. Other appliances

You can use the Sea Power Jumpstart and Air Compressor to power up other appliances, such as mobile phones, spotlights, etc.

The appliances should be equipped with a cigarette lighter plug

- i. Uncover the cigarette lighter socket
- ii. Insert the cigarette lighter plug of the appliance into the socket

5. Recharging

You can recharge the device either with the 12V Adaptor or with the Cigarette Lighter Recharger

- i. Adaptor: Connect the Adaptor to the receptacle on the front panel and then plug it in to a 120VAC outlet. Allow 40 hours to recharge
- ii. Cigarette Lighter Recharger: Connect the plug into the boat's socket. Then connect the other end to the receptacle on the front panel (With this method the system will not recharge to the same 14 to 15 Voltage level as when using the Adaptor)

ATTENTION

In order to use safely, and to make sure your jumpstart lasts, please follow the advice given below and on the device:

1. Use only on boats and vehicles with 12V electrical systems
2. Always read and follow the Assembly and Operations Instructions booklet before using the Sea Power Jumpstart & Air Compressor
3. Turn ignition off before connecting the cables
4. Electric shock can cause injury or death. Avoid touching exposed conductors of electricity
5. Do not allow the Black and Red clamps to come in contact, to avoid risk of a short circuit.
6. Run the compressor continuously only for 10 minutes at a time. Allow cool down for 25 minutes before using again
7. Charge for 12 hours before first use and charge after every use thereafter

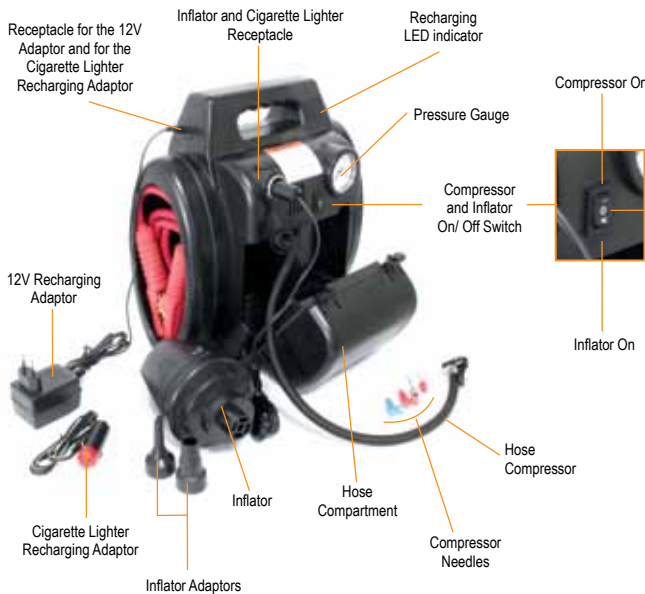
Jumpstart and Air Compressor SP1, Sea Power

With the Sea Power Jumpstart stored in your boat or car, you will never have to worry if your battery is dead. This handy power source is especially designed to instantly start your boat and small craft or give power to electrical devices, such as mobile phones, motors etc. Additionally, the device has a built-in Air compressor and Inflator ideal for you to inflate/ deflate your small boat, your mattress etc. The jumpstart power source is suitable for 12V electrical systems only and it is especially designed to operate even if it is left uncharged for 6 months. Made of high quality materials, it features a safety switch, overload protection and automatic charge cut-off to prevent overcharging. For your convenience, it is equipped with voltmeter, in order to check when the device needs to be charged and also a bright work light. Charging can be accomplished by using the cigarette lighter plug or the 3m adaptor. Especially for the inflation/ deflation function, the Air compressor and Inflator features 3 nozzle adaptors depending on the size of the valve you need to connect to. The Sea Power Jumpstart and Air Compressor is supplied with Operating Instructions and it is available in black.

Technical Specifications

- 12V DC, 400A peak starting power
- 17amp-hours sealed lead acid, rechargeable battery
- Protection: thermostat for 12V DC, light 12V 4W
- Air compressor pressure: 260PSI Max, Ø19mm
- Charger: 15V500MA, length of charger's wire: 1.4m
- Length of direct current charger's wire: 1.4m
- Length of clips wire: 41cm
- 3pcs accessories built-in fluorescent light on front
- On/ Off Switch
- CE & E-Mark Approved

Code.....31400



Features: 260PSI Max air compressor pressure, 12V DC, 400A peak starting power **Battery:** 17amp-hours sealed lead acid, rechargeable, **Protection:** thermostat for 12V DC, light 12V 4W, **Charger:** 15V500MA, **Approval:** CE & E 11



Jumpstart SP2, Sea Power

Technical Specifications

- 12V DC, 400A peak starting power
- 17amp-hours sealed lead acid, rechargeable battery
- Protection: thermostat for 12V DC, 2A current fuse for 3V/6V/9V
- Charger: 15V 500mA, Length of charger's wire: 1.4m
- Length of direct current charger's wire: 1.4m
- Length of clips wire: 41cm
- Built-in fluorescent light on back, light 12V 4W
- LED charging indicators, on/charge/off switch
- CE & E-Mark Approved



Code.....31401

12V Recharging Adaptor

SP2



Cigarette Lighter Recharging Adaptor

Features: 12V DC, 400A peak starting power, **Battery:** 17amp-hours sealed lead acid, rechargeable, **Protection:** thermostat for 12V DC, 2Amp current fuse for 3V/6V/9V, **Charger:** 15V500MA, **Approval:** CE & e 11

Power Inverters

Modified Sine Wave Inverter "Plus" Sea Power

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, especially useful, when shore power is not available. Power Inverters are invaluable for powering for laptops, cell phones and many other appliances. Automatic shutdown provides protection against overload, over temperature and low battery conditions. Includes a cigarette lighter plug. 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 - 15V			
Output Voltage (V)	220 - 230V			
Dimensions (L x B x H cm)	150x105x55	150x105x55	180x105x55	240x150x70
Weighth (Kg)	0,5	0,6	0,74	2,3



31373



31374



31375



31376

Batteries



Blistered Lalizas Alkaline Batteries

Code	31357	31337	31338	31339
Size	AAA	AA	C	D
Packing	4 pcs	4 pcs	2 pcs	2 pcs



31357

31337

31338

31339



Solar Panels, Monocrystalline

- State of the art technology in cell manufacturing and encapsulation results in maximum reliability coupled with minimum maintenance
- High resistance to water, abrasion, hail impact and other environmental factors
- Anodized aluminum alloy frame
- Low iron high transparency temper glass cover
- Designed and manufactured to comply with European and International standards

WARRANTIES & CERTIFICATIONS

Limited warranty on power output
Warranty: 10 years 90% - 20 years 80%

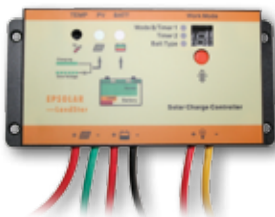
Code	70904	70905	99210	70906	99211	99212	99213	99214
DIMENSIONS & SPECIFICATIONS								
Cell Type	Monocrystalline							
Cell Dimensions (mm)	125x125mm							
Length (mm)	290	290	290	290	541	541	1104	1195
Width (mm)	190	303	429	555	439	682	541	541
Thickness (mm)	18	18	18	18	25	25	35	35
Weight (Kg)	0,7	1,05	1,45	1,8	2,85	4,25	7,76	7,92
ELECTRICAL SPECIFICATIONS								
Maximum Power Rating (W)	5	10	15	20	30	50	75	100
Tolerance of the rated output power	0% - 3%							
Short circuit current (A)	0,32	0,65	0,97	1,29	1,94	3,23	4,6	6,46
Open circuit current (V)	21,5	21,5	21,5	21,5	21,5	21,5	21,5	21,5
Rated Voltage (V)	21,5	21,5	21,5	21,5	21,5	21,5	21,5	21,5
Rated Current (A)	0,29	0,57	0,86	1,14	1,71	2,86	4,29	5,71
Maximum permitted system voltage (V)	12							

Solar Panels Use

Code	Watt	Use
70904	5	Ideal for the maintenance and / or charge of small batteries (mobile, laptop e.t.c). It can also be used for trickle charge (maintenance) of the batteries so as to be ready for use at all times.
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 winterizing.
70906	20	Ideal solution for the maintenance and charge 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, e.t.c.
99213	75	
99213	75	Suitable for charging big capacity batteries 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, e.t.c.
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



Code.....90287

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 2.5mm² 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, e.t.c
- Weight: 250gr
- Dimensions: 140x70mm

General Characteristics

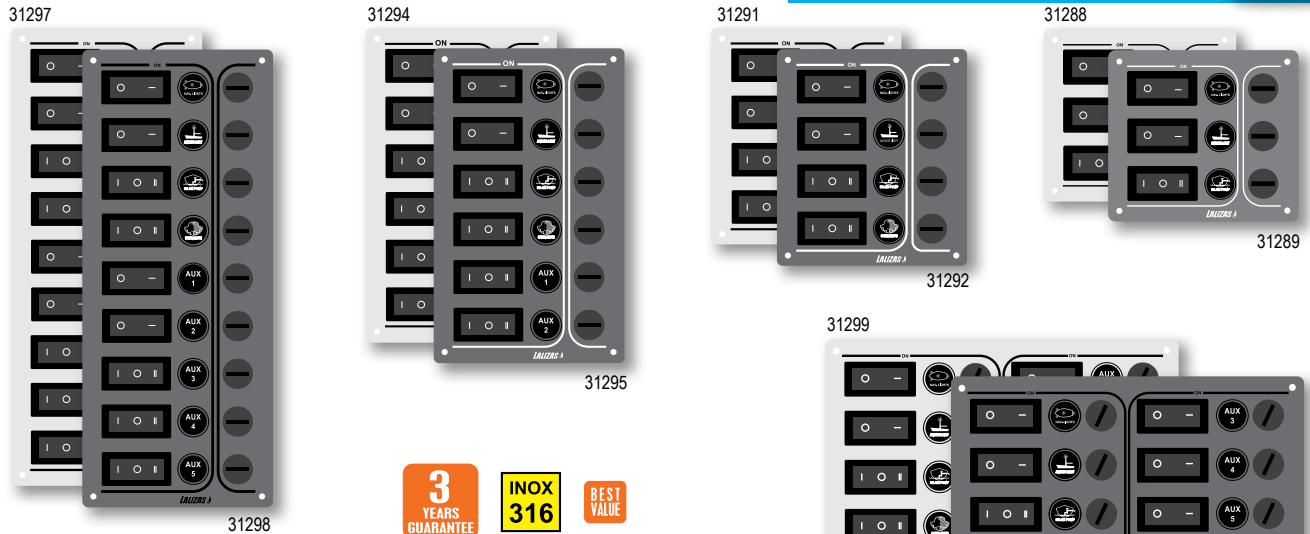
- Automatic Lighting control function
- Ideal for areas with increased humidity, such as boats, outdoor pathway lighting, parking areas e.t.c
- Suitable for 12/24V lamps
- Selection of the battery type (Sealed & Gel)
- Waterproof (IP67)
- 100% Protection against humidity

“SP Ultra” Switch Panels

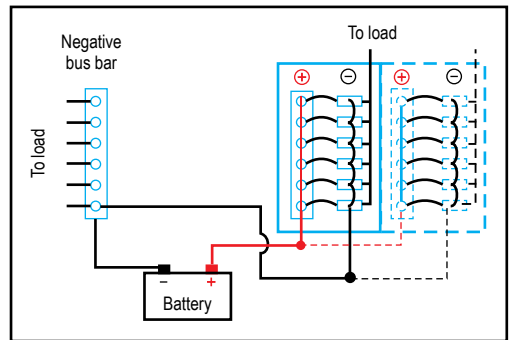
Lalizas Switch Panels “SP Ultra” have been especially designed for use on small and medium sized boats. They allow you to control any desired device, such as bilge pumps, navigation or cabin lights etc, at the touch of a button. They feature waterproof switches, for the protection against water and indication light for ease of use. Switch Panels “SP Ultra” are 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, natural & charcoal.

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
- All Lalizas “SP Ultra” Switch Panels have three years guarantee



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



Pump Switch

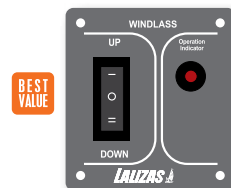
Lalizas Pump Switch allows you to operate your boat’s bilge pump automatically, manually or even switch it off. It is water resistant, with indication light so that you know when the device is operating. The Lalizas Pump switch is made of Inox 316 for durability and lifetime protection against corrosion. It is available in charcoal colour.



Features

- Auto-Off-Manual switch
- For use only in 12/24V. Maximum load per switch 15A
- Coated with electrostatic paint
- Completely wired and ready to install
- Two years Warranty

Code	Function	Dimensions (cm)		Colour	Voltage (V)
		Height	Width		
31301	Auto-Off-Manual	7	6,5	Charcoal	12-24



Panel mount windlass switch 2”x3”, 15A

Features

- MON-OFF-MON switch
- For use only in 12/24V. Maximum load per switch 15A
- Coated with electrostatic paint
- Completely wired and ready to install

Code	Function	Dimensions (cm)		Colour	Voltage (V)
		Height	Width		
99693	MON-OFF-MON	7	6,5	Black	12-24



BEST VALUE



BEST VALUE

Switch Panels "SP Economy"

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. Switch Panels "SP Economy" are made of Inox 316 for durability and resistance to corrosion. They are available with 3 and 6 Toggle switches.

Switch Panel, 5 waterproof switches & autom. fuses, 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

Electrical



Fuse holder, w/ fuse, 10A, 250V
Code.... 70959



Toggle Switch ON-OFF 2 Position
Code... 01888



Toggle Switch ON-OFF-ON 3 Position
Code... 01889



Toggle Switch MON-OFF-MON 3 Position
Code... 01890



Automatic thermal fuse, 10A
code... 31395



Switch key for switch panels ON-OFF
Code... 31391



Switch panel key w/ manual on & auto off MON-OFF
Code... 70588



Switch Key, ON-OFF-ON, 12V/24V
Code.... 70956

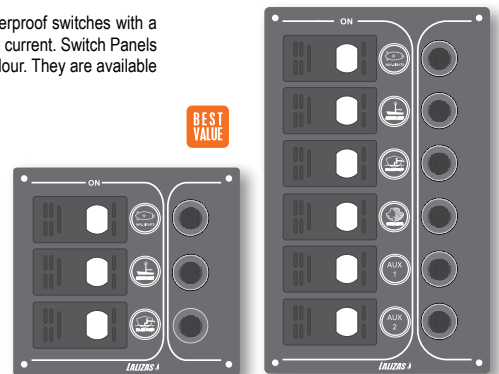


Switch Key, ON-OFF-MON, 12V/24V
Code.... 70957

Switch Panels "SP Offshore"

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. Switch Panels "SP Offshore" are made of Inox 316 for durability and resistance to corrosion and they are electrostatic painted in charcoal colour. They are 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



BEST VALUE



BEST VALUE

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

BEST VALUE



Automatic thermal fuse, 10A
Code... 31395

BEST VALUE



Self-adhesive transparent function labels for 99726, 99728-30 - 25pcs Set

Code... 71208



Self-adhesive function labels for switch panels - set of 24pcs

These labels are ideal for use with the Lalizas Switch panels. They are very simple to mount, easy to read and they are made to withstand long-term use. Each set includes 24 labels.

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.

Code.....11497



Switch Panel Base, with switch & fuse

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 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 load 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 and in black colour.

Additional features:

- ON-OFF switches
- For use only in 12/24V DC
- Maximum load 10A
- Completely wired and ready to install



BEST VALUE

Code	Colour	Switches	Voltage (V)
70578	Black	3 ON-OFF	12/24



BEST VALUE

Switch Panel Frame

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 gives you the option to have three six or nine switches in line. They are available in black colour.

Code	70581	70584	70587
Description	Single	Double	Triple
Colour	Black		
Length	9,5cm	18,5cm	27cm
Width	10cm		



Watch the video on our channel

<http://www.youtube.com/LalizasSA>



BEST VALUE

Switch key for switch panels ON-OFF

Code... 31391



BEST VALUE

Switch panel key w/ manual on & auto off MON-OFF

Code... 70588

Function labels for switch panels (24pcs)

code... 70589

Switch Panel with Conventional switches

"LPS 4" has been designed for the control of various electrical items on a boat from one position. It is a four-switch panel, available in four combinations of switches (ON-OFF, ON-OFF-ON, MON-OFF-MON) and can be combined with more panels of the same kind to cover many applications. LED lights, resettable PTC fuses are important features.

Additional features

- Durable UV - water and salt resistant switches - protected by high-quality neoprene rubber boots
- Solid state re-settable PTC fuses - LED lights
- Covered bolts and screws - available in black colour

Code	Description	Colour	Switches	Fuses	Size in cm			Voltage (V)
					Height	Width	Thickness	
31180	"LPS-401"	Black	ON-OFF	Polyfuse	10	10	1	12
			ON-OFF					
			ON-OFF					
31182	"LPS-402"	Black	MON-OFF-MON					
			ON-OFF-ON					
			ON-OFF-ON					
31184	"LPS-403"	Black	MON-OFF-MON					
			ON-OFF-ON					
			ON-OFF-ON					
31186	"LPS-404"	Black	MON-OFF-MON					
			ON-OFF-ON					
			ON-OFF					



Toggle Switch ON-OFF

2 Position
Code.... 01888

BEST VALUE



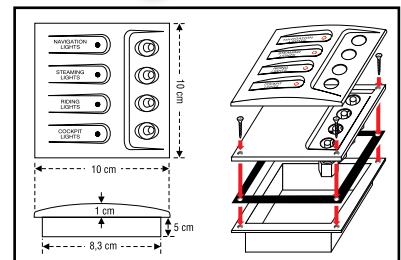
Toggle Switch ON-OFF-ON

3 Position
Code.... 01889



Toggle Switch MON-OFF-MON

3 Position
Code.... 01890



Fuses Blocks & Fuses

BEST VALUE



Automatic thermal switch, 10A
Code... 31395

BEST VALUE



Fuse holder, w/ fuse, 10A, 250V
Code.... 70959

BEST VALUE



Fuse for switches

Code	71005	71006
Amps	10	15

Plugs & Sockets

Marine Plug and Socket Set 12V

The Marine Plug and Socket Set is ideal for all devices that require electrical power to operate, such as mobile phones, flashlights etc. Made of a corrosion proof Nylon material, it is equipped with a built-in 10A fuse and a luminous LED power indicator light. The Lalizas Plug and Socket set 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.

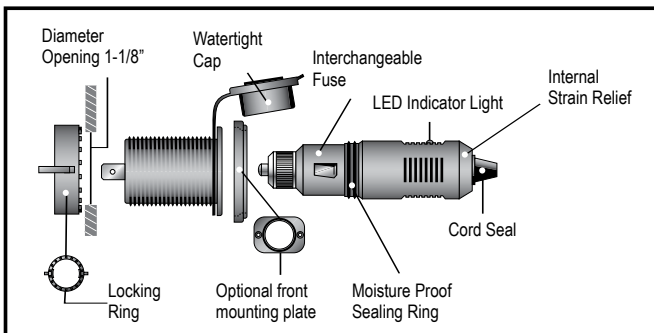
Code..... 31306



Marine Plug, 12V / 10A
Code..... 31350



Marine Terminal Socket, 12V / 10A
Code..... 31307



Triple 12V/24V Outlet Supply, Sea Power

The SeaPower Triple Deck Cable Connector will operate in both 12V and 24V voltages. It is ideal when 3 electrical devices need to be used simultaneously. All the metal parts, including the screws, are made of stainless steel, which makes the connector ideal for the marine environment.



