



# LGS



# Lifting Gear & Safety

Marine Safety Catalogue

LGS.MC.1

[www.lgsmarine.co.uk](http://www.lgsmarine.co.uk)



# Introduction

LGS Marine is a specialist division of the LGS Group and offers the hire, sales and service of a huge range of Marine Safety products. LGS (Lifting Gear & Safety) was founded in 2009 and currently has 8 locations situated along the coasts of South Wales & the South West of England. LGS Marine joined the family in 2012 and was formed to embrace and build upon a host of activities that clearly compliment the company’s lifting business.

Since its inception in Bristol, the division has gone from strength to strength and now has bases in Bristol, West Wales, Devon & Cornwall and in Fareham on the South Coast.

The key to this success is – as ever – the people. LGS feels extremely privileged to boast a highly experienced and knowledgeable team who have demonstrated enormous commitment both to the company and their customers. A genuine passion and love for the business has been very evident. This, combined with exceptionally high levels of service, has been the basis for building such a high quality and loyal customer following.

This is our first catalogue and has been produced in association with our core partner Lalizas ~ a most respected name within the industry. We hope it provides a useful overview to the vast range of products and services you can expect from LGS Marine.

- Sale of everything from a First Aid Kit to Mooring Ropes
- Hire of Liferrafts, Lifejackets, Immersion suits & EPIRBs
- Service of Life Jackets, Liferrafts , Breathing Apparatus
- Manufacture of fibre rope assemblies

We invite you to browse our catalogue and we’d be delighted to hear from you. Our helpful and friendly local teams are on hand to help.



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## Our Partners

We are proud to be distributors for many of the leading brands within our industry which ensures our products are of the highest quality. In particular we are the main UK agents for the LALIZAS range of marine safety products.

Working closely with Lalizas has enabled us to stock a large range of products on the shelf ready for quick dispatch across the country, when and where you need it! Our partnership also gives you peace of mind that we are part of a global service network with the back up of one of the worlds leading manufacturers.





# Services

## Life Raft Servicing

LGS Marine are approved to service many of the leading brands of life rafts on the global market. Our vastly experienced engineers are fully trained and carry out servicing in modern and compliant workshops.

Like all life saving equipment life rafts should be serviced regularly in accordance with manufacturers guidelines and UK regulations.

Our well stocked workshops based in local depots ensure that we can offer a first class service at competitive rates.

Why not give us a try and have the peace of mind that your raft has been thoroughly serviced and ready for any emergency



## Life Jacket Servicing

Lifejackets are often subjected to harsh conditions and over time the quality of the material and components can deteriorate.

Regular servicing by a competent engineer will ensure that everything from the stitching to the CO2 canister will work correctly when you most need it.

At LGS Marine our engineers have seen practically every make, model and configuration of life jacket over the years. They will carry out a professional check of your jacket and inform you its condition with a full report and certificate.



## Immersion Suit Servicing

Immersion suits must be serviced every three years for commercial vessels, with suits over ten years old to be serviced annually. Our customers require a speedy turnaround and to facilitate that we can service, repair or exchange your immersion suits to ensure you are not delayed.

We also part of a global network of service stations so you can be assured that where ever you are in the world, you can get your suit serviced.



## BA & Escape Set Servicing

We are an approved service and repair centre for both Emergency Evacuation Breathing Devices and Self Contained Breathing Apparatus.

Our workshops carry a full range of spares in stock, enabling us to offer a thorough service by a competent engineer with a quick turnaround.

As with all our Lalizas products you are backed up by a global network of service stations.

## Pyrotechnics Disposal

Pyrotechnics must be treated as hazardous items and it is imperative that they are disposed of responsibly and in accordance with local regulations.

As well as selling a full range of pyrotechnics, we also have our own fully qualified dangerous goods drivers. They are licensed to collect, pack and dispose of class 1 explosives and class 9 miscellaneous.

If in doubt please contact our helpful marine team who are on hand with friendly advice.





## Hire

LGS operate a modern fleet of hire rafts to cater for everyone from the leisure sailor, charter skipper right up to large commercial operators.

We pride ourselves on offering competitive rates, flexible payment options and a first class service to suit you.

With eight depots and a host of drop off & collection points we offer our hire service across the UK. Hire periods start from a weekend or tailored packages to include a full servicing programme.

Our hire fleet includes:

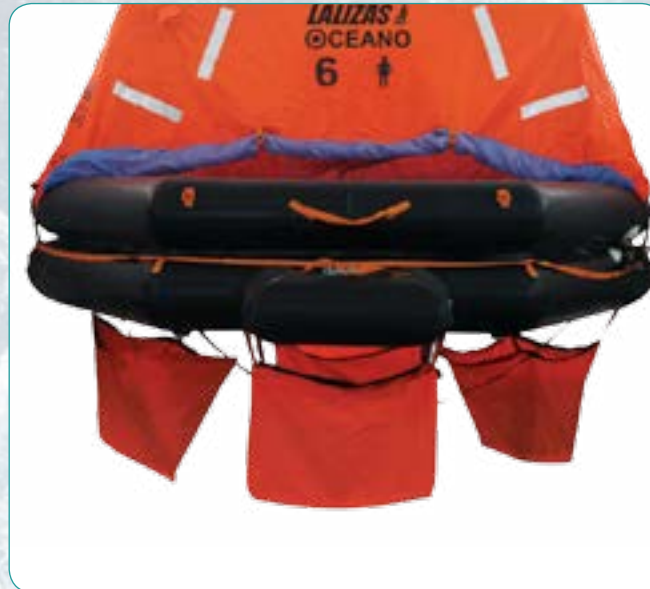
- Leisure Rafts
- ISO Rafts
- Open Reversible Rafts
- SOLAS rafts

We also supply a full range of accessories and the relevant safety pack depending on your requirements.

In addition to our fleet of life rafts we also hire a range of accessories including life jackets, immersion suits and EPIRBs.

The flexibility to hire an item when required, short or long term, can save you money whilst LGS take on the responsibility of ownership.

To discuss your requirements please contact our friendly team at any of our depots.



## Rigging

LGS hold a large range of ropes in stock with everything from a small diameter polypropylene rope at one end of the spectrum, to a 72mm mooring rope at the other end.

We are also fortunate to have many skilled riggers within our depots who can offer a wide range of services, whether its splicing combination rope or a pilot ladder we have it covered.

This page is designed to give you an overview of what we can do, however if its rope related we are almost certainly able to help you.

## Mooring Ropes & Tails

Our high quality yet cost effective ropes are manufactured to your requirements and are available of the shelf up to 72mm diameter.

Ropes can be supplied with soft or hard eye and with a protective sleeve.

## Pilot Ladders, Embarkation Ladders & Gangway Nets

LGS can supply made to order pilot & embarkation ladders, as well as gangway nets to suit. A variety of options are available on ladder components and terminations depending on your requirements.

We can also repair and re-certify all these products in-house.

## Ropes

To see our full range of ropes please ask for our rope catalogue, which provides in depth details on the full range, which includes

- Plasma & Dyneema Rope
- Nylon, Polyester & Polypropylene
- Combination Rope
- Braided Ropes
- Various specialist ropes





SOLAS Liferafts



LALIZAS Liferaft SOLAS OCEANO, Throw Over-board Type

Lalizas Oceano Liferafts, ideal for use on board commercial vessels engaged on international voyages.