Code.....31353



Plug, male, 16A, 220-240V, blue
Code... 90394



Plug, female, w/ cover, 16A, 220-240V, blue
Code... 90395



Plug, female, w/ safety cover, 16A, 220-240V, blue
Code... 90396



Plug, male, w/ safety ring, 16A, 220-240V, blue
Code... 90397



Cord Set w/ female plug 16A & Schuko Connector 16A, 220-240V, 4.5m cable, blue
Code... 90398

Switches

BEST VALUE



Switch key for switch panels ON-OFF
Code... 31391

BEST VALUE



Switch panel key w/ manual on & auto off MON-OFF
Code... 70588

BEST VALUE



Switch Key, ON-OFF-ON, 12V/24V
Code.... 70956

BEST VALUE



Switch Key, ON-OFF-MON, 12V/24V
Code..... 70957

BEST VALUE



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

BEST VALUE



Toggle Switch ON-OFF 2 Position
Code... 01888

BEST VALUE



Toggle Switch ON-OFF-ON 3 Position
Code... 01889

BEST VALUE

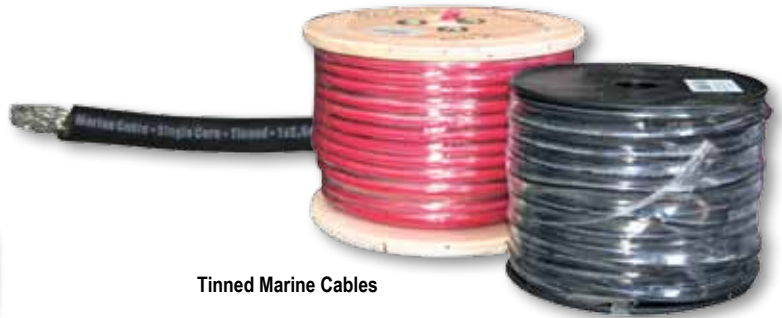


Toggle Switch MON-OFF-MON 3 Position
Code... 01890

BEST VALUE



Toggle Switch, ON-OFF-MON, 12V/24V
Code.... 70958



Code	Description	Sectional Area (mm ²)	Temperature (°C)	Overall Diameter (mm)	Meters per / Reel	Uses	
70351	Marine Cable, Single core, Tinned, 1x1,5mm ² , black	1,5	≤ 105	3	100	Indoor & Outdoor Lighting / Navigation Lights	
70352	Marine Cable, Single core, Tinned, 1x1,5mm ² , red	1,5		3	100		
70353	Marine Cable, Single core, Tinned, 1x2,5mm ² , black	2,5		3,6	100		
70354	Marine Cable, Single core, Tinned, 1x2,5mm ² , red	2,5		3,6	100	Medium Load Appliances / e.g Refrigerator	
70355	Marine Cable, Single core, Tinned, 1x6mm ² , black	6		4,8	100		
70356	Marine Cable, Single core, Tinned, 1x6mm ² , red	6		4,8	100		
70357	Marine Cable, Single core, Tinned, 1x10mm ² , black	10		9	50		
70358	Marine Cable, Single core, Tinned, 1x10mm ² , red	10		9	50		
70359	Marine Cable, Single core, Tinned, 1x16mm ² , black	16		10,5	50		
70360	Marine Cable, Single core, Tinned, 1x16mm ² , red	16		10,5	50	Battery connections / Anchor Winch Supply	
70361	Marine Cable, Single core, Tinned, 1x25mm ² , black	25		12,5	50		
70362	Marine Cable, Single core, Tinned, 1x25mm ² , red	25		12,5	50		
70363	Marine Cable, Single core, Tinned, 1x35mm ² , black	35		13,5	50		
70364	Marine Cable, Single core, Tinned, 1x35mm ² , red	35		13,5	50		
70365	Marine Cable, Single core, Tinned, 1x50mm ² , black	50		15,5	30		
70366	Marine Cable, Single core, Tinned, 1x50mm ² , red	50		15,5	30		
70367	Marine Cable, Single core, Tinned, 1x70mm ² , black	70		17,5	30		
70368	Marine Cable, Twin core, two core, Tinned 2x1,5mm ² , black	1,5		8,5	100		Small loads / e.g. Lighting, small bilge pumps
70369	Marine Cable, Twin core, Tinned 2x2,5mm ² , black	2,5		10	100		



Code	Colour	Diameter (mm)	For wire (mm ²)	Packing (pcs)
70465	Red	4,3	0,25 - 1,15	50
70466		5,3		40
70467	Blue	4,3	1 - 2,5	40
70468		5,3		35
70469	Yellow	6,4	2,5 - 6	25
70470		5,3		15
70471		6,4		15



Code	Colour	For wire (mm ²)	Packing (pcs)
70489	Red	0,25 - 1,15	30
70490	Blue	1 - 2,5	25
70491	Yellow	2,5 - 6	13

Multi - Stack Connector

Code	Colour	For wire (mm ²)	Packing (pcs)
71240	Red	0,25 - 1,15	20
70484	Blue	1 - 2,5	20



Code	Colour	For wire (mm ²)	Packing (pcs)
70481	Red	0,25 - 1,15	20
70482	Blue	1 - 2,5	20
70483	Yellow	2,5 - 6	15



Code	Colour	Diameter (mm)	For wire (mm ²)	Packing (pcs)
70485	Red	4,3	0,25 - 1,15	50
70486	Blue	4,3	1 - 2,5	40
70487		5,3		35
70488	Yellow	5,3	2,5 - 6	20



Code	Colour	For wire (mm ²)	Packing (pcs)
70475	Red	0,25 - 1,15	65
70476	Blue	1 - 2,5	45
70477	Yellow	2,5 - 6	25



Code	Colour	For wire (mm ²)	Packing (pcs)
70492	Red	0,25 - 1,15	20
70493	Blue	1 - 2,5	20
70494	Yellow	2,5 - 6	15



Code	Colour	For wire (mm ²)	Packing (pcs)
70472	Red	0,25 - 1,15	40
70473	Blue	1 - 2,5	35
70474	Yellow	2,5 - 6	15



Code	Colour	For wire (mm ²)	Packing (pcs)
70478	Red	0,25 - 1,15	55
70479	Blue	1 - 2,5	45
70480	Yellow	2,5 - 6	25



Code	Colour	For wire (mm ²)	Packing (pcs)
70495	Red	0,25 - 1,15	50
70496	Blue	1 - 2,5	45
70497	Yellow	2,5 - 6	25

Interior Lights

BEST VALUE



Dome light plastic 3 position switch, 12V, 6W bulb, 14 x 3,7cm

Plastic dome light especially designed for exterior / interior environment. Contains a 6W bulb and a 3 position switch available in 3 combinations ON for usual light / OFF / ON for the night-light (red). Code.....99672

Dome light



Code	Diam. (mm)	Base	Voltage (V)	Watt	Bulb Colour
99052	110	Stainless Steel	12	15	White
99539	140	Brass Chromed			
99541	170	Stainless Steel			
99542	170	Brass Chromed	25	White/Red	
98709		Stainless Steel			



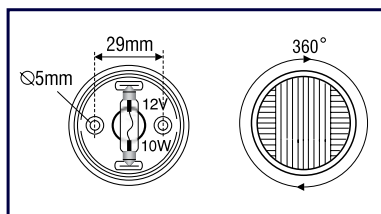
Fixed Spreader Light

30068



30078

Code	30068	30078
Housing	Black	White



Blister Bulb
12V/10W,
SV8.5-8, C8I, 39mm
Code.....30610



Bulb 12V/10W,
SV8.5-8, C8I, 39mm
Code.....00568



Bulb 12V, LED, T11 39mm,
cool white - 2x4 LEDs 360°
Code.....71227



ADVISOR

In addition to Navigation and Signal lights, internal and external lights are ideal for lighting various areas of your boat. They are used for deck lighting, cabin and berth lights. LED lights are also available in red for chart tables and safety lighting at night. Lalizas offers two lights for such purposes, the LED and the Interior / Exterior Lights. The LED light is fitted with 4 small LED bulbs, while the Interior/ Exterior light uses a 10W festoon bulb. Both lights operate at 12V. Easy to fit, both models are made of UV resistant ABS polycarbonate for durability and long life and are available in various cover colours to harmonise with your boat.

Mounting: Lalizas Interior and Exterior Lights are simple to fit to your boat by following these basic instructions:

1. Cut the correct size hole and drill pilot holes to the screws
2. Connect the electrical cables (See fig 1)
3. Fasten the light to the bulkhead, using the three fixing screws (See fig 2)
4. Finally, snap on the outer cover of the light (See fig 3)

Maintenance / Replacement: Interior and Exterior lights need no special maintenance. In case the lights do not operate check the bulb and connections to the main circuit. Replace the bulb if necessary.



Interior / Exterior Lights

These lights are designed for use in both the internal and external areas of your boat. The waterproof housing is made of tough, UV resistant Nylon, the lens is polycarbonate. These lights give a strong white light by means of a 12V/5W bulb, which is easily replaceable. The installation is simple, as they are pre-wired. Lalizas Interior / Exterior Lights are available in four colours black, white, chrome and brass, so that you can choose the one most suitable for your boat.



31113



31123

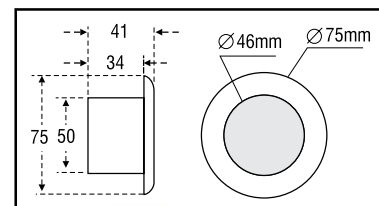


31133



31143

Code	31113	31123	31133	31143
Housing	White	Black	Chrome	Bronze



Bulb 12V/5W,
SB8.5-8, C8I, 39 mm
Code.....01726



Bulb 12V, LED, T11 41mm,
cool white - 4 LEDs
Code.....71234

LED Lights

Led Lights

Lalizas have designed a range of water resistant LED lights suitable for interior and exterior use - cockpit, emergency, illumination, cabinet, map reading, etc. They are made of ABS Polycarbonate PC and they feature four LED bulbs. They are available in two light versions (white and red) and they come in four different cover options (white, black, chrome and brass). **Material:** ABS-Polycarbonate PC impact resistant-sunlight UV protected **Source of light:** 4 LEDs (red or white) **Installation:** prewired, including 120 mm connection lead **Protection System:** IP 67 to DIN 40060 **Operating Voltage:** 12V **Luminous intensity:** 4 cd **Power Consumption:** 35mA.



30722



30723



30732



30733



30742



30743

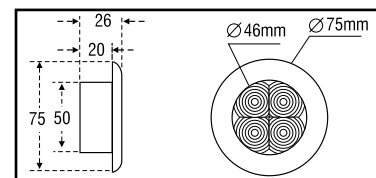


30752



30753

Code	30722	30723	30732	30733	30742	30743	30752	30753
LED	Red	White	Red	White	Red	White	Red	White
Housing	White		Black		Chrome		Brass	





Dome Light, LED, with movement & light sensor, 4AA

Material: ABS
Bulb Type: 6 LED
Batteries: 4AA
Automatically Activated by an Infrared Sensor
Code....70016



Dome Light LED

Code	LEDs	Voltage (V)	Colour	Dimensions (mm)
70672	6	12 & 24	White	75 x 18
70673			Chrome	
70674	54	12	White	143 x 38
70675			Chrome	
70676		24		



Wireless Mini Dome Light Push On-Off, LED, Sea Power

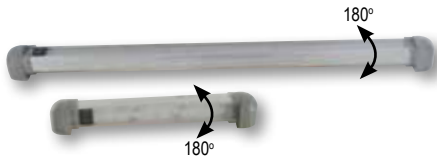
The Sea Power Mini Dome Light is ideal for boats, automobiles, homes, workshops, etc. This Wireless Light can be easily turned ON or OFF by pressing the middle. It is available in silver, with white LED Light and it has been approved according to CE standards. **Material:** PS, Polystyrene, **Product Size:** Diam. Approx. 7cm. Powered by 3x Micro LR 3 AAA batteries (batteries are not included).

Code.....31408



Stripe Light, LED, white (2 pcs)

Code	LEDs	Length (cm)
70680	6	15
70681	15	40



Swivel lamp, LED, 12V & 24V

Code	LEDs	Colour	Dimensions (mm)
70684	9	Chrome	225 x 35 x 33
70685	30		470 x 35 x 33



Exterior Light, LED, 12V & 24V

Code	LEDs	Colour	Dimensions (mm)
70682	3	White	90 x 32 x 20
70683		Chrome	



They are waterproof!!!

Dome Light / Trailer Light, 2 LEDs, 12V & 24V, black (2 pcs)

15 lumen, Dimensions: 77x36x21mm
Code.....71237



They are waterproof!!!

Dome Light / Trailer Light, 12 LEDs, 12V & 24V, black (2 pcs)

90 lumen, Dimensions: 104x60x26mm
Code.....71235



Dome Light / Trailer Light, 25 LEDs, 12V & 24V, black

187,5 lumen, Dimensions: 200x58x30mm
Code.....71236



LED Bulb, green, multiuse 10-28V DC
Code... 31386



LED Bulb, red, multiuse 10-28V DC
Code... 31387

Spotlights



Spotlight, 54 LEDs

Code	Voltage (V)	Dimensions (cm)	Colour
70677	12	125x125x38	Black
70678	24		White
70679			White





Code.... 31402

Cordless Rechargeable Spotlight SPR, 6V/12V, 55W, 1.500.000CP

This is a powerful spotlight that will help you illuminate large areas with its 1,500,000cd high intensity beam and 55W power. It can be operated on the included rechargeable battery or could be connected to an outlet for continuous use. Its sealed lead-acid batteries can be fully charged in 4 hours (DC current). The handle features a built-in switch and lock button for continuous operation or to avoid any accidental activation. It also has a small LED light with switch.

Features: 6V/12V 55Watt, 1.500.000CP, **Power Source:** AC adapter and cigarette plug charger, **Waterproof:** water resistant, **Battery:** 6V 4Ah sealed lead acid, **Approval:** CE



Code.... 31412

Rechargeable Spotlight, 700.000CP, 6V/12V, 35W

This Rechargeable Spotlight SPR is ideal for marine, camping or for any other outdoor use. It has 700,000 candlelight capacity and 35 Watt power. It can be operated on the included 12V rechargeable battery or could be connected to a 12V outlet for continuous use. Its sealed lead-acid battery can be fully charged in 4 hours (DC current). There is a locking trigger switch that enables the following positions Lock ON/ OFF, Push ON/ OFF.

Beam Strength: 700.000CP; **Power Source:** 6V/12V, 35W; **Battery Type:** 6V 4Ah (sealed lead acid battery); **Bulb Fitting:** 35W halogen bulb; **Accessories included:** AC adapter and cigarette plug charging



Code..... 31309

Portable Halogen Spotlight Sea Power

The Portable Spotlight Sea Power is ideal for use on boats, camping and generally in all areas and at all times that you need a powerful light. It features a rugged impact resistant housing made of robust ABS plastic material made to last in the marine environment. Equipped with an on-off switch on the handle for one-handed operation, the spotlight is very easy to use. It also features a coiled cable, which can be extended up to 2.8m and a universal cigarette lighter plug. The Portable Spotlight Sea Power is equipped with a 12V, 5A, 100W halogen bulb and a lens 127mm wide.



Utility Lights



Utility Light Sea Power 12V / 10W

The Utility Light Sea Power is a simple solution to lighting your work area, cabin, the chart area on the boat, in the car or even in the camping site. Featuring a 12V/10W bulb, a reflector and a hook making it very easy to use. The Utility Light Sea Power is made of highly resistant plastic and is equipped with 4m cable and a cigarette lighter plug.

Code..... 71814



Fluorescent Worklight Sea Power 12V / 8W

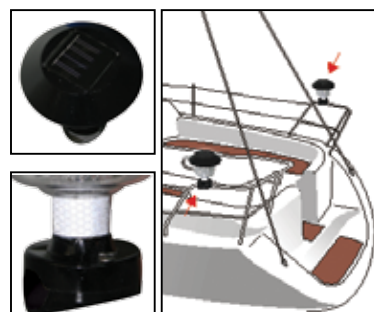
The Fluorescent Worklight is a must-have in your boat, car or camping site. It features a robust construction with plastic, resistant to spray and able to withstand temperatures from 10°C to 45°C. It is equipped with a 12V/8W fluorescent tube and it operates either by connecting it to the battery or to the cigarette lighter socket. With a 4.5m long cable, a hook and an upright supporting stand, the Fluorescent Worklight Sea Power can be used in almost all areas.

Code..... 71813



BEST VALUE

Code.....70988



Rail Solar Light

- Plastic Case
- It has a rechargeable battery
- Suitable for 19.1mm-25.4mm boat rails
- The rails support is not detachable
- One Super Bright white LED
- 9000 – 14000mcd luminosity and current 40mA
- The solar panel consists of 4pcs of monocrystalline cells (epoxy sealed)
- Operating time more than 7 hours

Flashlights

* Batteries not included



Flashlight, 2D, aluminium, silver

Material: Aluminum
 Bulb Type: 6 LED & 1 Krypton / Xenon Bulb
 Working Hours: 20 hours of continuous use
 Lifetime of the LED: 100,000hrs
 Batteries: 2D
 Waterproof
 Shock resistant
 Code...70011

Flashlight, 3D, aluminium, silver

Material: Aluminum
 Bulb Type: 6 LED & 1 Krypton / Xenon Bulb
 Working Hours: Over 20 hours of continuous use
 Lifetime of the LED: 100,000hrs
 Batteries: 3D
 Waterproof
 Shock resistant
 Code...70009



Code.....70013

Flashlight, 4LEDs, 2AA

Material: Rubber
 Bulb Type: 4 LED
 Voltage: DC 3.0Vlt
 Batteries: 2AA
 Waterproof



Code.....70012

Flashlight, 5LEDs, 4AA

Material: ABS
 Bulb Type: 5 LED
 Light Beam: 20m
 Batteries: 4AA
 Waterproof
 Suitable for diving



Code.....70015

Lantern, LED, 4AA

Material: ABS & PVC
 Bulb Type: 8 LED
 Life time of the LED: 80,000h
 Working Modes: 4LED/8LED
 Batteries: 4AA



Caplight, LED, 2 x CR2032

Material: ABS
 Bulb Type: 5 LED
 Life time of the LED: 100,000hrs
 Working Modes: 1LED/3LED/5LED
 Batteries: 2xCR2032 (Lithium)
 Code.....70014



Headlamp, LED, 3AAA

Material: ABS
 Bulb type: 8 LED
 Batteries: 3AAA
 Three working modes: 2LED / 4LED / 8LED / OFF
 Waterproof Level: IP44
 Diameter: 68mm
 Size: 30x77mm
 Weight: 95.3gr

Code.....31371

Anchoring & Docking

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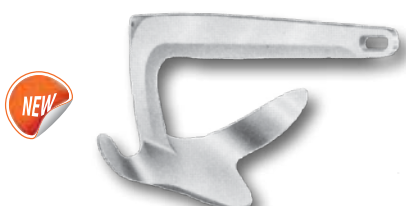
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CabQ
by LALIZAS

Ops Purpose Rope



LALIZAS Fender Covers



Anchor, Bruce type, Inox 316

Code	Weight (Kg)
92246	2
92247	3
92248	5
92249	7,5
92250	10
92251	15
92252	20



Anchor hot dip galvanized, Bruce type

Code	Weight (Kg)
92240	2
99207	3,5
92241	5
92242	7,5
92243	10
92244	15
92245	20



Anchor Delta stainless steel

Code	Weight (kg)	For Max Boat Length (ft)
99425	6	22
99426	8	30
99427	10	35
99428	15	40
99429	20	50
99430	30	65

Anchor Delta galvanized

Code	Weight (kg)	For Max Boat Length (ft)
99476	6	25
99478	8	30
99479	10	35
99480	15	40
99481	20	50
99482	30	65



Plough anchor, CQR type, Inox 316

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

Plough anchor, hot dip galvanized, CQR type

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



Anchor hot dip galvanized, Danforth type

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



Folding anchor, hot dip galvanized

Code	Weight (Kg)
92276	0,7
92277	1,5
92278	2,5
92279	3,2
92280	4
92281	6
92282	8
92283	10
92284	1
92285	15

Folding anchor, Inox 316

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



Grapnel anchor, galvanized

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



Grapnel anchor, Inox 304

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



Hall Type C Anchor, hot dipped galvanized

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

Anchor Rollers



Stemhead, Inox 304

Code	99638
Length (mm)	165
Width (mm)	50
Diameter (mm)	64

BEST VALUE



Roller for stemhead 99638, black

Code	11907
Length (mm)	42
roller diam. (mm)	64
Material	PP & UV

BEST VALUE



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



Bow roller w/ anchor block, Inox 316

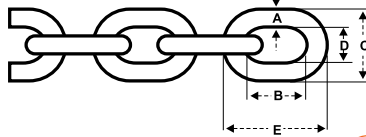
Code	70612
Length (mm)	240
Width (mm)	100
For chain (mm)	6-8
For anchor (kg)	up to 10

Anchor Chains



Hot dip galvanized chain DIN 766, Calibrated, Pack

Code	71170	71171	71172	71173	71174	71175	71176	71177	71178	71179
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			2,28		3,23
Breaking load (kg)		1632			3265			5102		7387
Pack (m)	10	30	50	10	30	50	10	30	50	50



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
Weight / m (kg)	775	1500	3100	5300
Breaking load (kg)	0,5	1	2,05	3,45

NEW

Hot dip galvanized chain, DIN 766, calibrated

Code	95617	95619	97710	97711
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	2,28	3,23
Breaking load (kg)	1,632	3,265	5,102	7,387

Chain, Inox 316, DIN 766, calibrated

Code	98042	98043	98044	98045	95637	97703
A (mm)	2	3	4	5	6	8
B (mm)	12	15		20	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

Thimbles

Pre-cut

BEST VALUE



Thimble

Made of Nylon, they are lightweight and highly resistant to strain and wear. They are available in eight sizes from 8mm to 22mm diameter.

Code	95779	95780
For rope (mm)	20	22
Colour	White	
Packing (pcs)	1	

Ropes for General Use



Cabolo
BY LALIZAS

Ops Purpose Rope

Made from polyester, very soft and ideal for multiple uses on the boat. It can be used on fenders and sea anchors.

NEW

Code	Diam. (mm)	Length (m)	Breaking Load (kg)
92036	4	200	98
92037	5		146
92038	6		198
92039	8		320
92040	10		560
92041	12		760
92042	14	100	1020
92043	16		1460



Anchor Rope 3 strand double twisted, polyester, 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



Sold by the reel



Anchor Rope 3 strand double twisted, polyester, 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

Code	Diameter (mm)	Length (m)	Strength (Kg)
92350	26	100	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

Shock Absorbing Mooring Lines

These Lalizas Polyester Mooring Lines are integrated with industrial rubber filaments which permit high elasticity in absorbing shocks from wind and 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 available in high quality and practical packing.



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



Anchor Line 3 strand double twisted with loop & thimble, polyester

Code	Diameter (mm)	Length (m)	Strength (Kg)	Boat Length (m)	Colour
90826	10	20	1590	>8	White
90839	14	7	3180	11-13	
90864	10	20	1430	>8	Black
90867	14	7	2860	11-13	

Dock Lines



Fender Line double braided with loop, polyester, black

Code	Diameter (mm)	Length (m)	Strength (kg)
90812	8	2	1600
90813	10	2	1940
90814	12	3	2650



Mooring Dock Line double braided with loop, polyester, black

Code	Diameter (mm)	Length (m)	Strength (kg)	Boat Length (m)
90815	8	4	1600	5-6
90816	8	8		6-10
90817	10	5	1940	5-6
90818	10	10		6-10
90819	12	6	2650	5-6
90821	14	7	3465	6-10
90823	16	8	4380	10-12

Dock Lines

Mooring double braided rope, polyester, black



Sold by the reel

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



Sold by the reel

Mooring 16-Strand Double Braided Rope, Polyester, 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

Fenders



Inflatable Fender "EasyStore"

The "EasyStore" Inflatable fenders are made of re-inforced, abrasion resistant PVC material. They are light, simple to use and when deflated can be stored in small lockers. They can be quickly inflated by using any standard or electric pump and easily mounted using the rope supplied. All available in light-grey the larger sizes only have fixing mounts at both ends.

Code	57327	57328	57316	57317	57318	57319
Diameter(cm)	20	25	28	32	42	60
Length(cm)	50	70	85	104	132	150

BEST VALUE



Easy to store!



BEST VALUE

Buoyancy Bag with valve for Optimist, grey

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

Fender Covers & Racks

LALIZAS Fender Covers



Single



Double



Code	Dimensions (cm)	Polyform Fenders	Thickness	Packing (pcs)
49932	15x56cm	F1	Single	2
49351	23x56cm	F2	Single	2
49352	23x76cm	F3	Single	2
49353	23x104cm	F4	Single	2
49354	30x76cm	F5	Single	2
49355	30x107cm	F6	Single	2
49356	38x102cm	F7	Double	1
49935	38x140cm	F8	Double	1
49936	51x127cm	F10	Double	1
49937	61x140cm	F11	Double	1
49938	81x190cm	F13	Double	1
49933	20x29cm	A0	Single	2
49934	29x37cm	A1	Single	2
49358	39x49cm	A2	Single	2
49359	47x59cm	A3	Single	2
49360	55x71cm	A4	Single	2
49361	70x92cm	A5	Single	2
49362	86x118cm	A6	Double	1
49363	99x137cm	A7	Double	1



Modular Fender Baskets

Lalzas Fender basket can be easily installed on the rails of a boat using a connector (Code: 90154). For parallel connection of fender baskets, a parallel connector can be used (Code: 90163).

Code	Internal Diameter (mm)	Height (mm)	Fenders	
			Lalzas "Hercules"	Polyform
98630	180	420	50583, 50593, 50584, 50594, 50633, 50634	F1
98629	220	440	50585, 50595, 50586, 50596, 50635, 50660, 50636	F02
98631	250	450	50661, 50662, 50663	F2, F3, F4
98632	340	590	50664, 50665	F5, F6

BEST VALUE



Set of Connector & Rail Support for fenderbaskets

Code..... 90154



BEST VALUE

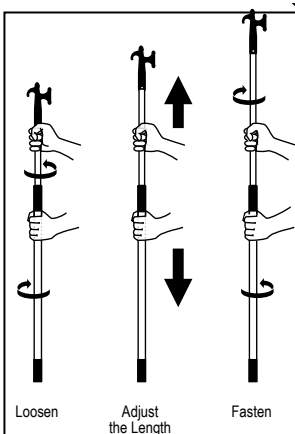


Connector Paralell, for fenderbaskets

Code.....90163



Hooks



ADVISOR

Use: Boat hooks are useful accessories with a twin hook at one end. They are used to both hook and retrieve objects that are otherwise difficult to reach, such as ropes, lifebuoy rings, mooring buoys etc. They are made of anodized aluminum.

Instructions of Use: Depending on the model, Lalzas hooks are plain or telescopic. In order to adjust the length of the adjustable boat hook you unscrew the two parts, move to the desired length and screw it back. The hooks are used by grasping securely the object with the hook and then you pull towards you.

Replacement: Lalzas boat hooks are manufactured under the highest quality standards. Given the importance of the hooks, you should replace them, as soon as, you notice any cracks on the hook or the body.

Boat Hooks

Lalzas offers two different types of boat hooks varying in size and design. Boat hooks, part numbers 50030-60, use a boat hook head with a standard size opening, making them ideal for most uses on board. They are available with plain or telescopic tubes, in various sizes, so that you may choose the one most suited to your needs.

Alternatively, the boat hook head (50903-57343) 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 tube (57341 - 57342), which are sold separately.

All Lalzas boat hooks are manufactured to the highest standards. The hooks are made of Nylon and the poles of high quality anodized aluminum for longer life.



Code	Description	Diameter (cm)	Length (cm)	
			Min	Max
50030	Aluminium Hook	2,5	147	
50040		2,5	180	
50050	Telescopic Hooks with 2 ends, Aluminium	3	118	204
50060		3	67	101
57340	Aluminum Handle for hook/brush	2,5	130	
57341	Aluminum Telescopic Handle for hook/brush	2,2 - 2,5	105	179
57342		2,2 - 2,5	165	305
57343	Hook with Thread - Black	2,2		
50180	Hook - Black	2,5		



Lalzas Aluminum Tube (57340, 57341, 57342) can be combined perfectly with a soft or stiff Boat Brush. For more information on Boat Brushes, see to page 60-61.



57343



50180



Diver Buoy

It is ideal for diving wearing air cylinders. It is easy for the diver to use, since it is especially designed so as to allow diver freedom of movement 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 allows the diver to fasten the buoy onto his suit for easy carrying. Additionally, the case features a whistle for 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 allow the buoy to inflate and pop up onto the water surface, warning other boats that a diver will soon be afloat at this specific point.

Code...70017



BEST VALUE

BEST VALUE



Round marker buoy small, "SAFE DIVE" diam. 30cm, height 50cm

Code..... 97814

BEST VALUE



Torpedo diving marker buoy, "SAFE DIVE" diam. 28cm, length 88cm

Code..... 97816

BEST VALUE



Torpedo diving marker buoy, reinforced, "SAFE DIVE" with 20m rope

Code..... 97813

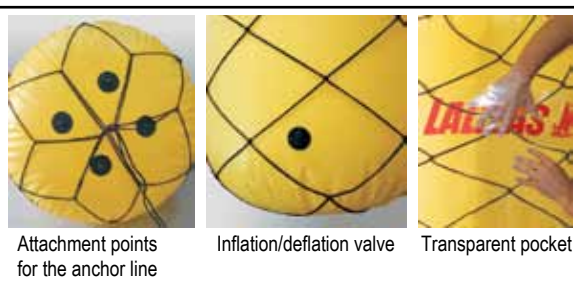


Race Mark Buoy

The Lalizas Mark Buoy has been designed especially to meet the demands of races. It features one inflation/deflation valve and one large transparent pocket (69 x 58cm) that can be used for advertising purposes. There are also 4 attachment points for the anchor line and in order to absorb the pulling forces of the latter, the Lalizas Race Mark Buoy is fitted with a special net. Despite its size, when it is inflated (height: 1.5m, diameter: 0.90m), it is very easy to carry. It is made of UV resistant PVC, in bright yellow colour for high visibility.

Code	51030
Model	Cylindrical
Diameter	0,90m
Height	1,50m
Inflated Weight	4kg
Transparent Pocket	1

BEST VALUE



Attachment points for the anchor line

Inflation/deflation valve

Transparent pocket



Mooring Spring, Inox 316

Code	99639	99640	99641
Length (mm)	270	320	410
Diameter (mm)	50	54	80
Breaking load (Kg)	95	120	220
For Boats up to aprox. (m)	5	6	10
Max. Boat weight (ton.)	1	1,5	6



Mooring Spring, Inox 316

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

Platforms



Platform Inox 316

Code	99509
Width (mm)	450
Length (mm)	390
Wood	Teak



Platform Inox 316

Code	99510	99511
Diameter (mm)	25	
Width (mm)	450	600
Length (mm)	500	
Wood	Teak	



Platform Inox 316

Code	99512	99513
Diameter (mm)	25	
Width (mm)	210	270
Length (mm)	390	
Wood	Teak	



**Platform with ladder
Inox 316**

Code	99516	99517
Width (mm)	210	270
Length (mm)	390	
Wood	Teak	



**Platform with folding
ladder Inox 316**

Code	99514
Width (mm)	450
Length (mm)	390
Wood	Teak



**Platform with telescopic
ladder Inox 316**

Code	99515
Width (mm)	450
Length (mm)	390
Wood	Teak

Boarding Ladders & Accessories

INFORMATION



A Boarding Ladder is an extremely useful and important accessory on any boat. Apart from access from a tender, small boat or the sea, a boarding ladder can assist in the recovery of a casualty who has fallen overboard (MOB).

Lalizas offer you aluminum hook over-the-gunwale ladders, Inox ladders with key hole plates and rope ladders, with up to 5 steps depending on the model.

Ladder Types

1. **Over-the-gunwale ladders:** Suitable for small boats these hook over ladders will fit a wide range of gunwale widths

2. **Inox ladders with key hole plates:** These over-the-gunwale ladders are supplied with key hole plates that may be permanently fixed with bolts to the hull or deck of your boat. The key hole plates are slotted to accept spigots located on the ladder hooks, providing a secure fitting, allowing also quick and easy removal of the ladder for storage.

3. **Rope ladders:** Flexible, lightweight and easy to store, a good stand by ladder for emergency use or when space is at a premium.



Rope Ladders

These handy, easily stored, rope ladders are designed to be used on boats for easy boarding. As the ladder secures around any cleat, no permanent mounting is necessary.

Code	50042	50043	50044
Steps	2	3	4
Height(cm)	62	80	102
Width(cm)	35	35	35
Weight(gr)	250	400	500



Aluminum Ladders

Made of 25mm marine grade anodized aluminum tubing, with non-slip polypropylene steps. These Ladders come complete with two stand-off feet to suit the contours of most hulls. The hooks fold flat for out-of-the way storage.

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

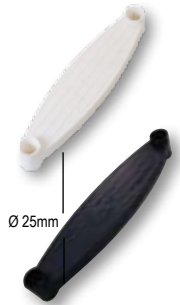


Inox Ladders

Made of 25mm marine grade stainless steel tubing, with black non-slip plastic steps. Ladders come complete with stand offs and one pair of keyhole plates with backing pads, and is suitable for most hulls hooks fold flat for out of the way storage.

Code	50053	50054	50055
Steps	3	4	5
Height(cm)	83	113	136
Width(cm)	35	35	35
Weight(gr)	1920	2200	2900

Step for Aluminum & Inox Ladder - White
Code..... 50160



Step for Aluminum & Inox Ladder - Black
Code..... 50170

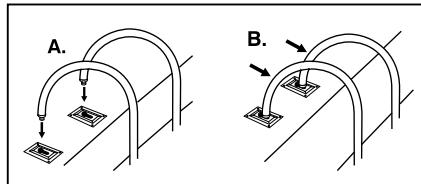
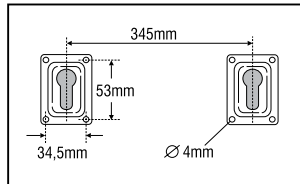


Step for Rope Ladder - White
Code..... 50150



Key Hole Plate

Code..... 00636



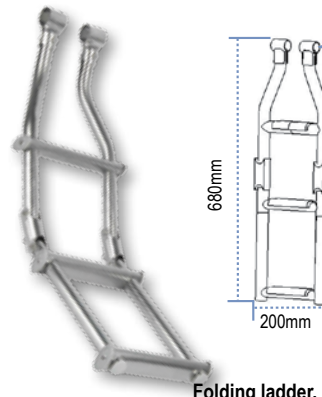
Ladder for sailing boat Inox 316

Code	99502
Steps	4
Diameter (mm)	25
Width (mm)	270
Length (mm)	900



Bow ladder Inox 316

Code	70644
Steps	3
Diameter (mm)	25
Width (mm)	230
Length (mm)	1060



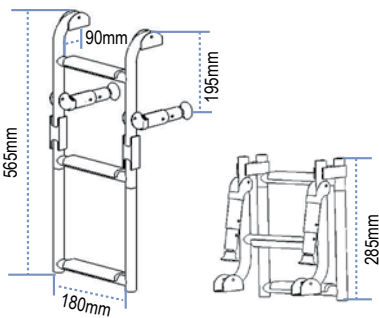
Folding ladder, Inox 316

Code	70086
Steps	1+2
Diameter (mm)	25

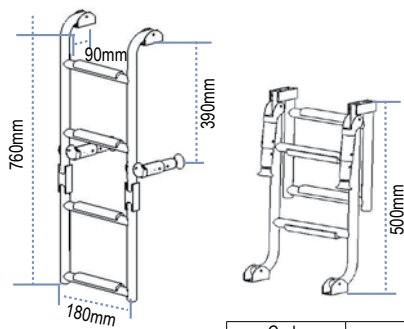




Folding ladder,
Inox 316



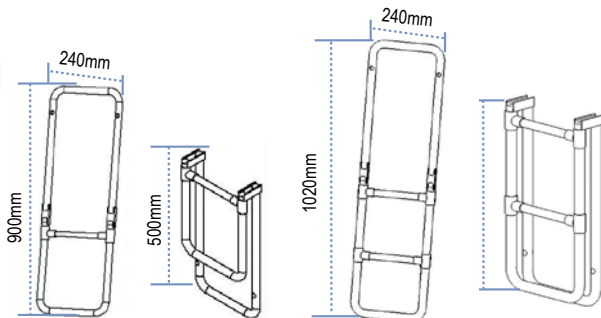
Code	70089
Steps	1+2
Diameter (mm)	25



Code	70148
Steps	2+2
Diameter (mm)	25



Folding ladder for inflatable
boats, Aluminium

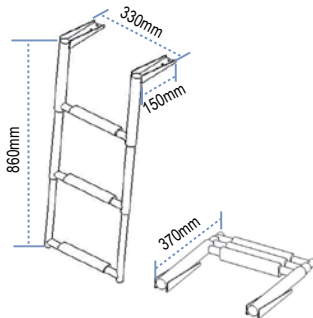


Code	99507
Steps	2
Diameter (mm)	25

Code	71200
Steps	3
Diameter (mm)	25



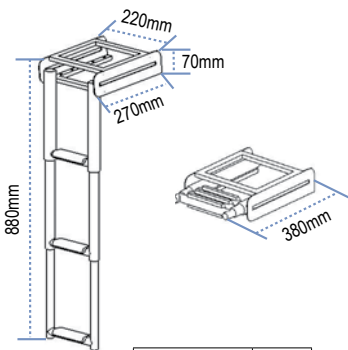
Telescopic Ladder
Inox 316



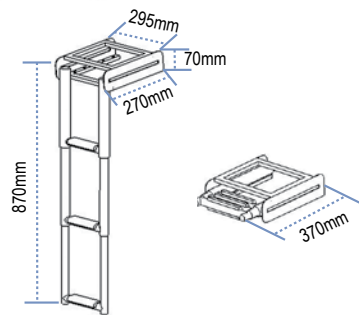
Code	70610
Steps	3



Telescopic ladder under the
platform, Inox 316,



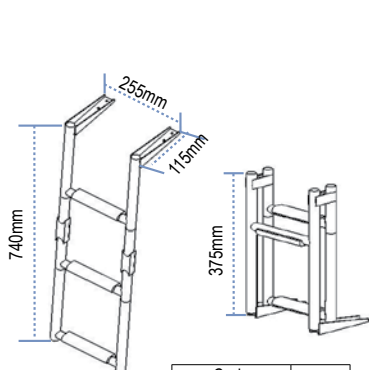
Code	99503
Steps	3



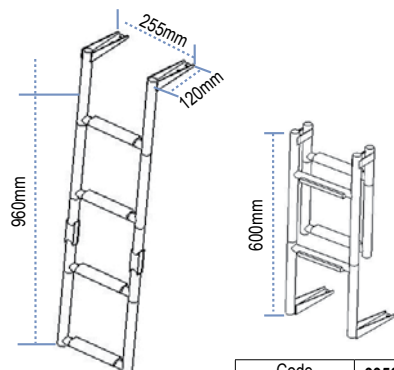
Code	99504
Steps	3



Ladder for
platform Inox 316



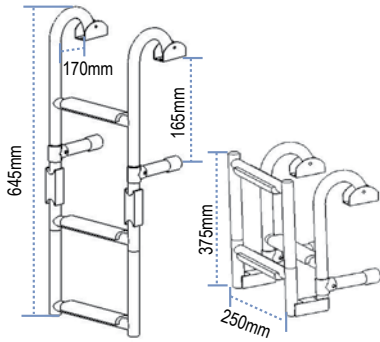
Code	99505
Steps	1+2
Diameter (mm)	22



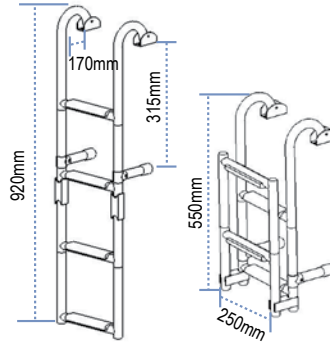
Code	99506
Steps	2+2
Diameter (mm)	22



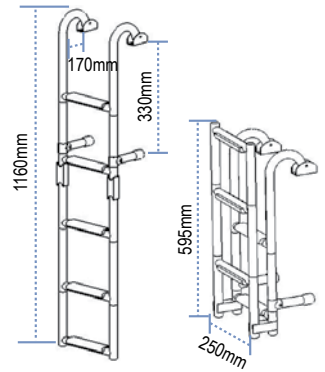
Gunwale mount hook folding ladder
Inox 316