- 6, 8, 10, 12, 15, 20, 25, 30 & 35 person
- Pack A & Pack B
- Throw overboard
- Deck Cradle included in the box
- Stowage Height up to 36m (Painter line up to 46m)

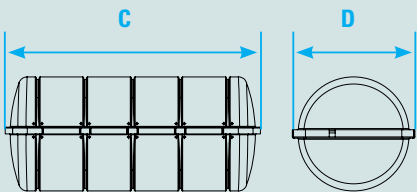
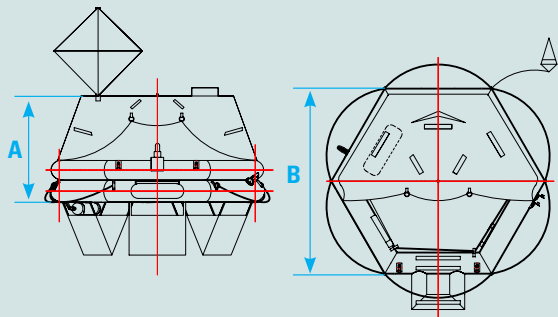


SOLAS/MED (Maritime Equipment Directive 96/98/EC as last amended). Certified as Items A.1/1.12 Inflatable Liferafts and tested per the applicable Standards, as stated within the frameworks of the MED Directive, i.e. SOLAS 74 as amended, i.e. Reg.III/4, Reg.III/13, Reg.III/21, Reg.III/26, Reg.III/31, Reg.III/34 and X/3, LSA Code I and IV, IMO Res. MSC.81(70), MSC.207(81), MSC.218(82), MSC.226(82), MSC.295(87), MSC/Circ.811, 1994 and 2000 HSC Code 8.

SOLAS Liferafts



6 Persons



Code	Persons	Pack	Dimensions (mm)				Cradle Dimensions (mm)
			A	B	C	D	
79867	6	A	1200	2104	1090	615	600 x 560
79903		B			1045	545	

List of Equipment:

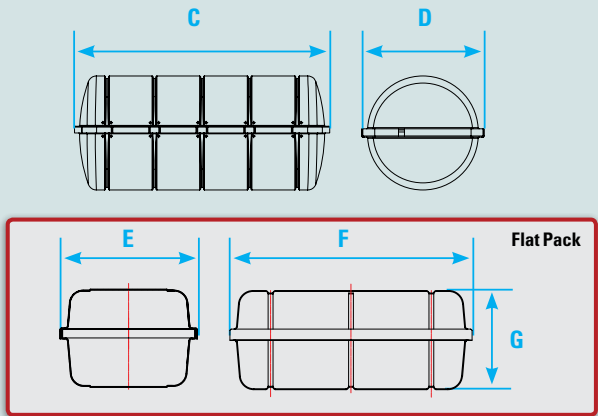
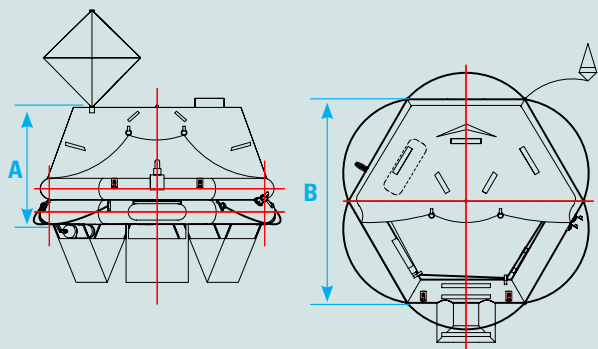
	AMOUNT	
	SOLAS Pack A	SOLAS Pack B
	(Up to 12 persons) 1 pc (More than 12 persons) 2 pcs	(Up to 12 persons) 1 pc (More than 12 persons) 2 pcs
Portable buoyant bailer		
Sponge	2	2
Buoyant paddles	2	2
Whistle	1	1
Waterproof torch (with separate battery and bulb)	1	1
Signalling mirror	1	1
Anti-seasickness pills, per person	6	6
Seasickness bag, per person	1	1
Red hand flares	6	3
Red parachute flares	4	2
Repair kit	1	1
Bellow	1	1
Operational manual	1	1
Survival at sea - Instruction Manual	1	1
Table of the life-saving signals	1	1
Log Book	1	1
First-aid kit	1	1
Orange Smoke Signals	2	1
Food ration, per person	10000kJ	-
Fresh water, per person	1,5L	-
Sea-anchor	2	2
Tin opener	3	-
Fishing tackle	1	1
Radar reflector	1	1
Thermal protective aids	2	2
Drinking cup	1	-
Buoyant rescue quoit	1	1
Safety Knife	(Up to 12 persons) 1 pc (More than 12 persons) 2 pcs	(Up to 12 persons) 1 pc (More than 12 persons) 2 pcs

SOLAS Liferafts



0098

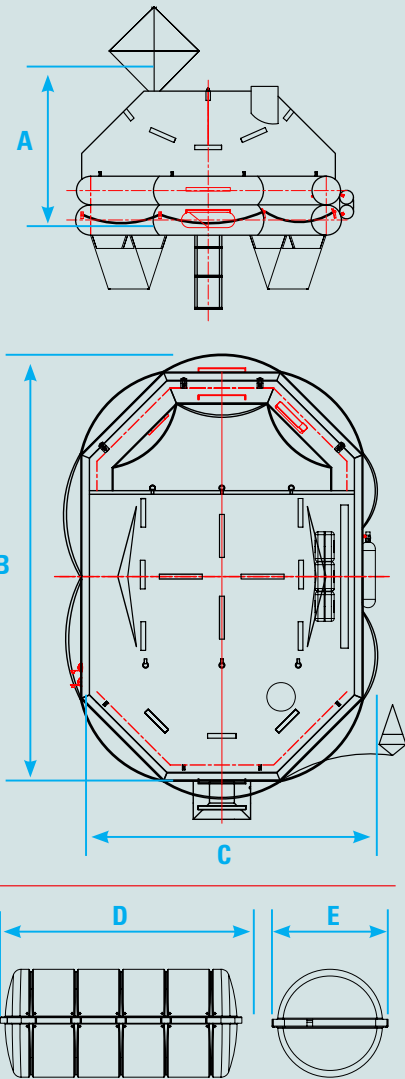
8, 10, 12 & 15 Persons



Code	Persons	Pack	Dimensions (mm)							Cradle Dimensions (mm)
			A	B	C	D	E	F	G	
79868	8	A	1250	2390	1090	615	-	-	-	600 x 560
79880		Flat - A			-	-	564	994	405	
79904		B			1045	545	-	-	-	
79869	10	A	1400	2694	1230	630	-	-	-	
79905		B			1090	615	-	-	-	
79870	12	A	1500	2924	1230	630	-	-	-	
79882		Flat - A			-	-	664	1044	405	
79906		B			1090	615	-	-	-	
79871	15	A	1600	3238	1285	670	-	-	-	600 x 660
79907		B			1230	630	-	-	-	600 x 560

SOLAS Liferafts

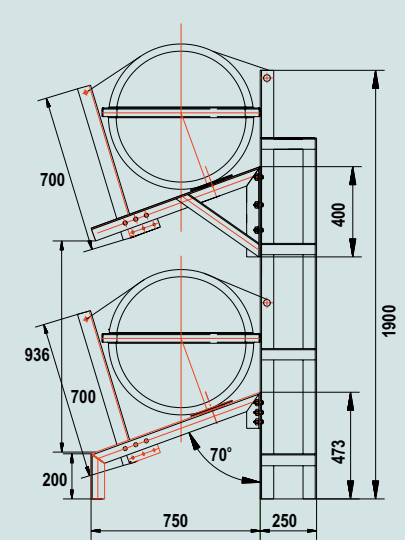
20, 25, 30 & 35 Persons



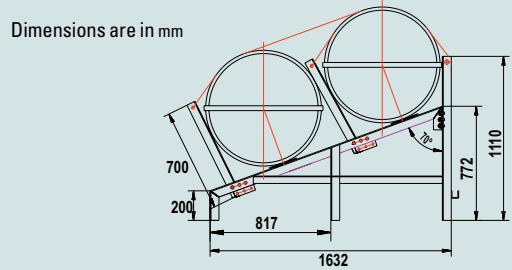
0098



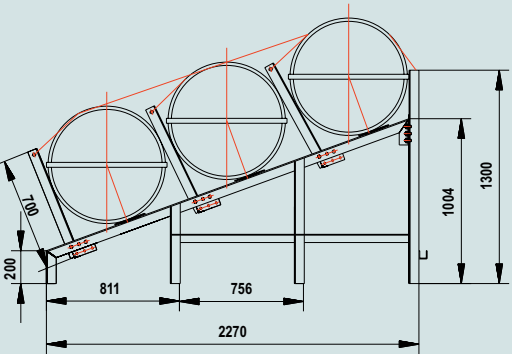
Code	Persons	Pack	Dimensions (mm)					Cradle Dimensions (mm)
			A	B	C	D	E	
79873	20	A	1600	4304	2974	1335	696	600 x 660
79909		B				1285	670	600 x 560
79874	25	A	1650	4894	3194	1490	757	1000 x 710
79910		B				1335	696	600 x 660
79875	30	A	1700	5384	3414	1700	765	1000 x 710
79911		B				1490	757	600 x 660
79876	35	A	1750	5899	3568	1700	765	1000 x 710
79912		B				1490	757	600 x 660