Code	99497
Steps	1+2
Diameter (mm)	22



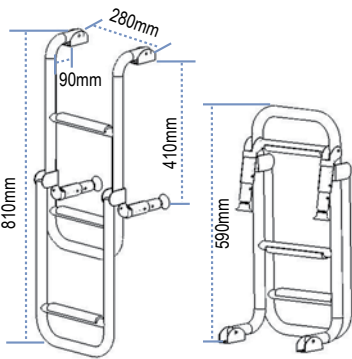
Code	99498
Steps	2+2
Diameter (mm)	22



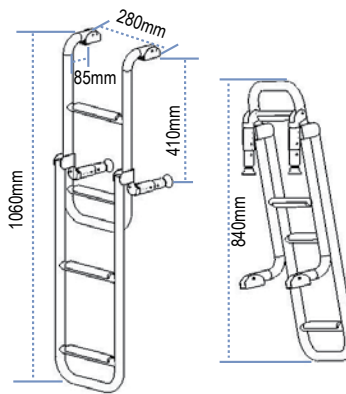
Code	99499
Steps	2+3
Diameter (mm)	22



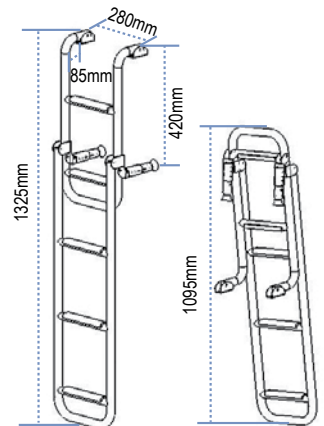
Folding ladder, Inox 316



Code	70146
Steps	1+2
Diameter (mm)	25



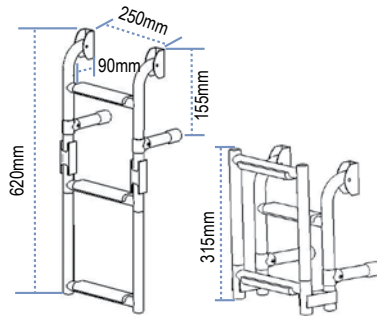
Code	70088
Steps	2+2
Diameter (mm)	25



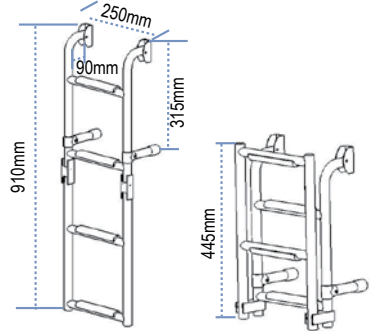
Code	70147
Steps	2+3
Diameter (mm)	25



Folding ladder for transom
Inox 316



Code	99500
Steps	1+2
Diameter (mm)	22



Code	99501
Steps	2+2
Diameter (mm)	22



Mounting bracket,
Diam. 25mm
Code.....70647



Spare Hinge for ladders,
Diam. 25mm
Code.....70646



Mounting bracket with pin,
Diam. 25mm
Code.....99527



Mounting bracket
for ladders

Code	70613	70614
Diameter(mm)	22	25

Trailers & Accessories

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Tie-Down Strap with self padded buckle

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Winch Strap

ADVISOR

What is a trailer winch?

A trailer winch is a unit mounted on the trailer, used to pull the boat on and off the trailer. It's function is based on the mechanical advantage created through it's spur gears.

Use: Each winch features two spur gears, small and large, both are inter-connected. The handle is attached to the small gear, which then moves the larger gear with the cable or strap wrapped around. This arrangement allows you to lift heavy loads easily.

Seaware winches have 3 positions: forward, neutral and reverse

Forward: The position used to haul the boat by moving the handle clockwise. If you do attempt to move the handle counterclockwise, the ratchet pawl will lock the gear and the winch will stop turning.

Reverse: The position used to launch the boat by moving the handle counterclockwise. If you do try to move the handle clockwise, the ratchet pawl will lock the gear and the winch will stop turning.

Neutral: You can turn the handle either clockwise or counterclockwise without locking.

Gear Ratio: The gear ratio refers to the the small and the large gears. For example: 4:1 means that the small gear turns 4 times, in order for the larger gear to turn once.

Choose the right trailer winch for your boat:

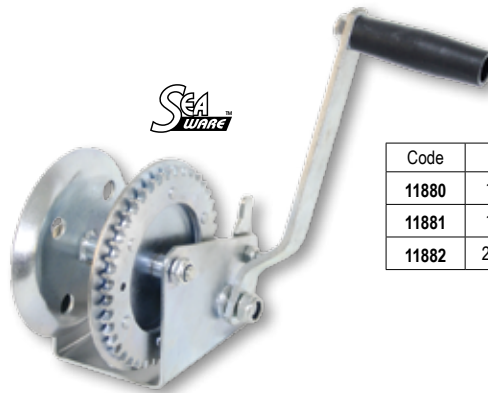
It is very important to choose the right trailer winch for your boat. For heavier and longer boats, use winches with larger capacities and longer straps or cables. It is generally recommended to use a winch of a capacity at least half the combined weight of your boat, motor and fuel.

Safety Tips

- Always inspect the strap or cable before use
- Never use straps or cables that are worn, kinked or damaged
- Ensure that the strap or cables are securely attached to the bow eye of the trailer
- Never let anyone stand in or behind the boat, or near the winch line

Maintenance

- Clean the ratchet pawl mechanism regularly
- Add a few drops of lubricant to the ratchet pawl mechanism
- Always maintain a film of grease on the spur gears



Code	Capacity	Gear Ratio
11880	1400 lbs / 636kgs	4:1
11881	1800 lbs / 815kgs	5,1:1
11882	2500 lbs / 1135kgs	5,1:1 & 12,2:1

Trailer Winch, 3 way, single and double gear, carbon steel

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.



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 Characteristic

- 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.

ADVISOR

What is a Jockey Wheel?

A trailer jack is a telescopic pole with a wheel at one end. It is mounted on the frame of the trailer, to facilitate loading and un-loading the trailer from the ball hitch, as well as, raising the trailer to the proper angle.

Use

When you want to release the trailer from the ball hitch, start turning the swivel of the jockey wheel clockwise to lower the wheel. Continue until the latter reaches the ground and supports the frame of the trailer. It is then safe to unlock the coupling from the ball hitch.

When you want to tow the trailer, lock the coupling on the ball hitch and start turning the swivel counterclockwise. The wheel gradually raises and the frame of the trailer will be supported on the ball hitch. Keep turning the swivel until the wheel is raised completely.

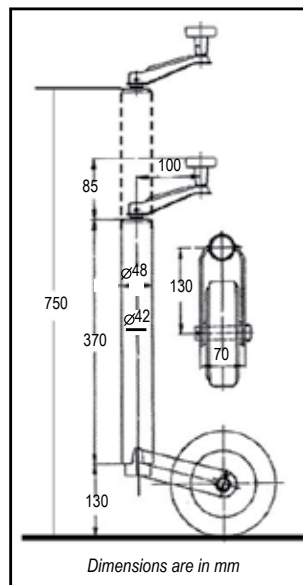
Safety Tips

- Ensure that you have completely raised the wheel before towing
- When cranking or coupling trailer, secure trailer from rolling with chocks on both sides of the wheels.

Jockey Wheel

The Seaware jockey wheel is made of high quality steel and features a 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
Loading(Kgs)	360
Min.height (mm)	500
Max. Height (mm)	750
Wheel dimensions(mm)	200x50



Spare Wheel for Jockey Wheel, 200x50mm
Code..... 90288

Wires

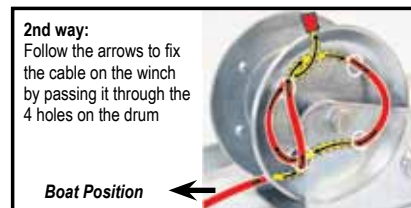
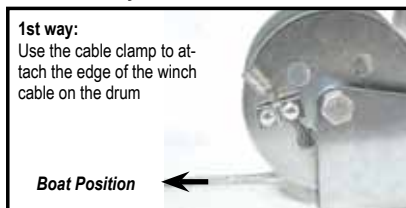
Trailers & Accessories



Winch cable with hook

Code	Load	Length	Diameter
99599	1700 Kgs	6m/20ft	5 mm
99600		9m/30ft	

There are 2 ways to attach the winch cable on the winch



Tie-Downs



BEST VALUE

Tie-Down Strap with self padded buckle

Code	99006	99007
Width(mm)	25	25
Length(m)	2,5	4
Breaking Load(kg)	250	250



Carbon steel

Ratchet Tie-Down with double J hook

Code	99013	99014	99015
Width(mm)	30	35	50
Length(m)	6	7	8
Breaking Load(kg)	1500	2500	5000



Carbon steel

Ratchet Tie-Down with S hook

Code	99011	99012
Width(mm)	25	25
Length(m)	3	6
Breaking Load(kg)	500	500

Winch Straps



Code	Load	Length	Width
99094	2000 Kgs	7,5m/25ft	50mm



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).

Trailer Lights & Sockets

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	100x100x28mm
LEDs	72 (36A & 36R)	24 (12A & 12R)

**Trailer Plug Female, fixed, 7 pin**

Code.....11887

**Trailer Plug Male, 7 pin, for 11887 plug**

Code.....99605



They are waterproof!!!

Dome Light / Trailer Light, 2 LEDs, 12V & 24V, black (2 pcs)15 lumen, Dimensions: 77x36x21mm
Code.....71237

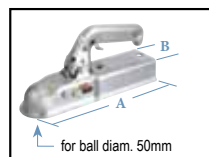
They are waterproof!!!

Dome Light / Trailer Light, 12 LEDs, 12V & 24V, black (2 pcs)90 lumen, Dimensions: 104x60x26mm
Code.....71235**Dome Light / Trailer Light, 25 LEDs, 12V & 24V, black**187,5 lumen, Dimensions: 200x58x30mm
Code.....71236

Couplers & Hitch Balls

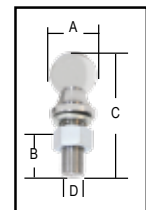
USEFUL HINTS**Before use, it is recommended to:**

- Visually inspect the ball hitch and coupling for signs of damage
- Make sure that the ball hitch is properly locked inside the coupling and that the coupling is not sitting on the top of the ball. Once they are properly attached, the jockey wheel will not be able to lift the trailer from the ball hitch
- When cranking or coupling trailer, secure trailer with chocks on both wheels

**Trailer Coupling, 2000lbs / 900kgs, for 50mm ball**

The Seaware trailer couplings are of a robust construction and a safe locking mechanism. They lock perfectly on the Seaware ball hitch.

Code	11885	11886
A: External Length (mm)	270	270
B: Internal Width (mm)	52	62

**Trailer Ball Hitch, 50mm**

The ball hitch will give top performance and many years of service.

Code	11883
Loading	3500lbs / 1590kgs
A: Ball Diameter (mm)	50
D: Shaft Diameter (mm)	22
B: Shaft Length (mm)	50
C: Overall Length (mm)	113

Bimini Tops, Seating & Covers

Seat Bases	116
Table Pedestrals	116
Buoyant Deck Cushions	116
Boat & Engines Covers	116-118
Binimi Tops & Shades	118-121
Shades & Bimini Hardware	122-123
Carpets	123
Tarpaulin Covers	123



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Aluminium Canopies
"Zeus", white

Page 123



Protective Tarpaulin
Cover Sea Tarpaulin

Seat Bases



**Seat base, telescopic,
Inox 316, Diam: 60mm,
Height: 450mm**
Code.....99519

Table Pedestals



**Support bracket
for tables, Inox 316,
300x165x20mm**
Code.....70633

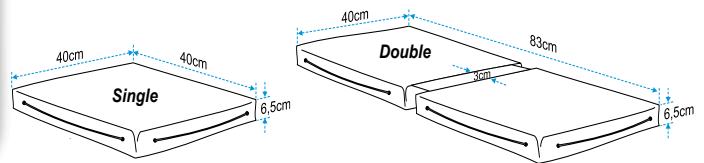
Buoyant Deck Cushions

Buoyant deck cushions

Buoyant deck cushions are equipped with a waterproof outer material and are filled with polyethylene foam. There are integral straps around the cushions, so as to carry them easily and quickly. The cushions lock on your boat through a nylon hook at their back. Buoyancy cushions are either single or double, depending on your needs and come in white, red and blue colours. White cushions are made of PVC, while red and blue cushions are made of polyester with PVC overlay. It is recommended cleaning the cushions with cold fresh water.



Code	Deck Cushion	Colour	Material	Buoyancy (kg)	Weight (kg)
11511	Single	White	PVC	9,5	0,6
11512	Double			19,5	1,25
11513	Single	Red	Polyester	9	0,55
11514	Double			19	1,20
11515	Single	Blue	Polyester	9	0,55
11516	Double			19	1,20



Boat & Engines Covers

Boat Cover Support System

The 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 center of the cover. The kit includes one telescopic aluminium pole (50cm to 116cm) which is positioned in the center of your boat with a wide support on top and highly resistant plastic webbing straps, which are hooked from bow to stern. The Boat Cover Support System fits all covers for boats up to 7m.



Code.....57276

Installation Instructions

1. Position the strap center 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 move the pole. The pole may need to be adjusted further depending on the shape and size of your boat and its cover



USEFUL HINTS

Maintenance and Cleaning

To keep the SeaCover clean and protected when not in use, a storage bag is provided.
 To extend the products' life clean with a soft bristle brush and lukewarm water.
 NEVER use soap as it may damage the protective coating of the SeaCover.
 ALWAYS let it dry completely before storing.

BEST VALUE



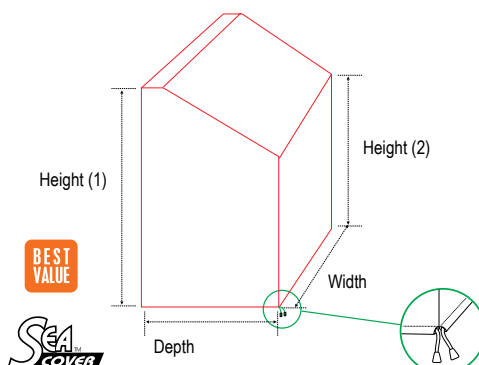
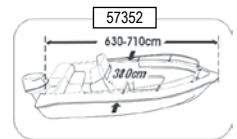
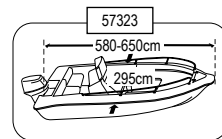
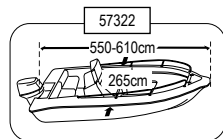
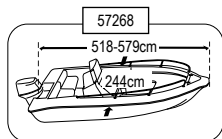
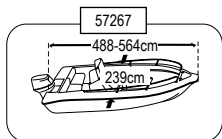
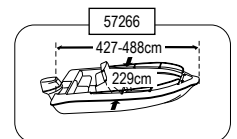
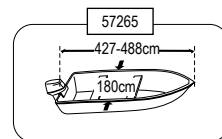
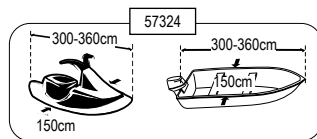
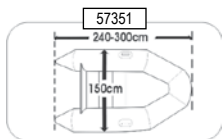
Watch the video on our channel
<http://www.youtube.com/LalizasSA>



Boat Cover SeaCover

The Boat Cover, SeaCover is ideal to cover and protect your boat against rain, dust and sun. It combines high construction standards with high quality materials, and is available in several sizes depending on the boat's dimensions. Mini, junior and sizes from 1 to 6 are made of extra strong PA coated Polyester 420D for maximum water resistance and are available in silver. Sea Cover, Size 7 is made of 600D Polyester and is available in blue. They all feature an elastic cord all round for an ideal fit and double stitched seams for long lasting use. Additionally, they have non-scratching plastic D-rings for extra hull protection while fixing. The "Sea Cover" can be used in fishing or recreational boats, inflatable or motorboats with or without cockpit and rails.

Code	57351	57324	57265	57266	57267	57268	57322	57323	57352
Size	Junior	Mini	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 supplied in silver and four different sizes. It is made of extra strong Polyester 420D, 0.15mm thick, with double stitched seams for long lasting use and features a cord all around at the bottom for an ideal fit. It also provides superb UV Protection and reduces the possibility of damage to instruments and electronics, due to 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



BEST VALUE



Engine Covers

SeaCover for engines are ideal for their 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 as two different types. There are covers which are suitable only for the top part of the engine (not the shaft) and feature an elastic cord for an ideal fit to most types of outboard engines. There are also full body covers, which feature an elastic cord and a zipper, so as to ensure the best possible engine protection, including it's shaft. You can find 7 different sizes of covers for the top part of the engine only, and 3 different sizes for full body covers. All SeaCover covers are supplied in silver.

The tables below show the different sizes of SeaCover. The dimensions refer to the length, width and height of the cover (Drawing 1). The horsepower quoted 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 be taken into account.



BEST VALUE

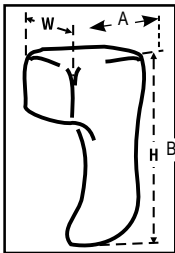


Full body covers

Code	57329	57330	57331
H.P (Approximate)	2,5-10	8-70	70-150
A(cm)	75	87	125
B(cm)	25	157	210

Covers 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	48	55	63	73	75	90
B(cm)	25	27	33	35	40	45	60
C(cm)	32	35	45	50	65	75	80

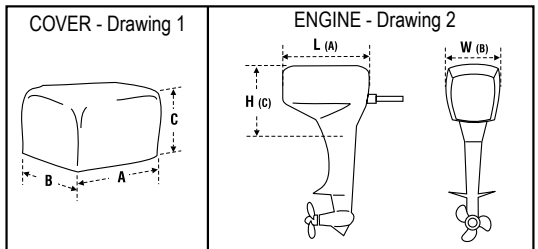


To choose the most suitable full-body cover for your engine, you should measure the engine's height (B) as well as its width (W). In order to calculate correctly the maximum height that the appropriate cover should have, you should deduct from the engine's height (B) half of its width (W).

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.

To choose the most suitable cover for the top part of your engine, measure as shown in Drawing 2 and determine the dimensions that 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).



Optimist Boat Cover

Protects your Optimist from heavy wear and prolongs it's life. The Optimist boat cover drapes the entire dingy 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.



BEST VALUE

Code.....70174
Dimensions (cm)....220x100



Lalizas Laser Boat Cover

Code....71296

Bimini Tops & Shades

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 also 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 center 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 = Points of Installation B1 & B2.