Vertical Cradle for SOLAS OCEANO,  
2-tier, 6-25(A), 6-35(B)  
Code.....72119



Cradle for SOLAS OCEANO,  
2-tier, 30-35(A)  
Code.....72136



Cradle for SOLAS OCEANO,  
3-tier, 6-25(A), 6-35(B)  
Code.....72120



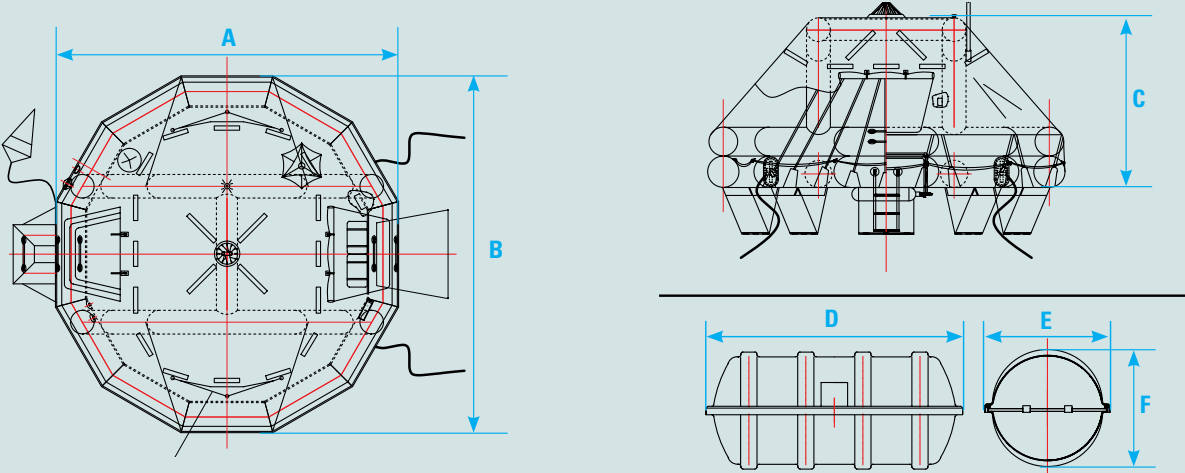
SOLAS Liferafts

LALIZAS Liferaft SOLAS OCEANO, Davit-Launched

LALIZAS OCEANO Davit-Launched Liferafts can be used at all kinds of vessels, providing safe evacuation from the vessel's deck.



15, 20 & 25 Persons



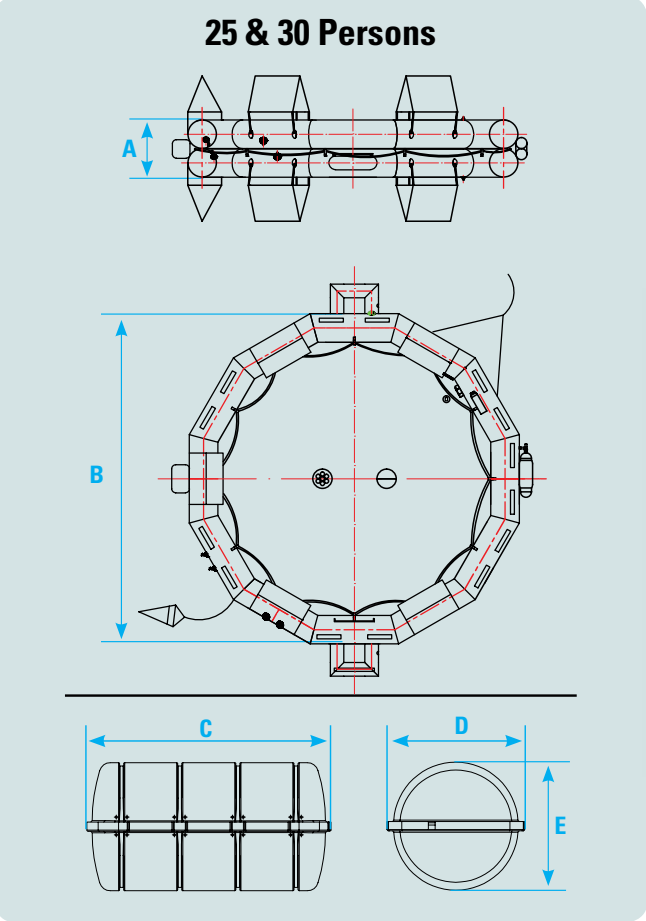
Code	Persons	Pack	Dimensions (mm)						Cradle Dimensions (mm)
			A	B	C	D	E	F	
79883	15	A	3220	3310	1550	1350	700	660	600 x 560
79887		B				1285	670	575	
79885	20	A	3715	3815	1850	1470	750	710	600 x 660
79888		B				1350	700	660	600 x 560
79886	25	A	4065	4225	2000	1680	770	710	600 x 660
79889		B				1470	750	710	

SOLAS Liferafts



LALIZAS Liferaft OCEANO, Open Reversible Type

LALIZAS OCEANO Open Reversible Liferafts are ideal for passenger ships operating in inland or coastal waters.

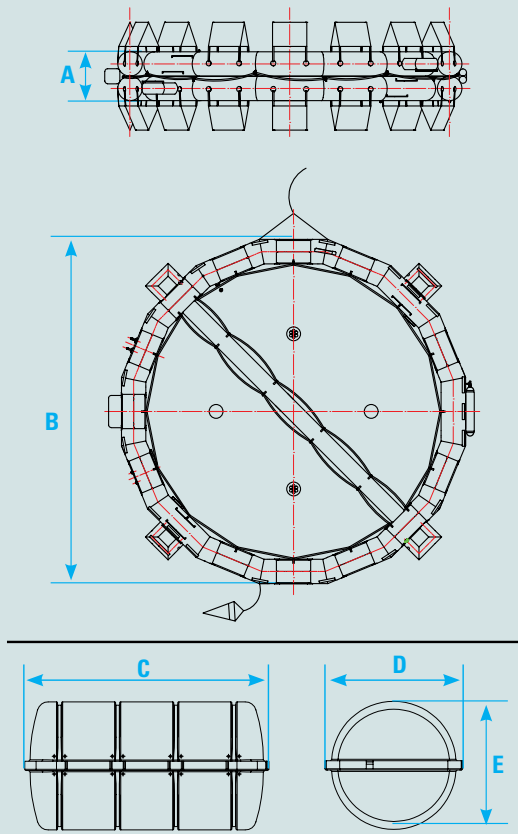


Code	Persons	Pack	Dimensions (mm)					Cradle Dimensions (mm)
			A	B	C	D	E	
79898	25	HSC	712	4114	1090	615	530	600 x 560
79899	30		746	4474	1230	630	550	



Code	Persons	Pack	Dimensions (mm)					Cradle Dimensions (mm)
			A	B	C	D	E	
79900	50	HSC	854	5680	1490	757	678	600 x 660
79901	65		914	6434	1700	765	680	

50 & 65 Persons



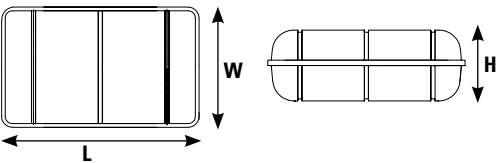
ISO Liferrafts

Liferrafts ISO-RAFT CE ISO 9650-1

Lalizas ISO liferafts are available in 4 to 12 person versions, are fitted with a single floor as standard and are designed to be extremely safe. The ISO RAFT combines, compact size and structural integrity with proven liferaft design. The LALIZAS ISO RAFT is automatically inflated by a 12-meter painter line and its inflation system provides enough gas to inflate all the buoyancy chambers. The main body of the liferaft consists of two buoyant chambers inflated through a non return valve ensuring the flotation of the liferaft.