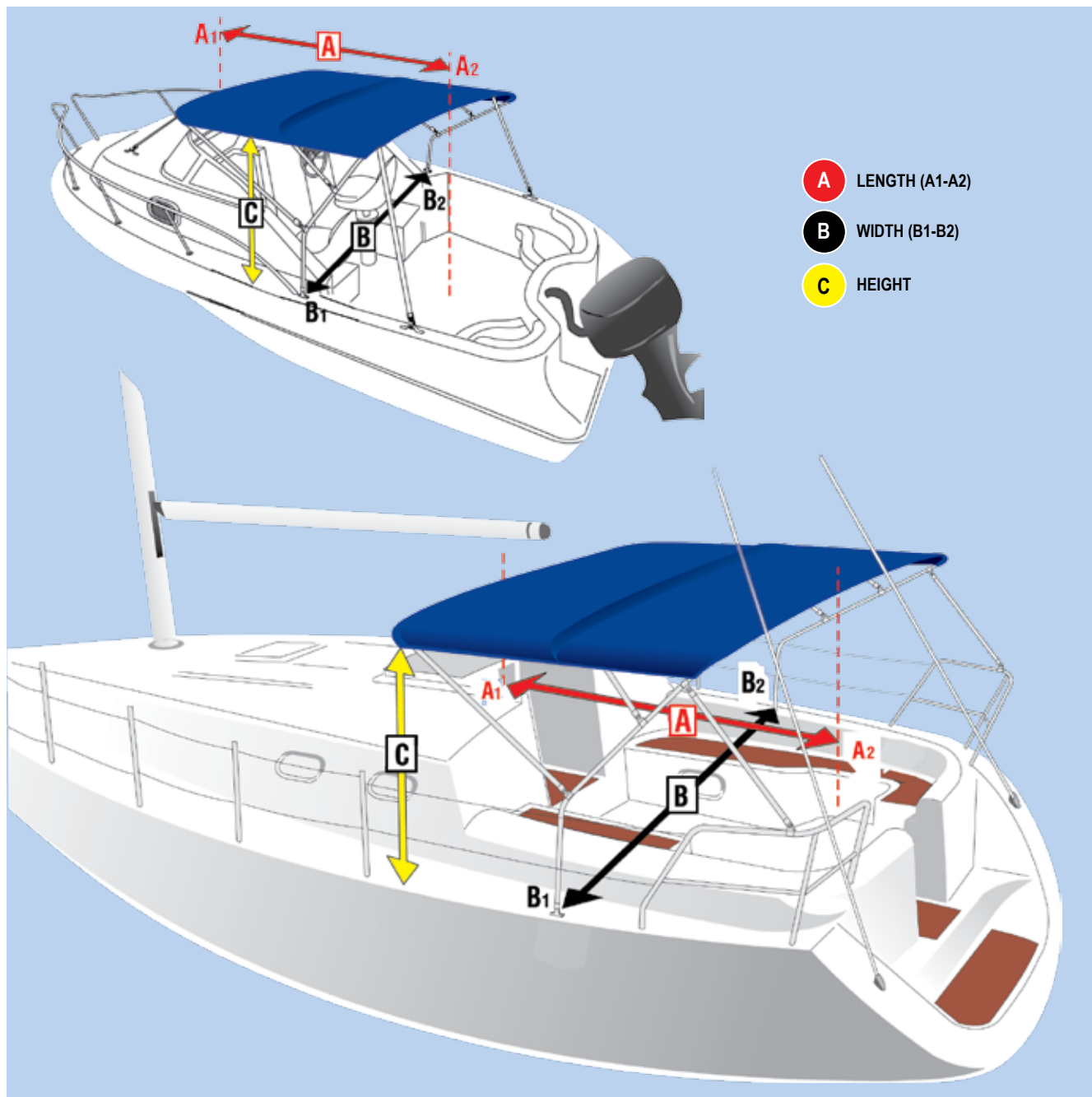
This formula gives you the distance between points A1 or A2 to the point where you should place the canopy. In sailing boats these points should be slightly inboard of the rails to cover the cockpit area. On powerboats the usual installation point is the middle of the gunwale.

Step 3. Calculate the Width (B)

Measure the distance between the installation points. So (B1-B2) = Width Please note that the width of the canopy is not necessarily the width of the boat.

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 between the installation points and to the desired height. On powerboats, the height of canopy should not obstruct navigation lights.



- A** LENGTH (A1-A2)
- B** WIDTH (B1-B2)
- C** HEIGHT



USEFUL HINTS

CANOPIES

Lalzas canopies are manufactured using only materials which are both weather and UV resistant. However, to maintain these characteristics, do not allow contact with flames or sharp surfaces. Lalzas recommends washing your canopy and straps with clean water. Allow to dry completely before storing or covering. Also remember to fold and cover the canopy with its top, when not in use.

Canopy Inox "Athens", 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 280cm, while the height is adjustable, up to a maximum of 155cm. 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 instructions on page 136, fit, and enjoy.

Code	70907	70908	70909	70910	70911	70912	70913	70914	70915	70916
Length(cm)	180	180	180	200	200	240	240	240	280	280
Width(cm)	180	230	280	200	215	180	230	280	230	280
Height(cm)	155	155	155	155	155	155	155	155	155	155



Aluminium Canopies "Poseidon", white

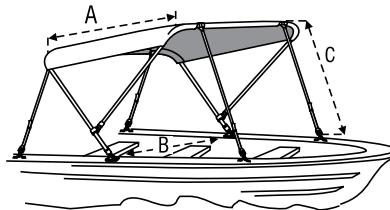
The "Poseidon" is the only one of our range of professional canopies offering a single span design with aluminium tubes, heavy weight waterproof fabric and UV stable polycarbonate hinges and fittings. All you need to supply are the screws.

Code	57320	50461	50462	50463	50464
A(cm)	180				
B(cm)	130	150	170	190	210
C(cm)	110				

Aluminium Canopies "Venus", white

Offered in the same five sizes as the "Poseidon", the "Venus" follows the same design parameters as that model. In addition a central support is fitted to stop any sag in the fabric. This also allows for less tension to be applied to the adjustable tethers used to maintain the shape of the canopy.

Code	57321	50481	50482	50483	50484
A(cm)	180				
B(cm)	130	150	170	190	210
C(cm)	135				



Aluminium Canopies "Zeus", white

Our largest canopy, with quadruple supports the "Zeus" offers a sag free canopy at low line tensions, which can still be hinged back and stowed. Made from the same proven materials as the rest of our range, this canopy offers over 5m of covered area.

Code	50501	50502	50503
A(cm)	240		
B(cm)	170	190	210
C(cm)	135		

Canopies "Basic", white

These competitively priced canopies are designed to be used as shade canopies on rigid craft and small inflatables. It is constructed from strong nylon coated PVC, with marine grade anodized aluminum supports. Available with white top. Canopy accessories are available separately.

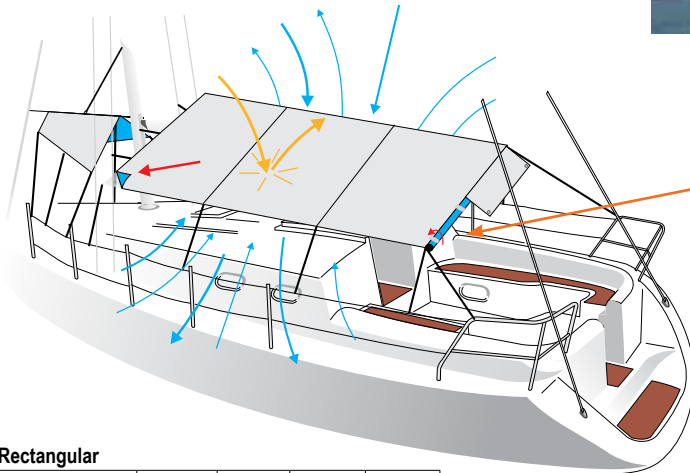
Code	50431	50432	50433	50434
A(cm)	133	195	235	280
B(cm)	120	140	162	180
C(cm)	105	109	113	117

SunShade "JOS"

"JOS" sunshades have 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, this allows for the flexibility to fit all boat requirements.

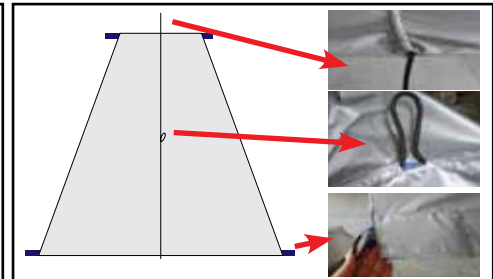
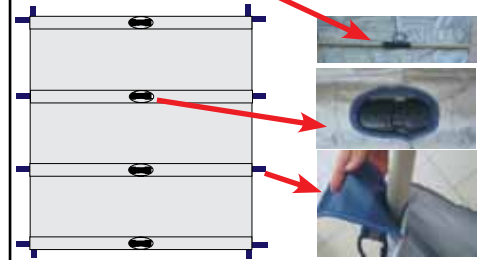
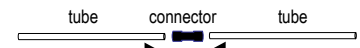
They have been designed in such a way that the air is recycled and not "trapped", making life on-board far more pleasant. The texture of the upper part of the shade reflects the sun's rays, while the underside enhances the cool feel with it's light blue finish..

"JOS" sunshades are lightweight and can be installed in few minutes, by using the aluminum poles supplied, or alternatively the rectangular poles and the supplied rope for the trapezium shape. For a 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.



BEST VALUE

8 Tubes & 4 Connectors are included



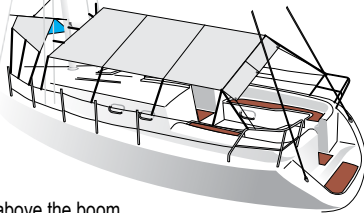
Rectangular

Code	70896	70897	70898	70899
Dimensions (cm)	260x460	315x370	315x430	350x490

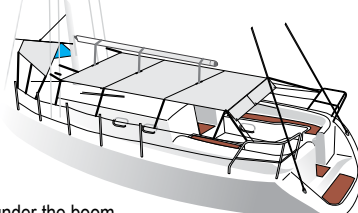
Trapezium shaped

Code	70900	70901	70902	70903
Dimensions (cm)	80x210x220	80x230x320	80x290x360	80x320x400,5

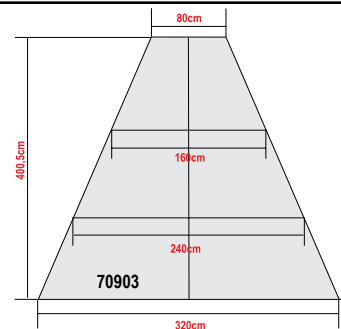
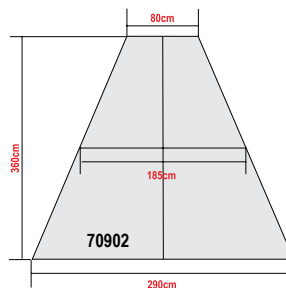
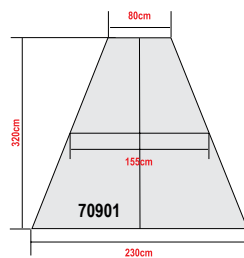
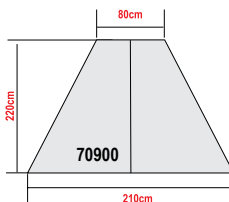
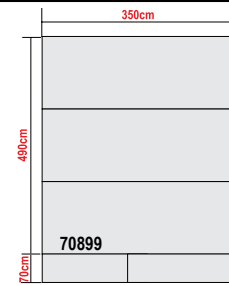
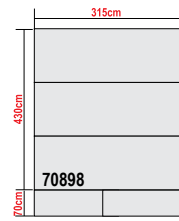
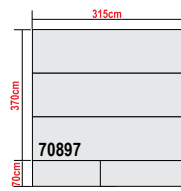
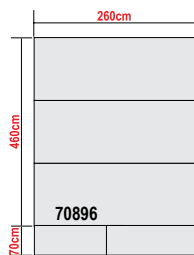
Features



above the boom



under the boom





Eye End Inox

Code	50871	96928
Diameter(mm)	25	22



Deck Hinge Inox

Code	50870
Diameter(mm)	25

Inox tube

Code	10420	10421
Inox	316	304
Diameter(mm)	25	
Thickness(mm)	1	
Length(m)	3	



Connector "Cross"

Code...50875



Cover for canopy connector "Cross"

Code...01834



Top Slide Inox

Code	50872	96930
Diameter(mm)	25	22



Jaw Slide Inox

Code	50876	50873	57205
Diameter(mm)	32	25	22



Press stud socket

Code...70626



Press stud twisted

Code...70627



Press stud with screw & nut

Code...70628



Press stud for fabric

Code...70629



Press stud with 2 hole screw base

Code...70630



Screwdriver for press studs

Code...70631

Aluminum canopy accessories

To complement our standard range of canopies Lalizas offers an extended range of canopy accessories. With every option considered these spare parts can be used to custom build your own canopy or maintain any existing Lalizas canopy. Made of durable UV stabilised polycarbonate, these fittings will provide years of useful service.



Canopy Socket for Inflatable Boat
Ø 22 mm (7/8")

Code..... 50550



Canopy Hinge
Ø 22 mm (7/8")

Code...50070



Rowlock Attachment Base

Code...50420



Rowlock Attachment Pin

Code.....50410



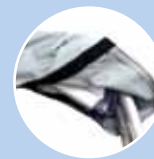
Canopy Hinge
Ø 22 mm (7/8")

Code... 50080



Canopy Socket & Hinge
Ø 22 mm (7/8")

Code...50090



All aluminum canopies are supplied with covers except for the "Basic".



All canopies are supplied with four adjustable straps, apart from the "Athens" model, which has two.

Connector
Ø 22mm (7/8")
Code...00249



Jaw Slides
Ø 22mm (7/8")
Code...50330



Quick Release Side Mount Deck Hinge
Code...50680



Horizontal Deck Hinge
Code...50320



External Eye Ends
Ø 22mm (7/8")
Code...00837



External Eye Ends
Ø 19mm (3/4")
Code...00838



Adjustable Straps
25mm
Code...50350



Quick Release Jaw Slides
Ø 22 mm (7/8")
Code...50360



Side Mount Deck Hinge
Code...50681



Quick Release Horizontal Deck Hinge
Code...50380



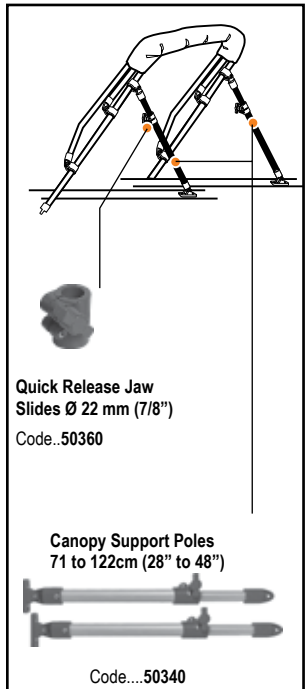
Quick Release Deck Hinge for Inflatable Boats
Code...50390



Strap Buckles
25 mm (1")
Code...00716



Canopy Support Poles
71 to 122cm (28" to 48")





Code	Description
00043	Polyester Webbing 25mm, 0,9mm thickness, White, (Roll 50m)
02035	Polyester Webbing 25mm - Yellow - (Roll 50m)
02262	Polyester Webbing 25mm, 1,3mm thickness, White, (Roll 50m)



Canopy Fabric, 150cm width

Code	01769
Colour	Blue

* Sold by m²

Carpets

Welcome Mats and Marine Carpets

Lalizas mats and carpets are designed to provide you with maximum comfort and safety when walking on your boat's deck by creating a comfortable, elastic and anti-slip walking surface. Manufactured according to 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 for extra resistance to seawater, fuel and oil spillage. Thanks to their UV-stabilisers, they are suitable for areas exposed to sunlight. The loop layer is constructed, in order to trap dirt and filth, protecting the floor at the same time. Lalizas Welcome Mats are available with backing, whereas marine carpets are available in two types, one with backing, a second one without backing, all in rolls only. Depending on the version, there are two sizes, all are in either grey and blue.

USEFUL HINTS

Maintenance & Cleaning

Correct cleaning of both mats and carpets is necessary in order to:

- Extend the carpet's life by reducing the penetration of dirt into the fibres
- Place the carpet's correctly, thus preventing the intrusion of dirt into the boat
- Maintain the clean appearance of both the carpet and the boat

Lalizas mats and carpets are especially designed to withstand all weather conditions and heavy use. However, some basic rules are suggested, in order to maintain them in good condition for a long time.

- Use a vacuum cleaner or overturn the mat and carpet in order to remove the dust and filth
- Use common detergents
- Rinse with clean fresh water
- Dry them naturally

Please avoid the following:

- Do not put the mats and carpets in contact with flame, hot surfaces or sharp items
- Do not use strong detergents such as bleach, for their cleaning



Welcome Mat with backing, PVC

Code	57195	57196	57197	57198
Colour	Grey	Blue	Grey	Blue
Dimensions (cm)	40x60		60x90	



Marine Carpet with backing, PVC

Code	57201	57202
Colour	Grey	Blue
Width	120cm	
Roll Length	6m	



* Sold by linear meter

Marine Carpet without backing, PVC

Code	57203	57204
Colour	Grey	Blue
Width	120cm	
Roll Length	6m	

Tarpaulin Covers



Protective Tarpaulin Cover Sea Tarpaulin

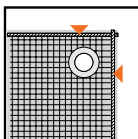
They can be used in various applications such as:

- 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
- 120 gr/m²

Characteristics of the Sea Tarpaulin

- Extra strong Polyethylene
- Water resistant and weather proof
- Re-usable
- Washable
- UV resistant
- Laminated on both sides for maximum weatherproofing

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



Outer edges Reinforced with rope sealed in hem for extra strength



Boat Cover



Outside Storage



Boat Tent



Camping

Interior

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Mosquito Repellent Mat Heater
12V, w/ car plug cable

Marine Multi-Function Tool





Key chain-compass, SeaNav
Code....11894



Key chain carabiner/compass, SeaNav
Code....11895
Not suitable for climbing purposes



Key chain-compass, w/ LED, SeaNav
Code....11893



Key holder-cork, floating, round
Code....71963



Key holder "Fender"

Code	Description	Colour
11864	Cylindrical	White
11902	Cylindrical	Orange
11903	Round	White
11904	Round	Orange

Weather Instruments & Clocks



Thermometer / Hydrometer / Clock, SeaNav, wooden, with 2 pen holders

Code	11888
Length (mm)	217
Width (mm)	28
Height (mm)	80



Thermometer / Hydrometer / Clock, SeaNav, wooden

Code	11892
Length (mm)	243
Width (mm)	22
Height (mm)	88



Wooden holder for pen, with digital clock, SeaNAV

Code	11889
Length (mm)	187
Width (mm)	35
Height (mm)	135



Thermometer / Hydrometer / Clock, SeaNav, w/base, wooden

Code	11891
Length (mm)	73
Width (mm)	72
Height (mm)	250



Clock with wooden base, SeaNav

Code	11890
Length (mm)	272
Width (mm)	47
Height (mm)	180



Glass holder, Teak,
Ø 70mm

Code	93330
Length (mm)	140
Width (mm)	88
Height (mm)	90



Glass holder for 2 glasses,
Ø 70mm

Code	93331
Length (mm)	280
Width (mm)	90
Height (mm)	90



Glass holder for 4 glasses,
Ø 70mm

Code	93332
Length (mm)	430
Width (mm)	90
Height (mm)	90



Glass holder for 6 glasses,
Ø 70mm

Code	93333
Length (mm)	597
Width (mm)	90
Height (mm)	90



Glass toothbrush holder,
Teak, Ø 83mm

Code	93343
Width (mm)	120
Height (mm)	27



Pencil holder, Teak

Code	93386
Width (mm)	120
Height (mm)	77



Holder for VHF/GPS/Mobile, Teak

Code	93465
Width (mm)	110
Height (mm)	65
Υψος (mm)	140



Bottle holder for 2 bottles,
Teak, Ø 95 mm

Code	93466
Width (mm)	226
Height (mm)	119
Υψος (mm)	120



Book Rack, Teak

Code	93334
Length (mm)	397
Width (mm)	217
Height (mm)	205



Mug holder, Teak

Code	93335
Length (mm)	320
Height (mm)	255



Binocular rack, Teak

Code	93337
Length (mm)	245
Width (mm)	113
Height (mm)	175



Chart caddy, Teak
(2pcs), Ø 70 mm

Code	93349	93350
Length (mm)	4	6
Width (mm)	435	610
Height (mm)	90	90



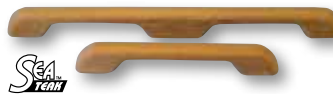
Paper holder, Teak

Code.....93457



Toilet tissue holder, Teak

Code.....93456



Handrail, Teak

Code	93382	93383	93384
Length (mm)	330	580	840
Height (mm)	60	60	60



Towel bar, Teak, Ø 25 mm

Code	93463	93464
Length (mm)	350	580
Height (mm)	60	60



Teak Finger Pull

Code	90285	93281
Diameter (mm)	32	39



Teak plug
set of 20pcs

Code	93248	93250	93244	93246	93247
Diameter (mm)	6	8	10	12	15



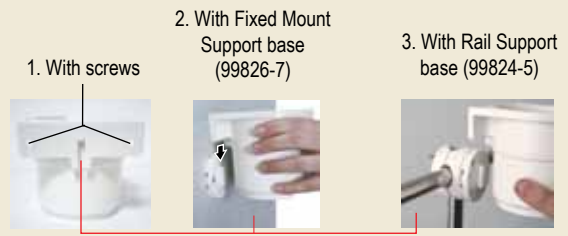
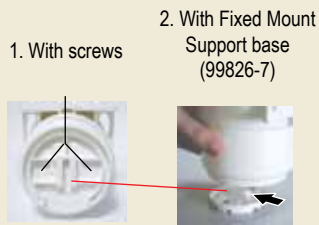
Wood Drain Plug

Code	71965	71966	71967
Description	set of 6pcs	set of 9pcs max diam 35mm	set of 9pcs max diam 50mm

Horizontal mounting

Vertical mounting

- Easy to mount
- Various mounting options
**FOR ALL
"Store-All" CASES**



Isotherm Cover "Store All" for Drinks

Whether you like your coffee to stay hot in the winter, or your refreshments cold in the summer, the Isotherm Cover is a 'must-have' for you. It's made in such a way, that your beverage is kept 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

Dimensions
Diameter: 8,5cm
Height: 10cm

Drink Holder 'Store-All'

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.