Each chamber is capable of fully supporting the raft with its maximum number of occupants. The ISO RAFT is manufactured and tested according to ISO 9650-1 & ISO 9650-3 standards as last amended for Safety, and offers highly visible, stable, sheltered conditions for the occupants.

It can be packed either in a canister or in a waterproof valise. The LALIZAS ISO-RAFT Inflatable Liferaft Series is initially certified by Polish Register of Shipping-1463 and furthermore approved by the Maritime Authority of the Country of Destination in case it is needed.



Code	78800	78810	78820	78830	78840
Persons	4	6	8	10	12
Container	Canister				
Total Weight (kg)	38	42	50	56	62
L (mm)	760	760	770	820	920
W (mm)	480	480	550	570	570
H (mm)	330	330	345	355	340

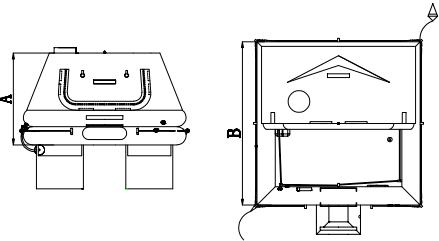
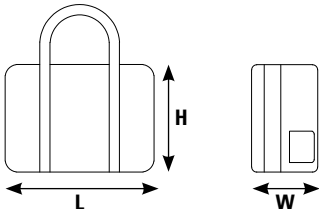


Canister



Valise

Code	78850	78860	78870	78880
Persons	4	6	8	10
Container	Valise			
Total Weight (kg)	32	36	38	45
L (mm)	680	710	710	800
W (mm)	400	420	420	470
H (mm)	250	280	280	300



Model	Dimensions (mm)	
	A	B
ISO-RAFT 4	1170	1634
ISO-RAFT 6	1200	1956
ISO-RAFT 8	1250	2224
ISO-RAFT 10	1300	2458
ISO-RAFT 12	1350	2667

Features & Specifications

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

Standard Equipment

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

Coastal Liferaft

Coastal Liferaft

Our coastal liferaft is suitable for many applications including coastal leisure sailing and short offshore excursions. Produced and certified to the DNV GL standard, this liferaft is built to withstand the toughest of conditions.

- 3 x red hand flare
- 2 x paddles
- ½L water per person
- 1 x torch
- 1 v bailer
- 2 x sponge
- 1 x bellows
- 6 x sea sick tablets per person
- 1 x repair kit
- 2 x sea sick bag per person
- 1 x operation manual

Persons	Weight (Kg)		Packaging dimensions (mm)					
	Contain	Valise	Container			Valise		
			L	W	H	L	W	H
4	33	25	765	490	320	650	400	230
6	40	32	770	510	330	650	420	260

4 person valise	MRAFTISO-2.4V
4 person container	MRAFTISO-2.4C
6 person valise	MRAFTISO-2.6V
6 person container	MRAFTISO-2.6C





LALIZAS



BRAND NEW  
LEISURE-RAFT

The LALIZAS Leisure-Raft with its light weight allows for easy deployment, and the compact size makes storage easy in the smallest spaces.



Ideal for in-shore boating, the LALIZAS Leisure-Raft is ideal for those that don't need a full feature liferaft. Offering those travelling, the smallest, lightest and most inexpensive liferaft in the market.

Code	72200	72202
Persons	4	6
Description	with canopy	
L (mm)	410	410
W (mm)	330	350
H (mm)	200	220

Product Details

Standard Equipment

- 20 ft. (6m) Painterline
- Hand Pump
- Sea Anchor
- Raft Knife
- Pressure Relief Valve
- CO2 Inflation System
- Water-Activated Locator Light
- 2 Ballast Bags
- 1 case



Liferaft Accessories

HAMMAR H20 Hydrostatic Release for Liferafts (USCG&EC Approved SOLAS)

The Hammar H20 is a hydrostatic release unit designed to fit liferafts of all shapes and sizes (from 6 up to 150 persons). It is made of glass fibre reinforced nylon, which prevents it from corrosion. The Hammar H20 can be released at any angle and needs only the required water pressure to be activated (1,5 - 4,0m depth). It's safe, reliable and simple design has made it renowned and earned more worldwide approvals than any other unit.

- Simple to install and clearly marked with the expire date
- No spare parts or service required
- Must be replaced after two years

Code.....70290



Lashing with Hook (Big)

Code.....71892



Adjustable stainless steel Liferaft support base

Min 810 x 415 x 225mm

Max 930 x 415 x 225mm

Code.....70620



SeaMate VE-1 HRU

By using new high grade materials, the SEAMATE HRU VE-1 is having a 3 years expiry date after installation, in average 50% longer than the average products currently have.

By increasing the expiry date with 50% it also means 33% less waste of this disposable HRU and 33% less maintenance.

The SEAMATE VE-1 has a DNV wheelmark approval module B&D and complies with USCG regulations.

Code.....MRAFA07



1/2kg Food Ration

Seven Oceans® is the world's leading brand for emergency food and water rations through 60 years.

- 5 years shelf life unconditionally.
- Complies with SOLAS/ISO 18813:2006 and E.C. Directive 98/83.
- Vacuum packed in air- and watertight 3 layer alufoil in a strong water repellent box.

Code.....MRAFS04.02



1/2L Water Ration

- 5 years shelf life unconditionally.
  - Complies with SOLAS/ISO 18813:2006 and E.C. Directive 98/83.
  - The flexible packets offer minimum weight and are easy to stow.
- Also usable in a frozen condition.

Code.....MRAFS04.03





SOLAS Foam Lifejackets

Advanced 2010 SOLAS Lifejacket Series

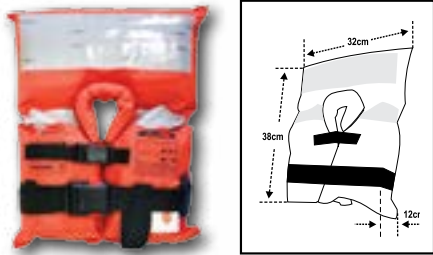
The series of SOLAS Lifejackets Advanced 2010 fully complies with the new regulations [IMO Resolutions (MSC.201(81), MSC.207(81), MSC.200(80), MSC.226(82), MSC.218(82), MSC.216(82)], which are mandatory for all lifejackets used on-board Community ships.



Advanced Infant Lifejacket SOLAS-(LSA Code) 2010

For the first time the regulations demand the instigation of Infant Lifejackets on-board community ships. The Lalizas Advanced Infant Lifejacket fully complies with the regulations (IMO Regulations), which are mandatory for all lifejackets used on-board Community ships. They are designed for use most weather conditions. It is also features lifting loop and orange buddy line for easy rescue. Furthermore, it is recommended to combine the lifejacket with the compatible Lalizas Lifejacket Light.