Code	94161	99232
Colour	White	Graphite

Dimensions
Length: 11cm
Height: 10cm

VHF/FRS Case 'Store-All'

With the VHF/FRS case you can keep your communication devices safe and within easy reach. Because of 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) either on the back or on the bottom of the case. The case is available in white or graphite.



Code	94152	94153
Colour	White	Graphite

Dimensions
Length: 13,5cm
Height: 11,5cm
Width: 8cm

Galley Case 'Store-All'

The handy galley case 'Store-All' is suitable for keeping organised your sponges, brushes, sunblock or any small object. It is easily mounted using the special support base for cases (99824-7), which can be placed on the wall, on the console or on the rails. It is available in white or graphite.



Code	94160	99233
Colour	White	Graphite

Dimensions
Length: 19cm
Height: 10cm
Width: 11,3cm

GPS/Cell Phone Case 'Store-All'

The GPS/Cell Phone Case 'Store-All' is 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 quickly. GPS/Cell Phone Case 'Store-All' is available in white or graphite.



Code	94150	94151
Colour	White	Graphite

Dimensions
Length: 18,5cm
Height: 10,5cm
Width: 9cm

Organiser & Drink Holder 'Store-All'

The 'Store-All' organizer is so useful when space is at a premium. It features a drinks 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 organiser anytime. The Organiser & Drink Holder 'Store-All' is available in white or graphite.



Code	94144	94145
Colour	White	Graphite

Dimensions
Length: 27cm
Height: 10cm
Width: 11cm

General Purpose Cases

Folding Drink Holder 'Store-All'

The Folding Drinks Holder 'Store-All' is ideal for small boats or areas with very limited space. It's folding feature allows you to completely retract it when not in use. 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. The Folding Drink Holder 'Store-All' is available either in white or graphite.



Code	96866	99230
Colour	White	Graphite

Dimensions

Height: 11cm
Width: 10,5cm

BEST VALUE

Folding Double Drink's Holder, 'Store-All'

When space is very limited, then the Double Drink's Holder is ideal. It's mechanism allows you to use it only when needed and fold it up when you do not. Included are stainless steel screws for permanent mounting. However, you can also mount it using the support base (99824 - 7), which allows you to completely remove the organiser anytime.



Code	96865	98591
Colour	White	Graphite

Dimensions

Length: 25,8cm
Height: 11cm
Width: 10cm

BEST VALUE

Trash Bag Holder 'Store-All'

Keep your cockpit and cabin tidy and clean. The Trash Bag Holder easily mounts on any flat and even surface, using 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. The Trash Bag Holder 'Store-All' is available in white and graphite. Bags are not supplied.



Code	94146	94147
Colour	White	Graphite

BEST VALUE

Dimensions

Length: 28cm
Height: 6,5cm
Width: 13,5cm

Fixed Mount Support for "Store-All" Cases

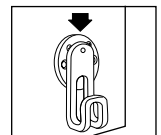
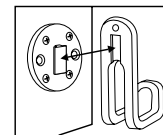
This support allows you to mount the "Store-All" Cases semi-permanently. All you have to do is mount the support on the surface you want and then slide in the case. When you do not want to use the case, just remove it. The support will remain on the surface until the next time you need it.



Code	99827	99826
Colour	White	Graphite

Dimensions

Diameter: 6cm



BEST VALUE

Utility Hook 'Store-All', (Set 2pcs)

The 'Store All' hook can be used in almost all places on a boat. All you have to do is attach them on a flat surface and use them for lines, clothing, towels, etc.



Code	94126	99231
Colour	White	Graphite

Dimensions

Length: 2,5cm
Height: 7,5cm
Width: 3cm

BEST VALUE

Rail Support for "Store-All" Cases

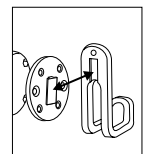
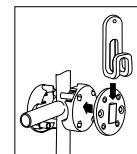
This support allows you to mount the "Store-All" Cases semi-permanently on the rails. All you have to do is mount the support on the rails and then slide in the case. When you do not want to use the case, just remove it. The support will remain on the surface for as long as you want it to.



Code	99825	99824
Colour	White	Graphite

Dimensions

Diameter: 6cm
Width: 3,5cm



BEST VALUE

Case with net and plastic frame, 'Store-All', white

This case helps you organise all items when on board with a flexible witholding net. It is made of plastic, UV resistant and can be easily installed either with screws or with a sticker ideal for inflatable and rigid boats (supplied). It is available in 2 sizes: 205x120x20mm and 205x120x10mm



BEST VALUE

Code	11900	11901
Thickness (mm)	20	10
Height (mm)	120	120
Width (mm)	205	205

Cabin Heater/ Fan Sea Power, DC 12V, wire 1.80m

This heater is ideal for boats, cars and small offices. There are two settings, one for fan-heat and one for fan only. It can be easily plugged in a 12V cigarette lighter socket.



Features: DC 12V, Power 100 ~ 125 W, Fan: 12V, 0.6A, Heat: 12V, 7.5A, Approval: CE

Code.....31405

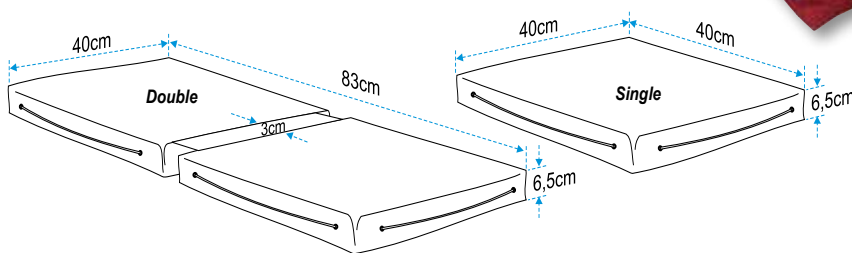


Buoyant Deck Cushions

Buoyant deck cushions

Buoyant deck cushions are equipped with a waterproof outer material and are filled with polyethylene foam. There are integral straps around the cushions, so as to carry them easily and quickly. The cushions lock on your boat through a nylon hook at their back. Buoyancy cushions are either single or double, depending on your needs and come in white, red and blue colours. White cushions are made of PVC, while red and blue cushions are made of polyester with PVC overlay. It is recommended cleaning the cushions with cold fresh water.

Code	Deck Cushion	Colour	Material	Buoyancy (Kg)	Weight (Kg)
11511	Single	White	PVC	9,5	0,6
11512	Double			19,5	1,25
11513	Single	Red	Polyester	9	0,55
11514	Double			19	1,20
11515	Single	Blue		9	0,55
11516	Double			19	1,20



Mosquito Repellent Mat Heater

Mosquito Repellent Mat Heater
12V, w/ car plug cable

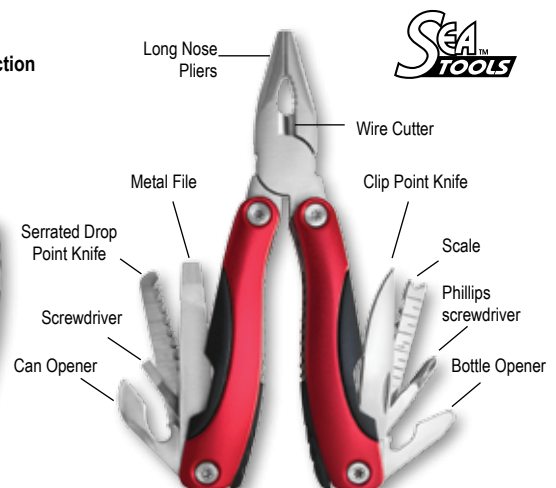


Code.....71284

Multi-Function Tools

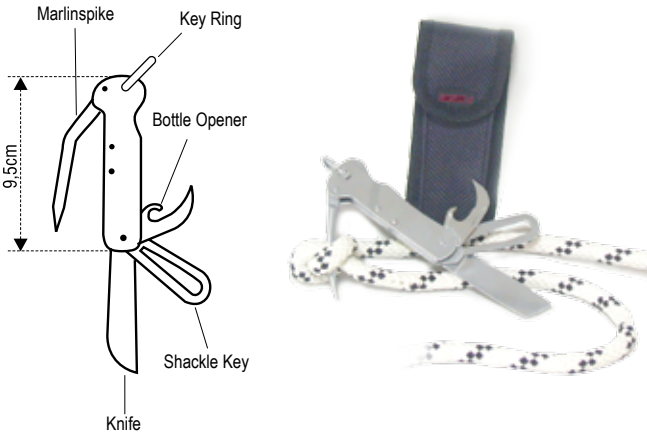
Marine Multi-Function Tool

Code....10200



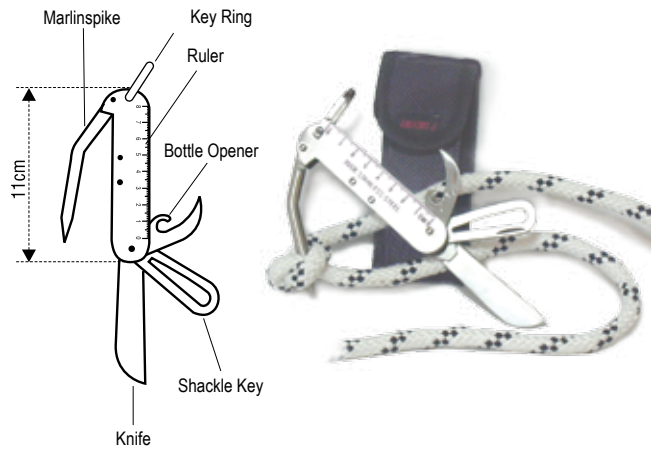
SkipperMate Knife, Stainless Steel, L: 9,5cm

Code....11477



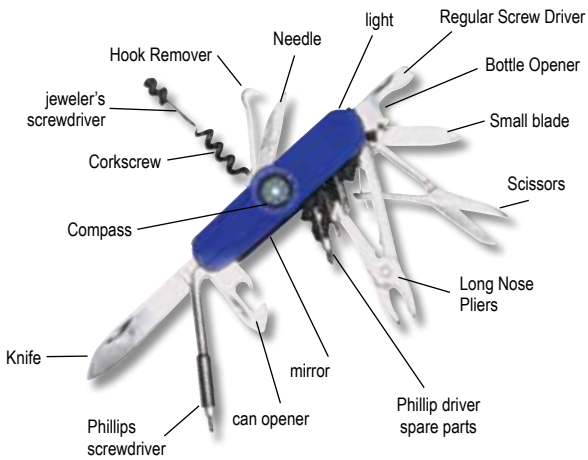
SkipperMate Knife, Stainless Steel, L:11cm

Code....11476



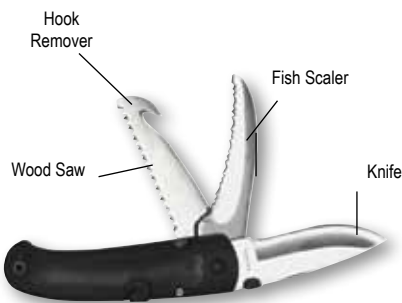
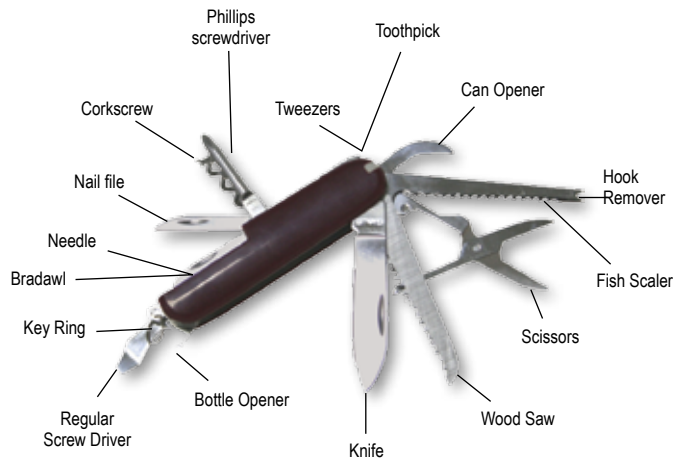
Skipper Pocket Knife, Stainless Steel, 9 tools

Code....70191



Swiss Pocket Knife, Stainless Steel

Code....70192



Slipjoint knife "Fuentes", Stainless Steel

Code....70194

Cabin & Galley

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Portable Isothermal Cooler SeaCool



- Max. Heat Output: 2.2Kw
- Gas Consumption: 160gr/h
- Gas Type: Butane
- Max. Pan Diam.: 26cm
- Weight: 1.4kg
- Dimensions: 343x284x113mm
- Colour: Silver Metallic
- Ideal for boats and camping
- Provided with a pressure regulating valve to reduce the pressure so as to prevent any accidents and with a safety mechanism which stops the gas flow in case that the pressure is increased dramatically
- Available with a very handy carrying case

Gas Hob, portable



Code.....71007

Isothermal Coolers

Portable Isothermal Cooler SeaCool

The Portable Isothermal Cooler SeaCool is suitable for all of your picnic requirements. Elegantly shaped with a practical interior design, it can be ideally used in the boat, for camping, picnic and all outdoor usage. Made of solid polyurethane foam, it features high performance insulation, in order to maintain the temperature of the contents. For even better cooling performance it is suggested to use additional ice cubes. The Portable Isothermal Cooler "SeaCool" is available in different sizes. They are equipped with large handle(s) for easy carriage and they have volume of 13lt, 48lt and 80lt.



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

Dinnerware, Beverageware & Flatware



Set of 17 pcs



Dinnerware Set "Exclusive"

- Includes**
- Dinner Plate, Ø 26cm, 4pcs
 - Dessert Plate Ø 20cm, 4pcs
 - Cereal Bowl Ø 15cm, 4pcs
 - Mug, 4pcs
 - Salad Bowl Ø 24cm, 1pc

Code..... 57350

EXCLUSIVE



Sea Tableware "Exclusive" Range

With the Sea Tableware 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 problems. 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 24pieces. Thanks to their top quality materials and construction all items in the "Exclusive" series 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



Soup Plate Set, Ø 23cm
"Exclusive", 6 pcs
Code..... 57211



Dessert Plate Set, Ø 20cm
"Exclusive", 6 pcs
Code..... 57212



Cereal Bowl Set, Ø 15cm
"Exclusive", 6 pcs
Code..... 57214



Serve Trays Set, Ø 40cm, Ø 30cm, Ø 23cm
"Exclusive", 3 pcs
Code..... 57216



Salad Bowl, Ø 24cm,
"Exclusive"
Code..... 57213



Soup Bowl with cover
"Exclusive"
Code..... 57215



Cutlery Set "Exclusive",
18/10 s.s./ABS,
24pcs
Code..... 57208



Mug Set
"Exclusive", 6 pcs
Code..... 57218



Espresso Cup Set
"Exclusive", 6 pcs
Code..... 57217



Water / Beverage Glass 355ml
"Exclusive", 6 pcs
Code.....57255

Wine Glass Set, 220ml
"Exclusive", 6 pcs
Code.....57254

Champagne Glass Set 177ml
"Exclusive", 6 pcs
Code.....57253

Navigation

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Compass Navigator BN-202 Bulkhead Mount

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Parallel ruler

ADVISOR

What are binoculars

Binoculars are instruments that magnify images. A combination of lenses and prisms are used in order to ensure great image sharpness, brightness, precision and colour transmission. They are necessary for many activities such as boating, cruising, fishing, various water sports, hunting, bird watching and many others. The brightness and sharpness of the image seen through a binocular is determined by several factors, such as the magnification power, the objective lens diameter, the field of view, the design of the prisms, etc.

Magnification power & Objective lens

Binoculars are described by a set of numbers such as 7x50 or 8x42, the first of which indicates the magnification power: the degree to which the object being viewed is enlarged. The numbers 7 and 8 in the specific case indicate that the image will appear to be 7 and 8 times larger than what it would be with the naked eye. The second number indicates the diameter of the front lenses, widely known as objective lenses. They are measured in millimeters (50mm or 42mm) and they determine how much light will enter the binocular. For example, the higher their number, the larger the lens and the brighter the image.

Prisms categories

Prisms are located inside the binoculars and are used to invert the image. They are distinguished in two categories, depending on their design:

1. **Porro prism** binoculars are believed to provide greater depth perception and generally offer a wider field of view and brighter image. They come in two styles, BAK-4 and BK-7. The BAK-4 prism is made of a dense, fine barium crown glass, which produces sharp, well-defined images, eliminating internal light scattering. The BK-7 uses standard boro-silicate glass
2. **Roof prism** binoculars are lighter and more compact but more difficult and complex to manufacture. They provide a slim, streamlined shape in which the lenses and prisms that magnify and correct the image are in a straight line

Lens coatings

Lenses are coated in order to remove any glare and reduce internal light loss, resulting in greater image contrast and sharpness. Among the various types the most common are:

Coated: the simplest type, where there has been a single layer on at least one lens

Full-Coated: single layer on all air-to-glass surfaces. It gives improved brightness and higher contrast

Multi-Coated: multiple layers on at least one lens, resulting in clearer colours and UV-resistance

Lens coatings constitute a factor that should be considered when selecting a pair of binoculars. Choosing a binocular with good coatings will offer better optical performance and greater product satisfaction.