Code	70176
Body Weight (Kg)	0-15

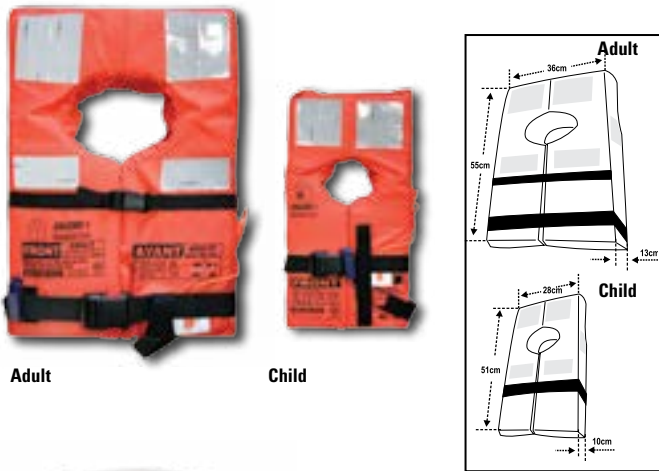


Advanced Lifejacket SOLAS-(LSA Code) 2010

These jackets are manufactured to equip all commercial vessels. They fully comply with the requirements of the regulations (IMO Regulations), which are mandatory for all lifejackets used on-board Community ships. They are supplied in adult and child sizes. The adult lifejacket is appropriate for passengers with chest size up to 175cm, oversize passengers, while are provided with lifting loop and orange buddy line for easier rescue.

It is also recommended to combine the lifejacket with the compatible Lalizas Lifejacket Light.

	Child	Adult
Code	70177	70178
Body Weight (Kg)	15-43	>43

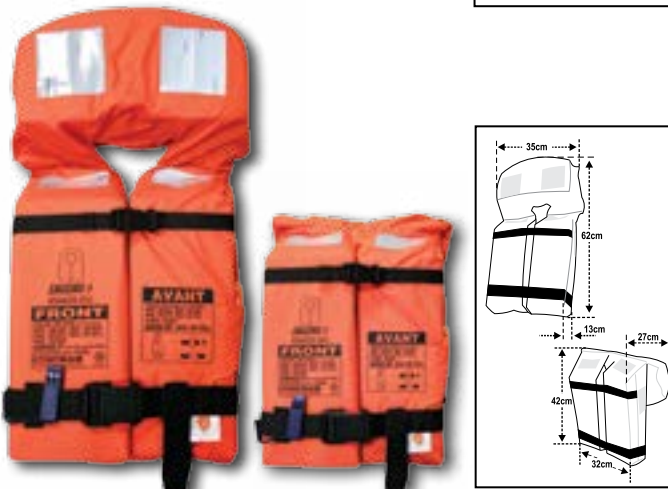


Advanced Folding Lifejacket SOLAS-(LSA Code) 2010

Specifically manufactured to be easily stored, while fully compliant with the requirements of the regulations (IMO Regulations), which are mandatory for all lifejackets used on-board Community ships. It is appropriate for passengers with chest size up to 175cm, oversize passengers, while is provided with lifting loop and orange buddy line for easier rescue. This jacket is ideal for storing underneath the seat, as it can be easily folded.

Further it is recommended to combine the jacket with the compatible Lalizas Lifejacket Light.

Code	70179
Body Weight (Kg)	>43



Features



Adjustable strap  
(70178-70179)



Comfortable fit around  
the neck



Whistle



Lifting loop



Orange buddy line



Lifejacket LED Flashing  
Light "Safelite II"  
water activated ON OFF

Code.....71209

\* The CE approval certificate replaces all the National approval certificates of European committee member states (D.O.T - U.K etc ).  
\*L.S.A Code (Life-Saving-Appliances Code) latest amendment of Chapter III of SOLAS in force since June 1998.

SOLAS Inflatable Lifejackets

SOLAS Inflatable Lifejackets 150N, 275N & 330N

Lalizas Inflatable lifejackets Lamda & Delta follow the latest SOLAS specifications for ultimate safety, while on board. They feature twin chambers for double security and each chamber can be inflated via its individual Lalizas automatic operating head (20260, certified per ISO 12402-7), which also supports manual activation. The inflatable chamber, which is made of High Visibility Yellow fabric, is folded into a valise with Velcro closure and its inflation tube incorporates the new Lalizas red pressure relief valves (20611, certified per ISO 12402-7). All models all are equipped with Lalizas retro reflective tapes (70180), a whistle (70010, certified per ISO 12402-7 & 8) and a lifting loop with yellow buddy line for easier rescue. Additionally, all approved Lalizas SOLAS lifejacket flashlights (71209) can be added. These extra user-friendly lifejackets, provide the maximum safety thanks to their fast inflation ability, even at very low temperatures and are available in one adult size, which can be easily adjusted to passengers with chest size up to 175cm or more, with the use of the Lalizas waist belt extender (71161).

All the models of the Lalizas SOLAS Inflatable Lifejackets series are designed to comply with the highest standards and are manufactured using top quality materials, in order to withstand the most adverse conditions in case of emergency. They are available in two different types, standard valise and belt-pack and their lightweight design makes them ideal for use on passenger boats, commercial vessels, yachts, fishing vessels and in all ships where storage space is limited.

The new top-of-the-range Lalizas SOLAS Lamda 330N inflatable life jacket offers the ultimate sense of security against every situation in any sea across the world, thanks to the great size of its chamber and the 330 Newton buoyancy provided by the double 60gr CO<sub>2</sub> cylinders. Having more than 300 Newton it is designed to be worn when the user is wearing heavy duty clothing or with an abandonment suit - where it guarantees to self right wearer in less than five seconds. It is certified and applies the specifications of the HSE Compatibility Test protocol for Lifejackets and Immersion suits on Offshore installations and it is SOLAS/ MED (1463) approved.



LALIZAS Inflatable Lifejacket  
Lamda Auto, SOLAS

Code	Newton
71107	150
71216	275



Front

Back

LALIZAS Inflatable Lifejacket  
Belt-Pack, Delta Auto 150N, SOLAS

Code.....71108



SOLAS Inflatable Lifejackets

Work Vest 50N, CE ISO 12402-5

The work vest is specifically designed and constructed for use in the work environment. It is open on the side areas for light wearing and it features a polyester anti fire outer shell, while its buoyant material is soft PE. Its two waist webbings are adjusted by the stainless steel buckles, while the vest is fastened by using the stainless steel D-rings and hooks. It is provided with SOLAS retro reflective tapes. It has also a fabric pocket for placing tools or other light equipment. Approved to the latest European standards for 50 Newton buoyancy aids, ISO 12402-5. All of its raw materials are certified per ISO 12402-7 and ISO 12402-8, for higher strength, quality and durability. It is available in one adult size and in orange colour.

Code	Type	Weight (kg)	Chest Size (cm)	Buoyancy (Nt)
71144	Adult	>40	80-130	50





Inflatable Lifejackets

Ypsilon Inflatable Life Jacket 165N, ISO 12402-3 with automatic inflator Lalizas JS1

The Ypsilon life jacket is an ergonomic life jacket offered with soft neoprene neck and it's available with automatic inflator. It features one chamber which can be inflated via Lalizas auto operation head (20260, certified per ISO 12402-7) and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The inflatable bladder, which is manufactured from High Visibility Yellow fabric, is folded into a valise with Velcro closure and is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). The transparent area allows the user to check the operating head function. They are provided with lifting loop and heavy duty D-ring.

Code.....71725



Epsilon Inflatable Life Jacket 165N, ISO 12402-3 with HAMMAR MA1 inflator

The Epsilon life jacket provides optimal protection whilst allowing maximum freedom of movement and comfort with high performance. It features a soft neoprene fabric for the neck and one chamber which can be inflated via MA1 Hydrostatic Inflator for life jacket auto operation head and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The gas cylinder is located inside the Lifejacket bladder, for maximum protection against corrosion and reduced snagging hazard. Its unique hydrostatic valve protects the water sensitive element, so there is no activation in rain, spray, splash and humidity. Additionally there is no service requirement of the inflator for 5 years. They are provided with lifting loop and heavy duty D-ring.

Code.....71724



Sigma Inflatable Lifejackets 170N, CE ISO 12402-3

The Sigma lifejacket is an economic lifejacket available in auto and manual version. The ultra lightweight design makes Sigma comfortable to wear and its webbing system makes it a user-friendly lifejacket. According to each code, they feature one chamber which can be inflated via Lalizas manual operating head (20220, certified per ISO 12402-7) or via Lalizas auto operation head (20260, certified per ISO 12402-7) and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon red valise with Velcro closure and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). They are provided with lifting loop and heavy duty D-ring for easier rescue.