Field of view of binoculars

The field of view refers to the size of the area that can be seen while looking through a pair of binoculars from a distance of 1000m. It is measured either in meters or in feet. The field of view is strongly associated with the magnification, for example greater magnification results in a smaller field of view.

Eye relief

The eye relief, measured in millimeters, refers to the distance a binocular can be held away from the eye and still present the full field of view. Most quality binoculars have 25mm max eye relief. However, the eye relief can be reduced with the foldable eyecups, that most binoculars feature. Generally, eyeglass wearers find the binoculars with long eye relief easier to use.

Exit pupil

Exit pupil refers to the measurement of the circle of light that appears when you look through the binoculars, holding them at a short distance away from your eyes. It is the small bright circle that will appear in the middle of the eyepiece. It is easily measured by dividing the objective lens by the magnification power. For example, a pair of binoculars 7x50 will have an exit pupil of 7.1mm. Generally, the exit pupil of the binoculars should be similar to the eye pupils. During low light conditions pupils open to about 5-7mm to allow more light to pass through. Consequently, it is advantageous to have binoculars with large exit pupil at night or in low light conditions, as the larger the exit pupil the brighter the image. In brighter conditions the pupils contract to about 2-3mm, so binoculars with smaller exit pupils are required.

Types of focusing systems

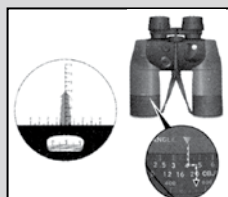
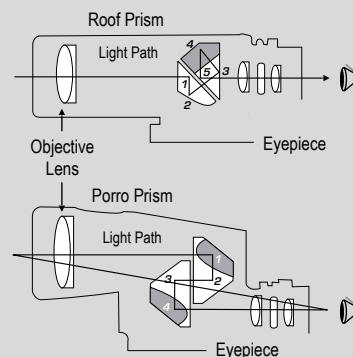
Generally, there are three types of focusing systems:

1. Binoculars with **auto focus** have been automatically focused during production and cannot be adjusted thereafter
2. The **central eye focus** binoculars feature a central roller to adjust the eye focus, allowing thereby a greater degree of fine tuning and offering sharper images
3. Some models also feature focusing systems on each eyepiece, where each focus can be adjusted according to the personal needs of each user. This kind of **separate focusing** is generally known as Diopter Control

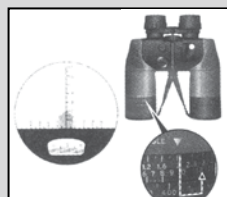
Range finding reticule

A range finding reticule in combination with a built-in compass converts a simple pair of binoculars to an extremely helpful navigation instrument. The illuminated inner compass gives you headings concerning the direction of the area you are looking. The reticule helps you calculate very easily the distance between you and a specific object or the height of an object. In most binoculars, you need to make calculations in order to find these data. However, there are models that offer you the data more easily.

More specifically:

**To calculate distances**

1. Focus on an object of which you know the height, e.g. 12m height. Count the number of lines the object covers on the scale, e.g. 4 full lines
2. Turn the upper ring, marked "ANGLE", of the range finder to 4
3. On the middle scale, marked "OBJECT SIZE", find the height of the object you know e.g. 12m height
4. The distance is clearly visible under the object's height at the lower scale "DISTANCE" e.g. 300m

**To calculate height**

1. Focus on an object, of which you know the distance, e.g. 600m. Count the number of lines the object covers on the scale, e.g. 2 full lines.
2. Turn the upper ring, marked "ANGLE", of the range finder to 2.
3. On the lower scale, marked "DISTANCE", find the distance from the object you know, e.g. 600m
4. The height of the object is clearly visible at the middle scale "OBJECT SIZE", above the known distance, e.g. 12m

Cleaning & Maintenance

In order to extend the binoculars' life you are advised to follow some general rules that are listed below:

- Keep the lens covered when binoculars are not in use
- Wipe the lenses with the cloth that comes with the binocular or with another soft cloth
- To remove any remaining dirt or smudges, add one or two drops of isopropyl alcohol to the cloth
- Store your binoculars in a dry area

NEVER attempt to clean your binoculars internally or try to disassemble them.

Binoculars

Binoculars Waterproof with Compass Sea Nav WECR 7x50

These waterproof binoculars greatly assist in your navigation. It's features render them ideal for use in marine environments. In addition to the 7x magnification and the 132m@1000m field of view, the waterproof Binoculars 'Sea Nav' WECR 7x50 feature a rangefinder to pinpoint distances and an internal compass, thereby assisting in gathering navigational data while viewing. The increased light transmission through the Porro BAK4 prisms and the body filled with dry nitrogen offer reliable operation with very low glare or internal fog. Lenses focus individually and they have foldable eyecups so that the binoculars can be adjusted to the user's exact needs, and also minimize side light. The robust construction and the rubber armouring will protect this high quality instrument from shocks, and impacts. This model is light and floats in the water, when used in combination with the provided strap. The Binoculars Sea Nav WECR 7x50 are available with neck strap, carry case and built-in lenses' cover.

Technical Specifications

Magnification x Objective Lens Diameter: 7 x 50
 Angle of Vision: 7,5°
 Exit Pupil: 6,8mm
 Eye Relief: 23mm
 Focus: Individual Eye Focus (Diopter Control)
 Waterproof: Yes
 Fogproof: Yes
 Floating: Yes
 Prism Type: Porro BAK-4
 Field of View: 132@1000m
 Rangefinder Reticule: Yes
 Lens Coating: Multi coated
 Housing: Rubber
 Compass: Yes
 Weight: 890gr
 Dimensions: 20x8x15cm



Code..... 31367



Range finding reticule scale

Binoculars Auto Sea Nav SAF 7x50

This is a light and easy to use set of binoculars that will assist in your navigation during cruising. The Binoculars Auto Sea Nav SAF 7x50 combine perfectly 7x magnification power, ruby red coating of the objective lens filtering out red light and Porro K9 prisms for brighter images. Additionally, it offers the convenience of the auto-focus, with a wide field of view of 133m at 1000m. It also features foldable eyecups for those viewing with glasses. It's rugged construction with rubber armouring will protect the binoculars, and offer you a better grip, even with wet hands. The binoculars Sea Nav SAF 7x50 come complete with strap, pouch and covers for the lenses.

Technical Specifications

Magnification x Objective Lens Diameter: 7 x 50
 Angle of Vision: 6,2°
 Exit Pupil: 7,1mm
 Eye Relief: 10mm
 Focus: Auto-focus
 Prism Type: Porro K9
 Field of View: 133@1000m
 Lens Coating: Fully coated
 Housing: Rubber
 Weight: 750gr
 Dimensions: 6,5x19x20cm



Code..... 31317



Binoculars Compact Sea Nav CFC 8x21

Being light and compact, the Sea Nav CFC 8x21 binoculars are a must for every sailor. The 128m@1000m field of view, the 2.6mm exit pupil, the centre focus and the roof prisms provide you with high quality, comfortable vision during the day. The housing is shock resistant, while the rubber armouring allows a better grip, and protects the binoculars from impacts. Additional features are the folding eyecups, ideal even for those wearing glasses. The Compact Sea Nav CFC 8x21 binoculars are supplied with a carry case, which can be attached to a belt.

Technical Specifications

Magnification x Objective Lens Diameter: 8 x 21
 Angle of Vision: 7,1°
 Exit Pupil: 2,6mm
 Eye Relief: 10mm
 Focus: Centre Focus
 Prism Type: Roof
 Field of View: 128@1000m
 Lens Coating: Fully coated
 Housing: Rubber
 Weight: 176gr
 Dimensions: 9.7x10.3x3cm



Code..... 31318



Monoculars



Code..... 31414



Code..... 31415

Laser Range Finder, Monocular, 6x25, SeaNav

- Magnification x Objective Lens Diameter: 6x 25mm
- Measuring Range 15m to 600m
- Field of view 122m at 1000m (angle of view: 7°)
- Liquid Crystal Display indicator (LCD)
- Overall Dimensions: 40 x 107 x 67mm
- Weight: 160gr
- Powered by 1 CR2 Battery (not included)

Night-Vision Monocular, SeaNav

- Vision under low light intensity
- Built-in IR illuminator to view objects clearly in dark conditions
- Very low power consumption
- Provided with functions against strong light and voltage stabilization
- Overall Dimensions: 172x82x60mm
- Weight: 438gr
- Powered by CR1234 battery (not included)

The Features and Benefits of Selecting a Lalizas by Ritchie Compass

When properly sized, installed and compensated a marine compass is the most important instrument on any boat. It will provide accurate, trouble-free heading references under the most adverse conditions without relying on electricity, radio signals or satellite communications.

The most important criteria when selecting a compass are dial size and mounting style. Quality components aid accuracy, smooth response, stability and trouble free operation. Although the size and shape of Ritchie Compass models may vary, this cut-a-way engineering illustration is representative of the modern technology that makes Ritchie the World's Best Marine Compasses.

NiteVu Night Lighting Systems

Most compass models are available with Ritchie's exclusive NiteVu night lighting. Each provides the optimum illumination of the dial and lubber lines without hindering important night vision. All NiteVu lighting systems come standard for 12V operation. Other voltages are available on special order.

Repair ability & Warranty

All Ritchie compasses are 100% repairable and are backed by Ritchie's exclusive 5-year Warranty. See "Warranty" on back cover for complete details.

Compass Bowls & Housings

Bowls and housings provide maximum protection and support for the internal compass components. They are made from brass or high-strength glass reinforced polymers.

Fluid Baffle & Roller Diaphragm

The steady performance of the Ritchie compass is enhanced by a baffle and roller diaphragm. Baffles reduce turbulence in the dampening fluid. Diaphragms allow the fluid to expand or contract with changes in temperature or pressure without forming bubbles.

Compass Dome

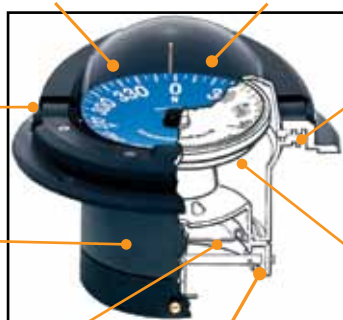
The compass dome allows the compass dial to rotate smoothly through heel, pitch and yaw motions. The dome also provides clear and accurate magnification of the dial. Our domes are made exclusively for Ritchie using a heavy-duty, optically clear polymer. It is formulated to prevent sun crazing and will stay stable throughout extreme temperature ranges.

Bezels & O-Rings

Sealing the entire compass assembly is critical to prevent fluid leakage. The Ritchie O-Ring is a custom blend compound that is non reactive with the dampening fluid. Bezels are formed from high strength plastics, aluminum or machined bronze.

Gimbal Systems

All Ritchie Compasses are engineered to operate normally within their environment without bottoming out due to the pitch and roll or heel of the boat. An internal gimbaling system is most often applied to provide this important function. This illustration shows the bi-axes gimbal system used in many Ritchie models. This dial assembly is suspended by Gimbal Rings and Pans formed from ultra-light weight aluminum and held in place with spring loaded brass pins. A Brass Counter Balance keeps the entire system level.



Corrector Magnets

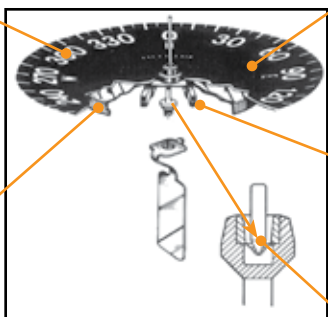
Deviation occurs when something on board such as masses of iron, engines, electric motors, electronics with speaker magnets, batteries, electronic instruments, tachometers with magnets, engine controls, steering wheels and electric appliances draw the compass magnets away from their attraction to the earth's magnetic field. All Ritchie compasses that are intended for use on boats that could have deviation problems, have built-in compensators. These compensators are non-interactive magnets that are balanced and optimally spaced for accurate correction. Compensation instructions are included.

Ritchie Dials

Dial measurements are given in the apparent visual size. Models are available in sizes from 2" (5.08cm) to 6" (15.24cm) in diameter. In many models you can select either a Traditional Flat Card or Direct Reading. The CombiDial, that is both flat card and direct reading dial in one, is also available in several Voyager, Helmsman and Navigator models.

PowerDamp Dial Performance

Each dial is engineered to provide the ultimate in steady, smooth performance and easy readability. Traditional Flat Dials are equipped with Ritchie's race proven PowerDamp® system, a light weight baffle that eliminates spinning and dial jumping at high speeds and in rough conditions. Direct Reading and CombiDial™ dials are formed so that their shape also provides PowerDamp performance.



Dial Readability

Ritchie Dials have been individually designed with extra large 5 degree numerals and easy to see degree increments. Precision spacing of increments allows the helmsman to hold a steady course within one or two degrees of the intended heading. Globemaster dials are also available with two degree increments on special order.

DirectiveForce Magnets

Ritchie uses special High Gauss Magnets that are field balanced and matched to each compass model, dial style and size. They are attached to the underside of the dial in pairs matched to seek and lock-on to magnetic north. This provides superior accuracy and smooth, rapid response.

Pivot and Jewel Movement

All Ritchie Compasses use a Hardened Steel Pivot and Triple Cup Sapphire Jewel Movement. They are microscopically matched to provide smooth dial operation and fast lock-on, under the most severe conditions. There are no plastic pivots or jewels in Ritchie Compasses.

Cleaning

To keep your compass clean and looking like new simply remove salt spray deposits or dirt by rinsing with clean fresh water and wipe carefully with a clean damp cloth. NEVER use strong detergents, chemical or abrasive cleaners.

Balancing Compass Dials

For the ultimate in accuracy, the dials in magnetic compasses should be balanced to compensate for dip caused by the earth's magnetic field. All Ritchie Compasses come standard balanced for Zone 1 (essentially all of the Northern Hemisphere).

When requesting balancing for Zone 2-7, please indicate the zone most central to your boating area. Once balanced for a specific Zone, the compass will maintain accuracy for one Zone north or south.



The Wheelmark Symbol denotes conformance with Standard ISO 10316(E) and ISO 613:2000(E).



The Regulations

Lalizas by Ritchie compasses come into the MED Directive 96/98 EC of the European Union, as it is amended, which refers to the obligatory marine equipment in EU vessels. They are approved under the standards ISO 10316:1990 (Class B Magnetic Compass Test and Certification) and ISO 613:2000 (Class B Ships and Marine Technology). All the Lalizas by Ritchie compasses bear the steering wheel mark, as a relevant certification.



Useful Terminology

Magnetic compass: A magnetic compass is a suitable guide for direction finding, reliable in most situations. It is the instrument that gives us the ability to accurately and consistently steer any boat on a desired course.

Deviation: All magnetic compasses are vulnerable to magnetic interference that will produce errors. The effect of this magnetism on the compass is called deviation. It is the Owner/Operator and/or Helmsman's responsibility to make sure the compass is properly installed and compensated.

Compensation: It is the act of correcting deviation. Magnets (speakers, microphones etc.), ferrous metals (steel, iron, etc.) and current carrying devices are common causes of deviation.

Variation: It is important to understand that magnetic compasses point towards Magnetic North. There is a difference between Magnetic North and True North and that difference is called variation. Variation differs depending on your geographical location and can be determined by referring to a local chart.

Installation

Selecting the proper location: The compass should be located in a flat and level surface (when the boat is on a level keel), close enough to the helmsman. Select a location that has no more than 20° deviation of any of the four cardinal points (N S E and W). Most compasses have a built-in compensator that will correct for fixed deviation up to 20 degrees. Please note that proper compensation is not possible when a compass is subjected to a variable magnetic field, such as the one caused by some shipboard devices.

Mounting the compass: Great care must be taken when mounting the compass, so that it is aligned with the keel of the boat. An alignment error is a constant error on all headings caused by the compass not being pointed in the same direction as the boat. One recommendation is to temporarily mount the compass using one fastener so if an alignment error is detected it is easily corrected.

Due to variations in bulkhead and deck materials, mounting screws are not supplied. Use hardware that is not magnetic and is suitable for your specific installation.

There are three different installation methods depending on the mounting style of the compass.

1. **Bracket Mount:** Only the bracket is permanently installed in the desired location, allowing you to remove the compass whenever you want

2. **Flush Mount:** Using the mounting template, you should do a cut out in the location, where the compass will be permanently installed. If you cannot access the compensation rods below, you need to allow for easy removal of the compass during compensation

3. **Surface Mount:** The compass can be permanently installed in the chosen location either with screws or with the mounting pads provided

Night light wiring: Lights should be wired to an appropriately fused 12V circuit in your electrical system. Connect the red wire (white on some models) to positive and black to ground. Some models have a second light assembly that should be connected to the same circuit.

Compensation: A built-in correcting magnet system consists of two sets of magnets fixed to the adjusting rods with slotted ends. Before starting compensation make sure you have a suitable location. You can compensate your compass either by just selecting a course on your chart and following certain instructions (preferred way) or with the use of GPS or Loran.

In case you have a steel boat or you have difficulty in compensating the compass, professionals Compass Adjusters may be required.

Maintenance / Service

Maintenance: Strong sunlight may decrease the life of your compass. Therefore, you must protect it from the sun with the special protective covers or with a lightly coloured cloth when you are not using your boat. In order to keep the compass clean, simply remove salt spray deposits or dirt by rinsing with clean fresh water and wipe carefully with a clean damp cloth. Never use strong detergents, chemical or abrasive cleaners.

Service: Lalizas by Ritchie compasses are designed to give many years of accurate heading information. However, in case you notice a bubble, cracks or the dome turning white, it is recommended that you have it serviced.

Warranty

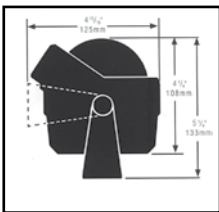
All Lalizas by Ritchie compasses have a five-year guarantee. If within five years of purchase date, a compass fails to give satisfactory service, it will be repaired or replaced without charge. This warranty does not cover breakage through accident or misuse.

Note: For more specific instructions concerning installation and compensation, check your compass' manual.



Compass Voyager B-81, with bracket mount

Code	71156
Colour	Black



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)

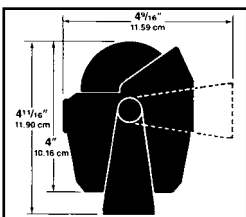


The Wheelmark Symbol denotes conformance with Standard ISO 10316(E) and ISO 613:2000(E).

Compasses Explorer B-51

Ritchie accuracy and mounting versatility are the perfect combination with Explorer Bracket Mount Compasses.

Code	31240	31241	31242
Description	Explorer B-51	Explorer B-51W	Explorer B-51G
Colour	Black	White	Grey



Specifications:

Boat Style/Size	Power/Up to 24 Feet (7.32m)
Dial Size/Design	2 3/4" (6.99cm)/Direct Read
Night Lighting	12V Green
Compensators	Built-in
Warranty	5-Year
Approx. Shipping Wt.	1 lb. (454g)

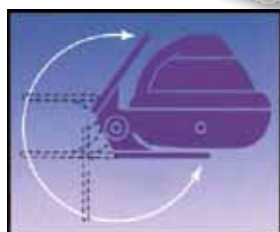




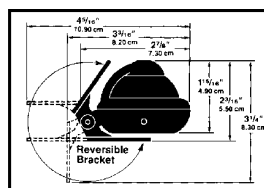
Compasses Sport X-10-M

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 boats or sport vehicles.

Code	31200	31201	31202
Description	Sport X-10-M	Sport X-10B-M	Sport X-10W-M
Colour	Grey	Black	White



The fully adjustable and reversible Bracket allows a mounting range of over 300° from over head, through angled and vertical mounts to horizontal surfaces. These mounting position options and your choice of mounting hardware permits mounting from windshield or supporting frame structures, to slanted dash boards and consoles to almost any flat, angled or vertical surface.