Alpha Inflatable Lifejackets 170N, CE ISO 12402 – 3

The Alpha gas inflation lifejacket has been designed to offer affordable safety for all. Its compact design, low weight, high quality construction is directly attributable to our class leading Omega lifejacket. The Alpha lifejacket offers a more rationalised design for the coastal and inshore yachtsmen. According to each code, they feature one chamber which can be inflated via Lalizas manual operating head (20220, certified per ISO 12402-7) or via Lalizas auto operation head (20260, certified per ISO 12402-7) and bear oral inflation tube incorporating Lalizas valves (20610, certified per ISO 12402-7). The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon red valise with Velcro closure and silver ending and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70020, certified per ISO 12402-7 & 8). They are provided with lifting loop and heavy duty D-ring for easier rescue.



Lifejacket accessories

Delta Inflatable Lifejackets Belt-Pack, 150N, CE ISO 12402-3

Lalizas ISO 12402-3, Belt pack ISO Delta 150N inflatable lifejackets, comply with the latest ISO 12402-3 specifications for ultimate safety while on board. They feature one chamber which can be inflated via a Lalizas manual (71109) or automatic (71201) operating head (20220, certified per ISO 12402-7) respectively and bears oral inflation tube, incorporating Lalizas black valves (20610, certified per ISO 12402-7). The inflatable bladder, which is made of High Visibility Yellow fabric, is folded into a nylon valise with Velcro closure and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8). The ISO Delta user-friendly lifejackets provide the maximum safety, thanks to their fast inflation ability, even at very low temperatures. Ideal for all ships, especially the small ones where storage space is limited. They are provided with lifting loop, for easier rescue.

Code	71109	71201
Manual Gas	•	
Automatic Gas		•



Personal Safety Lights

Lifejacket LED Flashing Light "Safelite II" water activated ON-OFF, L.S.A.Code

- SOLAS Certified Product
- LED Flashlight Technology
- Water Activated
- Inspection friendly label
- Functions only when in-water\*

\* Guarantees protection against the unnecessary use and battery loss, out of the water.

Code.....71209



Safelite II Functions

1. WATER ACTIVATED AUTO-ON:  
The Safelite II is activated automatically, when it comes in contact with water
2. MANUAL-OFF:  
(In-Water Function Only): While in use, by pressing the ON/OFF button the Safelite II will switch-off, to save battery
3. MANUAL-ON:  
(In-Water Function Only): While switched-off, by pressing the ON/OFF button, the Safelite II will switch-on

Technical Specifications

- d22 x h26 x w37 lightweight compact design
- Extra powerful LED light, for lower consumption and longer life
- Quick and easy installation with two moves
- Fits and locks with every 20-40mm lifejacket belt, providing security & stability against sudden panic moves
- Lithium battery with 5 year lifetime, from the indicated production date and more than 8 hours of continuous use
- Made of durable plastic
- Waterproof, shielded via ultrasound welding and Epoxy Resin, for extra safety



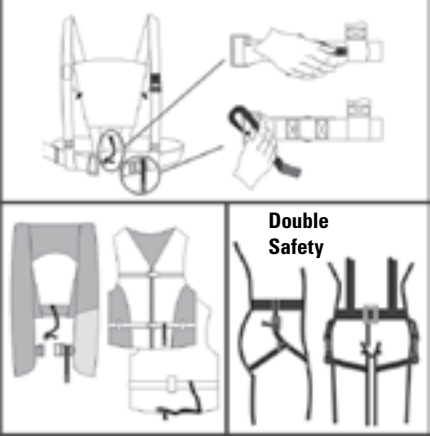
Waist Belt Extender for SOLAS Inflatable Lifejackets  
Code.....71161



Base for Lifejacket Flashing Light 71209  
Code.....71214



FITTING INSTRUCTIONS FOR 20210



Harness & Lifejacket crotch strap

The crotch strap can be used with all Lalizas lifejackets / buoyancy aids and harnesses.  
Code.....20210



Electronics

Kannad EPIRB

Boasting a 6 year replaceable battery life, the SPORTPRO+ EPIRB range offers two models - one features a manual deployment bracket (Cat 2), the other an automatic deployment housing which also includes a hydrostatic release unit (Cat 1).

The SPORTPRO+ is designed to operate with the COSPAS-SARSAT international search and rescue system. The unit can be activated automatically by immersion in water, or manually by following the activation instructions printed on the unit.

The built in GPS receiver ensures that an accurate position of a casualty is relayed to the rescue services. This can in turn improve the speed of recovery by updating the position of the beacon at regular intervals.

Key Features:

- State-of -the-art multi-channel GPS
- Internationally Approved
- Transmits on 406 and 121.5 MHz
- Non-hazardous battery for safe and easy transportation
- Stow safe carry bracket available for safe transportation
- High brightness LED flashing locator light
- 72 comprehensive diagnostic and selftests during battery life
- Once activated, will transmit for a minimum of 48 hours
- 6 year battery life
- 5 year warranty



Kannad SART

The RESCUER 2 SART is a 9GHz X-band Radar transponder and has been designed for assisting air/sea ship or survival craft rescue operations in accordance with IMO, SOLAS requirements.

The RESCUER 2 has been designed for reliable operation in the toughest of marine environments, in accordance with IMO/GMDSS requirements.

Once activate, when a radar signal is received from a ship or aircraft, the RESCUER 2 automatically transmits a response signal, which clearly identifies the survival craft on the radar screen by means of a stream of 12 in-line dots. When in use the RESCUER 2 will remain in standby mode for over 96 hours and automatically start transmitting in response to a radar transmission being received.

Key Features:

- FCC approved
- For ship or survival craft
- Buoyant and Waterproof to 10mtrs
- Compact and lightweight
- Replaceable, 5 year battery life
- Audio/visual indication of operation
- Built-in test facility
- Integral lanyard
- Mounting options - internal/external



Icom M25 VHF Radio

- Slim, lightweight, easy to use
- USB charging (Micro-B USB type)
- 11 hours operating time
- Buoyant with flashing red LED
- Large LCD and simple user-interface
- 5W RF output and 550mW audio
- Optional HM-213 waterproof speaker microphone



Pyrotechnics

Comet Red Handflare

The Handflare MK8 conforms to SOLAS 74 as amended. Designed to withstand exceptional environmental exposure and to perform reliably even after immersion in water. Featuring a telescopic handle with improved grip, making it very compact for stowage. Easily extended for safe handling and operation by pull wire ignitor. Produces hot red flame for 60 seconds at 15000 candela.

Specifications

- Length: 175mm (6.9ins)
- Length with handle pulled out: 280mm (11ins)
- Diameter: 28mm (1.1ins)
- Weight Max:176g (6.2 oz)
- Light intensity: 15,000 candela
- Burning time: 60 seconds
- Colour of light: red
- Ignition: pull-wire ignitor
- Net Explosive Content Max.: 63g (2.22 oz)

Code.....MMIS02.PIN.01



Comet Buoyant Orange Smoke

The Smoke Signal Orange is a compact, daylight distress signal designed to be easy and safe to handle. It provides effective position marking during rescue operations and can be used to indicate wind direction, producing dense orange smoke for a minimum of 3 minutes.

Specifications

- Height: 114 mm (4.5 ins)
- Diameter: 82 mm (3.2 ins)
- Gross Weight Max. 370g (13.05 oz)
- NEC Max. 239g (8.43 oz)
- Burning time: 3 minutes minimum
- Colour of smoke: orange
- Ignition: percussion ignitor with 2 seconds safety delay

Code.....MMIS02.BU0.01



Comet Linethrower

A self-contained line-throwing appliance consisting of a weatherproof plastic casing with end cap, twist-grip trigger assembly, rocket and line. To comply with SOLAS requirements, four complete rocket and line assemblies (Art. No. 9160400) should be carried on board. The device has a throwing range of between 230m and 250m. A solid propellant is used which guarantees a highly accurate flight path even in strong sidewinds.

Specifications

- Projects a line to a nominal range of 250m in calm conditions.
- Length: 33 cm (13.0")
- Height: 31.3 cm (12.3")
- Diameter: 20.5 cm (8.1")
- Weight: 4.4 kg (9.7 lb)
- Rocket Weight Max: 472g (1 lb)
- Explosive Content Max.:118g (4.16 oz.)
- Line breaking strain: >2 kn

Code.....MMIS02.LTA.01



Comet Red Parachute Rocket

The Comet Red Parachute Signal Rocket conforms to SOLAS 74 as amended. Designed to withstand exceptional environmental exposure and to perform reliably even after immersion in water, the pull wire ignitor and improved grip provides easy handling. Ejecting a red flare suspended on a parachute at 300m (1000ft), burning for 40 seconds at 30,000 candela.

Specifications

- Length: 287 mm (11.3 ins)
- Diameter at handle: 38 mm (1.5 ins)
- Diameter: 32 mm (1.25 ins)
- Weight Max: 245g (8.23 oz)
- NEC Max: 92g (3.25 oz)
- Light intensity: 30,000 candela
- Burning time: 40 seconds
- Colour of light: red
- Ignition: pull-wire ignitor
- Altitude: 300 m (985 ft)

Code.....MMIS02.PAR.01



Comet MOB Smoke & Light

The Light and Smoke Lifebuoy Marker produces dense orange smoke for 15 minutes and features two self contained, inversion switched, LED lights which far exceed SOLAS requirements for output and duration. Ships are required to carry 2 markers, one mounted on each bridge wing with the brackets supplied and attached by line to a 4kg Lifebuoy. The signal is used to mark the position of a man overboard by day or night. It can be automatically deployed by releasing the attached lifebuoy, or manually activated.

Specifications

- Height: 375mm (14.76ins)
- Diameter: 183mm (7.20ins)
- Weight: 3.3kg (7.27lbs)
- Weight – including bracket and angles: 3.85kg (8.5lbs)
- Net Explosive Content: 1.287kg (2.84 lbs)
- Lamps (bulbs): 2 x 3.6v 2.0A
- Temperature range: -30°C to +65°C
- Burning time: 15 minutes • Colour of light: white
- Duration: 2 candela for 2 hours
- Use with lifebuoy weighing: 4.0kg (8.82lbs)
- Attach to lifebuoy with line: 4m (13ft) long, 9.5mm (0.37ins) diameter

Code.....MMIS02.MOB.01



Comet Polybottle

Polybottle small – Code.....MMIS02.PBS.01

Pollybottle large – Code.....MMIS02.PBL.01





Immersion Suit & Thermal Protective Aid

Thermal Protective Aid "Alusafe-T" - LSA Code

One of the most developed designs in the field of thermal protection, the Lalizas «Alusafe-T» suit is constructed with aluminium film coated fabric, so as to protect the wearer from hypothermia, which may be caused by prolonged exposure in liferaft and rescue boats.

The low thermal conductivity of aluminium reduces both the convective and evaporative heat loss from the user's body and preserves stable temperature. Survivor's protection from wind and cold is warranted, as it covers the fully clad body wearing even a lifejacket. Even more, Alusafe-T» suit meets the 'LSA Code' requirements.

Code	70461
Height range	1,45 - 2,00m
Weight range	40-150 Kg



Immersion Suit & Thermal Protective Aid

Immersion Suit Insulated "Neptune"

It is well known that a person's chances of survival when immersed in water are improved only by the ability to remain dry and maintain the body temperature at a comfortable level. Lalizas has designed it's Immersion suit to protect you in situations where the danger of hypothermia is great, thereby greatly increasing your chances of survival. The Lalizas Immersion suit is made of reinforced neoprene and incorporates a face seal and flap, 3 fingered gloves, front waterproof zipper, ankle cuffs, neoprene pocket and retro-reflective tape. All these features have been designed to protect you against cold, without diminishing the freedom of movement. Exceeding the latest SOLAS specifications for hypothermia protection, it is ideal use on board ferries, offshore drilling rigs, rescue boats, man-overboard boats and for general commercial use.

Code	70454	70455
Size	Universal Size	Xlarge



\* With rubber gloves



Junior Immersion Suit  
'Neptune Junior', Insulated

NON-SOLAS  
Code.....71246

\* The CE approval certificate replaces all the National approval certificates of European committee member states (D.O.T - U.K etc ). \*L.S.A Code (Life-Saving-Appliances Code) latest amendment of Chapter II/ of SOLAS in force since June 1998.

Mullion North Sea Suits

One Piece – 1MHA

- Inherent buoyancy in excess of 50 Newton
- Protects against cold water shock and hypothermia
- Fully waterproof outer fabric
- All seams are taped
- Retro-reflective tape on hood and chest
- High-visibility yellow adjustable insulated peaked hood, with built-in chin and face protection stored into collar
- Storm flap
- Chest pockets with water repellent flaps and marine grade whistle
- Two lower hip pockets with fleece hand warmer
- Two inner pockets
- One Napoleon pocket under storm flap
- Inner adjustable neoprene wrist seals
- Leg zips for ease of donning over boots
- Anti-flushing straps to arms & legs



Two Piece – 1MI8

JACKET

- Inherent buoyancy in excess of 50 Newton
- Provides a degree of thermal protection against cold water shock and delays hypothermia upon immersion
- Fully waterproof outer fabric
- All seams are taped
- Retro-reflective tape on hood and chest
- High-visibility yellow adjustable insulated peaked hood, with built-in chin and face protection stored into collar
- Storm flap
- Chest pockets with water repellent flaps and marine grade whistle
- Two lower hip pockets with fleece hand warmer
- Two inner pockets /
- One Napoleon pocket under stormflap
- Inner adjustable neoprene wrist seals
- Crutch strap for wearer's safety
- Anti-flushing straps to arms

TROUSERS

- Inherent buoyancy in the form of 100% closed cell foam
- Fully waterproof
- All seams are taped
- 2 hip pockets with water-repellent flaps
- Leg zips for ease of donning over boots
- Anti-flushing straps to legs
- Adjustable elastic shoulder braces





Guy Cotton

Guy Cotton CBD Bib & Brace

- Double reinforcement on whole front.
- Chest pocket.
- Self-grip storm flap fly.
- Side openings.
- Inside knee-pads compartments.
- Adjustable and removable braces.

Fabric description: Very hard-wearing Nylpeche fabric. The technical characteristics of the Nylpeche fabric provide completely waterproof garments unequalled for their strength and flexibility. PVC coating on two sides, easy to clean. Ideal for intensive and even "aggressive" uses.

Code.....MGCCBB



Guy Cotton Rosbras Jacket

- MAGIC Hood does not obstruct your vision and does not restrict your movements.
- Kimono cut for ease of movement.
- High frequency welded seams.
- Heavy duty zip under double self grip flap.
- Adjustable elasticated cuffs.
- Waterproof pockets with self grip double flap.

Fabric description: Very hard-wearing Nylpeche fabric. The technical characteristics of the Nylpeche fabric provide completely waterproof garments unequalled for their strength and flexibility. PVC coating on two sides, easy to clean. Ideal for intensive and even "aggressive" uses.

Code.....MGCRJ



Guy Cotton Short Smock

- Large front gusset for easy of donning with self grip adjustment.
- Adjustable hood.

Fabric description: Very hard-wearing Nylpeche fabric. The technical characteristics of the Nylpeche fabric provide completely waterproof garments unequalled for their strength and flexibility. PVC coating on two sides, easy to clean. Ideal for intensive and even "aggressive" uses.

Code.....MGCSS



Guy Cotton Pouldo Trousers

- Ideal protection.
- Elasticated waist trousers.
- No side openings.
- High frequency welded seams.