Specifications

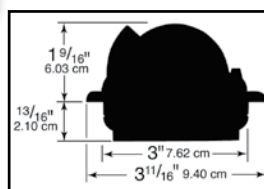
Boat Style/Size Power/Up to 16 Feet (4.88m)
 Dial Size/Design 2" (5.08cm)/Direct Read
 Night Lighting 12V Green
 Compensators Built-in
 Warranty 5-Year
 Approx. Shipping Wt. 5 oz. (142g)



Compasses Trek-35

The smallest of the flush mounts is big on performance.

Code	31230	31231	31232
Description	Trek - 35	Trek - 35W	Trek - 35G
Colour	Black	White	Grey



Specifications

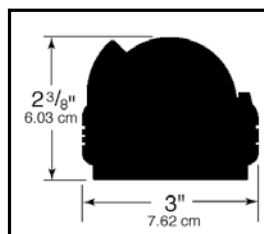
Boat Style/Size Power/Up to 20 Feet (6.10m)
 Dial Size/Design 2 1/4" (5.72cm)/Direct Read
 Night Lighting 12V Green
 Compensators Built-in
 Mounting Hole 3" (7.62cm)/Direct Read
 Warranty 5-Year
 Approx. Shipping Wt. 9 oz. (256g)



Compasses Trek-33

The surface mounted Trek is perfect for permanent mounting on small decks, dashes or consoles.

Code	31220	31221	31222
Description	Trek - 33	Trek - 35W	Trek - 35G
Colour	Black	White	Grey



Specifications

Boat Style/Size Power/Up to 20 Feet (6.10m)
 Dial Size/Design 2 1/4" (5.72cm)/Direct Read
 Night Lighting 12V Green
 Compensators Built-in
 Warranty 5-Year
 Approx. Shipping Wt. 9 oz. (256g)



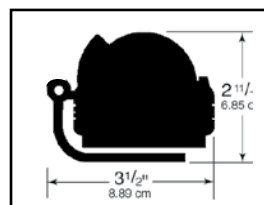
Compasses Trek-31

Versatile bracket mounting and three colour selections make these Treks the ideal choice for your boat and sporting vehicles.

Code	31210	31211	31212
Description	Trek - 31	Trek - 31W	Trek - 31G
Colour	Black	White	Grey



The fully adjustable and reversible Bracket allows a mounting range of over 300° from over head, through angled and vertical mounts to horizontal surfaces. These mounting position options and your choice of mounting hardware permits mounting from windshield or supporting frame structures, to slanted dash boards and consoles to almost any flat, angled or vertical surface.



Specifications

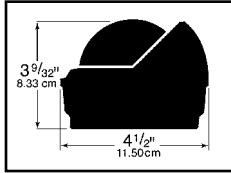
Boat Style/Size Power/Up to 20 Feet (6.10m)
 Dial Size/Design 2 1/4" (5.72cm)/Direct Read
 Night Lighting 12V Green
 Compensators Built-in
 Warranty 5-Year
 Approx. Shipping Wt. 9 oz. (256g)

Compasses

Compasses Voyager S-87

Here's the low-profile look and the stability or permanent mounting.

Code	31260	31261
Description	Voyager S-87	Voyager S-87W
Colour	Black	White



Specifications

Boat Style/Size Power/Up to 28 Feet (8.54m)
 Dial Size/Design 3" (7.62cm)/Flat Card or Direct Read
 Night Lighting 12V Green
 Compensators Built-in
 Warranty 5-Year
 Approx. Shipping Wt. 1 lb. 3 oz. (539g)

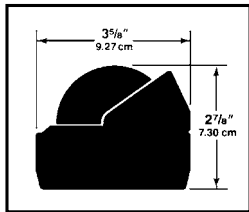


The Wheelmark Symbol denotes conformance with Standard ISO 10316(E) and ISO 613:2000(E).

Compasses Explorer S-53

The Explorer Surface Mount compasses combine size and accuracy with a push button system for easy-on mounting, easy-off storage and security.

Code	31250	31251	31252
Description	Explorer S-53	Explorer S-53W	Explorer S-53G
Colour	Black	White	Grey



Specifications:

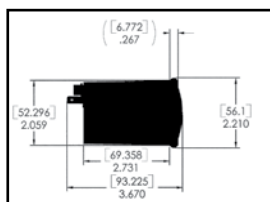
Boat Style/Size Power/Up to 24 Feet (7.32m)
 Dial Size/Design 2 3/4" (6.99cm)/Direct Read
 Night Lighting 12V Green
 Compensators Built-in
 Warranty 5-Year
 Approx. Shipping Wt. 1 lb. (454g)



Compass Sport X-21 Bulkhead Mount

It is the ideal compass for a refined and discreet look of the boat's bulkhead. Its high quality construction enables it to operate even if the boat has a 30o angle of heel.

Code	31359	31360	31361
Description	Sport X-21	Sport X-21	Sport X-21
Card Colour	White	Black	Blue
Cover Colour	White	Black	Black



Specifications

Boat Style / Size Power / Up to 16 Feet (4.88m)
 Dial Size / Design 2" (5.08cm) / Direct Read
 Night Lighting 12V Green
 Viewing Adjustable to 30o
 Mounting Hole 2 1/16" (5.00cm)
 Warranty 5-Year
 Approx. Shipping Wt. 5oz. (142gr)



Compass Explorer V-537 Bulkhead Mount

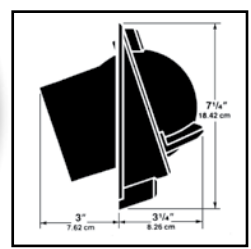
Just another small wonder for your sailboat. Designed and constructed especially for sailboats up to 7m.

Code	31362	31363	31364
Description	V-537W	V-537	V-537B
Colour	White	Black	Blue

Specifications

Boat Style / Size Sail / Up to 24 Feet (7.32m)
 Dial Size / Design 2 3/4" (6.99cm) / Direct Read
 Night Lighting 12V
 Compensators Built-in
 Mounting Hole 3" (7.62cm)
 Warranty 5-Year
 Approx. Shipping Wt. 1lb. (454gr)



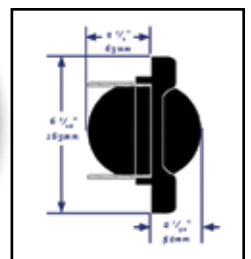


Compass Navigator BN-202 Bulkhead Mount

For those adventurous sailors, who seek perfection in every item and device on their boat, the Navigator BN-202 is ideal. Rugged construction, dynamic design, built-in clinometer and easy to read card are just a few of the features that this compass is equipped with.

Code	31366
Card Colour	Red
Cover Colour	Black

- Specifications**
- Boat Style / Size Sail / 28 to 45 Feet (9,15m to 13,73m)
 - Dial Size / Design 4 1/2" (11,43cm) / CombiDial
 - Night Lighting 12V Green
 - Compensators Built-in
 - Mounting Hole 5 3/4" (14,61cm)
 - Warranty 5-Year
 - Approx. Shipping Wt. 2lb. 5oz. (1,05kg)



Compass Venture SR-2 Bulkhead Mount

Designed for sailboats from 4.90 to 10.70 meters. Supplied with Clinometer (INC- 45)

Code	31199
Card Colour	Blue
Cover Colour	Black

- Specifications**
- Boat Style / Size Sail / 16 to 36 Feet (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-Year



The Wheelmark Symbol denotes conformance with Standard ISO 10316(E) and ISO 613:2000(E).

Hand Bearing Compasses



Hand Bearing Compass SportAbout X-11 w/ 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

Code.....71207



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

ADVISOR

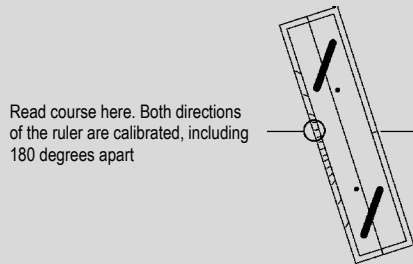
Parallel Rulers

Parallel rulers are used to measure course bearing.
USING THE RULER WITH THE PROTRACTOR SCALE

The protractor scale in combination with the parallel rulers give you direction in degrees, using any meridian of longitude. Follow the steps below:

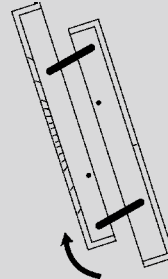
1. Align the ruler on the course line required
2. Walk the ruler until the center point 'S' at the rear is right on the nearest meridian of longitude
3. The direction is shown using the scale of degrees on the ruler's edge, which the same meridian crosses. The outer scale (smaller numbers-0o to 180°) is used if traveling in an easterly direction, while the inner scale (bigger numbers-180° to 360°) is used if the direction is westerly

This ruler can also be used as a plotter on badly creased charts that do not allow walking the ruler to the compass rose.



Read course here. Both directions of the ruler are calibrated, including 180 degrees apart

Line up the mark 'S' on the nearest meridian of longitude



Lift and swing one rule, while holding firmly in place the other. The rulers are moved in a walking action.

BEST VALUE



Parallel ruler

Code	94008	94009
Length	38cm (15")	30cm (12")

ADVISOR

Dividers

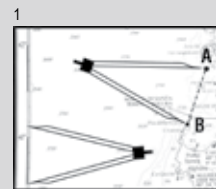
Dividers are mostly used in conjunction with the latitude scale to measure the distance between two chosen points on the nautical chart.

How to use the dividers

Place one pin of the dividers on the first point (A) and the other pin to the second point (B) as shown in Figure 1. Then, maintaining the spread, move the dividers to the latitude scale on the side of the chart (Figure 2). Always use the latitude scale situated in the same horizontal region you are measuring

Occasionally the distance between the two points that you need to measure on the chart may be over the full spread of the dividers. In this case, you measure the distance following the steps below

1. Draw a straight line between the two points. The line will be your guide to walk the dividers. Alternatively you may use a straight edge to guide the dividers
2. Set the dividers to a whole number, using the latitude scale
3. Maintaining the span, place the dividers along the line with one pin on the first point
4. Walk the dividers along the line, by swinging one leg past the other, making sure that the pins are always set on the line, and that the span is not closed or opened. (See Figure 2)
5. Count the steps and multiply by the whole number that you set the dividers in the beginning
6. Adjust the span to the remainder of the distance and move the dividers to the latitude scale
7. Add the last number to the cumulative total of the previous steps. This is the distance you want to measure



BEST VALUE

Straight pattern brass dividers

Dividers are necessary tools in distance calculation and generally in navigating the boat. Lalizas dividers are constructed with 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")



BEST VALUE

Single handed 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 considered to be the best nautical dividers available.

Code	93968	93969
Length	17,8cm (7")	20,3cm (8")



Sailboat Hardware

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Vinyl Foam Thermal & Sound Insulating Tape, black



Marine Duct Tape

Sailing Ropes



Superline Braided, Dyneema 100%

It is ideal for the optimist boats, but also for spear gun.

Code	63452	63156	63453
Diameter (mm)	1	2	3
Colour	red/ black-white	yellow/ black-white	blue/ black-white
Length (m)	200		
Breaking Load (kg)	100	130	360

Cabo



Wind-Surf Rope

Made of Polyester high tenacity, UV protected, with a very large variety of colours. This product is excellent to be used as flag rope.

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

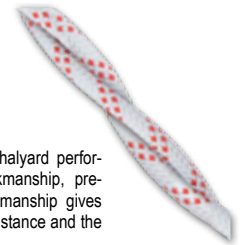
Hoisting Ropes & Hallyards



Scotta rope for racing yachts

Polyester double braid is an extremely flexible, long wearing manufacturing that is easy to splice and ideal for all types of running. During manufacturing, a special tension setting process removes most of the residual elongation, while adding dimensional stability. This assures that this rope will maintain the same easy handling qualities throughout its service life.

Cabo



Cruising Rope "Halyard"

The specific rope has excellent halyard performances. The special core workmanship, pre-stretched and three strand workmanship gives exceptional quality to the high resistance and the low stretching.

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
94789	6mm / blue	200	770
94790	6mm / red		
94791	8mm / blue		1.330
94792	8mm / red		
94793	10mm / blue		2.150
94794	10mm / red		
98994	12mm / blue		2.860
71747	12mm / red		
94797	14mm / blue		4.190
94798	14mm / red		

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
92066	4mm / white with blue braid	200	330
92074	6mm / white with blue braid		770
92078	8mm / white with blue braid		1.330
92082	10mm / white with blue braid		2.150
92086	12mm / white with blue braid		2.860
92090	14mm / white with blue braid		4.190

Code	Diameter / Colour	Length (m)	Breaking Load (kg)
92006	3mm / white with red braid	200	230
92009	4mm / white with blue braid		360
92013	5mm / white with blue braid		500
92017	6mm / white with blue braid		840
92020	8mm / white with black braid		1.460
92021	8mm / white with blue braid		
92022	8mm / white with red braid		2.360
92025	10mm / white with blue braid		
92026	10mm / white with red braid		3.170
92029	12mm / white with blue braid		
92030	12mm / white with red braid		

Cabo



Marine shock cord, covered by polyester for nautical uses

Code	Diameter	Length (m)	Breaking Load (kg)
90550	3/16" (5mm)	200	90
90551	1/4" (6mm)		
90552	5/16" (8mm)		110
90553	3/8" (10mm)		



Olive for shock cord

Code	Diameter (mm)	Weight (gr)
90587	5	15
90588	6	15
90589	8	20

Wire Accessories



Copper sleeves

Code	92660	92661	92662	92663	92664	92665
Diameter (mm)	2	2,5	3	4	5	6

Rigging Accessories



**Delta Ring,
No 80, Inox 304**
Code...00003



**D-Ring,
50mm, Inox 304**
Code...00153



Inox Block
Code..10134



Single Block, 10mm
Code..10131



Single Block with Becket, 10mm
Code..10132



Fiddle Block, 10mm
Code..10133

Winch Handles

Winch Handles

Lalizas Winch Handles have been designed to operate efficiently with the minimum of effort. They are lightweight, easy to handle and highly resistant to the marine environment, as they are made of anodised aluminium. Lalizas winch handles are available in two lengths 20cm and 25cm, each with or without locking mechanism and speed handles with ball bearings enclosed.

Code	Description
11856	Aluminium Winch Handle Locking - 20cm
11857	Aluminium Winch Handle Locking with speed handle - 20cm
11858	Aluminium Winch Handle - 20cm
11859	Aluminium Winch Handle with speed handle - 20cm
11860	Aluminium Winch Handle Locking - 25cm
11861	Aluminium Winch Handle Locking with speed handle - 25cm
11862	Aluminium Winch Handle - 25cm
11863	Aluminium Winch Handle with speed handle - 25cm



Cam Cleats & Accessories



Cam Cleat 3-8mm
Code..10141



Cam Cleat 8-12mm
Code..10142



Top fairlead for cam cleat

Code	92564	92565	92566	92567	92573	92574
For cam cleat	10141			10142		
Colour	Black	Red	Yellow	Blue	Black	Red

Sail Accessories



Inox hook 316

Code	Dimensions (mm)
70623	6x50
70624	8x50
70625	10x65

Steering Equipment



BEST VALUE

Urethane UNIVERSAL joint suits

Code.....95854

Bosun's Chairs

ADVISOR

Use

A Bosun's chair is a special chair designed for use both on boats and at any environment involving work at height. A bosun's chair gives you the freedom to accomplish many tasks at certain heights, but keeping you safe at the same time. Lalizas offer you two types of bosuns chair that are intended for professional or personal use.

Instructions of Use

In order to use the chair safely, it is important that it is fitted correctly. The bosun's chair is worn under your legs and then the straps and safety belts are adjusted giving you a good fit but it is not too loose or tight. Finally, secure the halyard to the D-Rings. Under no circumstances should you use a snap hook instead of halyard, as it is not as strong and cannot hold much weight. The harnesses should have a perfect fit on your body. For your safety, Lalizas suggest that you also use a special safety harness in combination with the bosun's chair.

Maintenance / Replacement

Like all Lalizas products, bosun's chairs are constructed according to the highest quality construction standards, so that they last and offer you safety, without being uncomfortable. Nevertheless, you should take care of your bosun's chair in order to maintain all it's functions. Such products should not come in contact with extreme temperatures and sharp surfaces. Also after each use, they should be washed in clear water. If you do not use it properly and you notice any cuts or tears on the chair or its straps, you should replace it immediately.



BEST VALUE



Code.....10210



Professional Bosun's Chair

The Lalizas Professional Bosun's Chair has been designed according to the highest quality standards, so that it can be used by professionals.

Safety Bosun's Chair

This bosun's chair is made of reinforced Nylon 210D with PVC backing, 0,35mm thick. It comes complete with safety straps for added security, fitted side pockets for tools and a padded wooden seat. Lalizas offers you a bosun's chair to allow you to work comfortably, safely and in balance.



BEST VALUE

Code.....10080

BEST VALUE



Wooden Seat for Professional Bosun's Chair 10210

Code.....01169

- 1) Reinforced Nylon with PVC backing and PP webbing
- 2) Supreme comfort for extended time aloft
- 3) Comfortable wrap-around back
- 4) Adjustable strap between the legs for extra safety
- 5) Stows in its own bag, which becomes a tool pouch when the chair is in use
- 6) Attached side tool case
- 7) Pocket to fit an optional wooden seat (code: 00169)
- 8) Retroreflective tapes for better visibility
- 9) Floats in the water when it is empty

Rigging & Sail Repair Tapes

Mounting Tape, white

Fixing on-board now becomes far easier, with this double-sided adhesive tape. It is suitable for mounting pictures or any other decoration on most types of dry and smooth surfaces.



Code	Dimensions
11850	2mm x18mm 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 item to be mounted. Press firmly on the liner for a better result.
3. Remove the liner and press the object firmly onto the bulkhead



Note: If you wish to remove the mounted item, insert a knife behind the mounted item and cut the tape between the two surfaces. Do not pull the item, this will avoid damaging either the surface or the item itself.

Masking Tape, cream

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. Supplied in cream and 3 different sizes.



Code	Dimensions
11851	20mm x 50m
11852	25mm x 20m
11853	50mm x 50m



Self-Adhesive Velcro

Code	Dimensions
11553	20mm x 1m

Vinyl Foam Thermal & Sound Insulating Tape, black

This thermal & sound insulating tape is suitable for pipeline protection from freezing, and increasing insulation. As an additional bonus, use of this tape will also increase sound insulation. It can also be used between the hull and the sole boards, so as to minimize any potential squeaking noises. The tape is available in different sizes.



Code	Dimensions
11854	50mm x 5m
11855	25mm x 5m



Sail Repair Tape, white

Code	Dimensions
11844	100mm x 1,5m



Sail Repair Tape, clear

Code	Dimensions
11554	50mm x 3m
11555	100mm x 3m

Marine Duct Tape

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	Color
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



Spinnaker/Sail repair tape, white

Code	Dimensions
11845	4,5m x 50mm



Nonslip Tape, General Purpose

Code	Dimensions	Colour
11846	25mm x 5m	Black
11847	25mm x 5m	White



Marine Neoprene Tape "Hatchseal"

Code	Dimensions	Color
11551	3m x 19mm x 3mm	Black
11552	3m x 19mm x 6mm	Black



Nonslip Tape, with elasticity

Code	Dimensions	Colour
11848	25mm x 5m	Black
11849	25mm x 5m	Grey

Webbing & Webbing Adjusters



NEW

Code	Description
00043	Polyester Webbing 25mm, 0,9mm thickness, White, (Roll 50m)
02035	Polyester Webbing 25mm - Yellow - (Roll 50m)
02262	Polyester Webbing 25mm, 1,3mm thickness, White, (Roll 50m)



Strap regulator

Code	00071
Colour	Blue



Delta Ring, No 80

Code...00003



D-Ring, 50mm

Code...00153

BEST VALUE



Buckle female, 50mm

Code...00152

BEST VALUE



Buckle male, 50mm

Code...00151

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