Fabric description: Very hard-wearing Nylpeche fabric. The technical characteristics of the Nylpeche fabric provide completely waterproof garments unequalled for their strength and flexibility. PVC coating on two sides, easy to clean. Ideal for intensive and even "aggressive" uses.

Code.....MGCPT



Guy Cotton

Guy Cotton Gamvik Jacket

- Hooded jacket made of tough, light and supply fabric.
- Very hard-wearing zip.
- Adjustable hood with visor.
- Wind protecting elasticated cuffs that can be adjusted by invisible snap fasteners on storm flap.

Fabric description: Very supple. Coated on one side. The fabric complies with EN471 standard (High Visibility) and EN ISO 14116 index 1/5H/40 (flame-resistant). Polyester (50g / m²), PVC coating (300g / m²). Total weight 350g / m². The items have not been subjected to the EN ISO 20471 and EN ISO 14116 tests

Code.....MGCGJ



Guy Cotton Hitra Bib & Brace

- Light reversible bib & brace made from a tough, light and supply fabric.
- Symmetrical cut both front and rear.
- Elasticated braces with fixlocks to front and rear.

Fabric description: Very supple. Coated on one side. The fabric complies with EN471 standard (High Visibility) and EN ISO 14116 index 1/5H/40 (flame-resistant). Polyester (50g / m²), PVC coating (300g / m²). Total weight 350g / m². The items have not been subjected to the EN ISO 20471 and EN ISO 14116 tests.

Code.....MGCHBB



Guy Cotton GC Safety Boot

- Outstanding comfort.
- Steel toe cap and steel mid sole, complies with EN ISO 20345 European Standard.
- Light and flexible polyurethane material.

Code.....MGCSB



Guy Cotton GC Thermal Boot

- Outstanding comfort.
- Steel toe cap, complies with EN ISO 20345 European Standard.
- Light and flexible polyurethane material.

Code.....MGCTB





Lifebuoy Lights



LALIZAS Lifebuoy Light SOLAS/ MED-ATEX/IECEx

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

The LALIZAS Lifebuoy Light SOLAS/MED-ATEX/IECEx is specifically designed to be highly resistant to accidental damage onboard. Meeting full SOLAS and EC MED approvals, it is also approved to both ATEX and IECEx standards making it the only choice for hazardous installations such as offshore oil rigs, gas and oil tankers (for use in hazardous zones 0,1 and 2 ).

Specifications

- SOLAS/MED approved - ATEX & IECEx Intrinsically Safe Approvals
- Intrinsically safe, for use in all potentially explosive zones
- Five year life time
- No maintenance or replacement batteries are required
- Supplied complete with bracket & 1m Lifebuoy Lanyard
- Compact size
- Mounting bracket With Easy fitting in all location
- Advanced LED technology for low consumption and enhanced reliability

Code.....71326



LALIZAS Lifebuoy Light SOLAS MED

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

Specifications:

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

Code.....71325



Lifebuoy Lights

STELLA Lifebuoy LED Light SOLAS

- Floating lifebuoy light with high-visibility LED light
- Very compact lifebuoy light, low power consumption
- LED-type flashlight, operates with one R20 alkaline battery
- 360° arc of visibility
- Dimensions: 160 x 80 x 80 mm
- Weight: 90g (without battery)
- Light intensity: 2 cd
- Duration: Approx 8 hours at 60 flash/minute
- Battery: 1 x R20 battery

Code.....196482



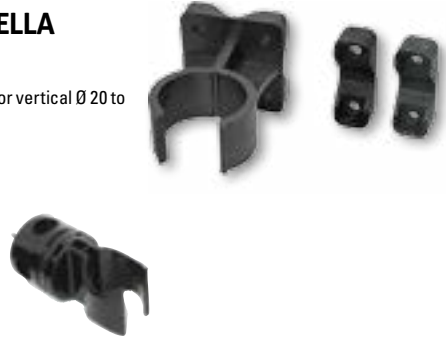
Clip Holder for STELLA Lifebuoy Light

Fits any tube or rail, horizontal or vertical Ø 20 to 30 mm. Screws not included.

Code.....45184



Spring Clip  
Code.....50530

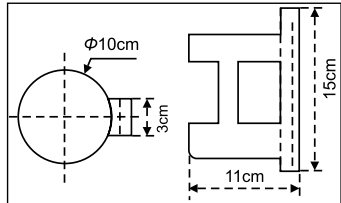


Rail Mount for lifebuoy light  
Code.....20581

Lifebuoy Light Holder

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

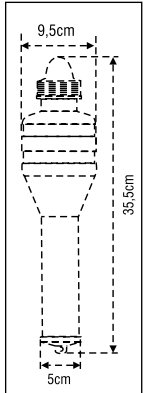
Code.....70000



Lifebuoy Light M.O.B (LSA Code)

This lifebuoy light complies with the L.S.A code capable of burning continuously with a luminous intensity of not less than 2cd in all directions of the upper hemisphere for a period of at least 2h (at white colour). CE approved to SOLAS (L.S.A Code)\* by Bureau Veritas\*.

Code.....70030



Safety Harness

The Life-link safety harness is available in both adult and child sizes. It features a heavy duty stainless steel interlocking buckle and a D-ring and a fully adjustable black polyester waist webbing. Approved per the latest European standards ISO 12401: 2009.

- Adult Harness fits chests 70cm to 150cm & >50 Kg
- Child Harness fits chests 60cm to 90cm & 20-50 Kg





Rescue Systems

Life link mini, M.O.B. rescue system with 20m rope

The LALIZAS Life-Link Mini, Man Overboard rescue system, is the smallest & lightest M.O.B. Rescue System of the LALIZAS Lifelink range. The extra visible yellow kit bag features a useful user imprinted instructions and contains a 20m of retrieval floating rope, linking the survivor to the rescuer. Suitable to be mounted on any type of rails or even fender holders; it's also useful in cases such as getting a line to a dock, as well as river leisure activities, such as canoeing, rafting, etc because of its compact size.

The Life-Link Mini, M.O.B. Rescue System features a grab loop at both ends, enabling both the rescuer and the survivor to remain attached to the rope. The rescuer loop features a transparent anti-slip plastic cover to provide a firm grasp.

Deployment can be achieved by opening the Life-Link Mini case, so that the rope is able to be released, and then thrown astern by holding the anti-slip plastic loop. Once in water, the boat should circle the person over board allowing the Life-Link Mini to be towed to their aid. Rescue is completed when the person over board is safely grabbed by the life-link, and either is pulled or winched to the boat and hauled on board.

Code.....71682



Rescue Systems Life-Link

The Lalizas Life-Link Man-Overboard Rescue system is designed to be permanently mounted to the pushpit in it's own soft, easy clean PVC bag. The kit contains 50m of floating line attached to a sturdy buoyant PVC life-sling and a personal retaining clip for added safety. Deployment is achieved by removing the Life-Link, attaching the floating line to a secure point and throwing astern. Once in the water the boat should circle the casualty allowing the Life-Link to be towed to their aid. Rescue is completed when the casualty is safely clipped into the life-link, winched to the boat and hauled on board.

Contents:

- Rail mounted PVC stowage bag
- 50m floating line Soft PVC
- Life-Link with webbing strap

Code.....20440



Procedures for repacking the Life-Link MOB

1. To repack the line: Leave 50cm of line outside the bag. Hold with your right hand

2. Measure another 50cm and fold the rope in two to create a "U" shape. Place the folded rope in the inside pocket of the bag.

3. a) Holding the line going to the Life-Link with the right hand, start gathering it creating a zig-zag. The width of the zig-zag should be approx. 20cm.

b) Continue in the same way, until enough line is collected in your hand

4. Place this in the inside pocket gently. Repeat step 3 until all the line is gathered in the pocket in an orderly fashion.

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

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

3. Winch casualty slowly to the boat

4. Haul casualty on board.

Rescue Systems

Encapsulated Life Buoy Rescue line, 30m



Mounting Instructions

1

2

3

Instructions for use

1

2

3

Safety Ladders

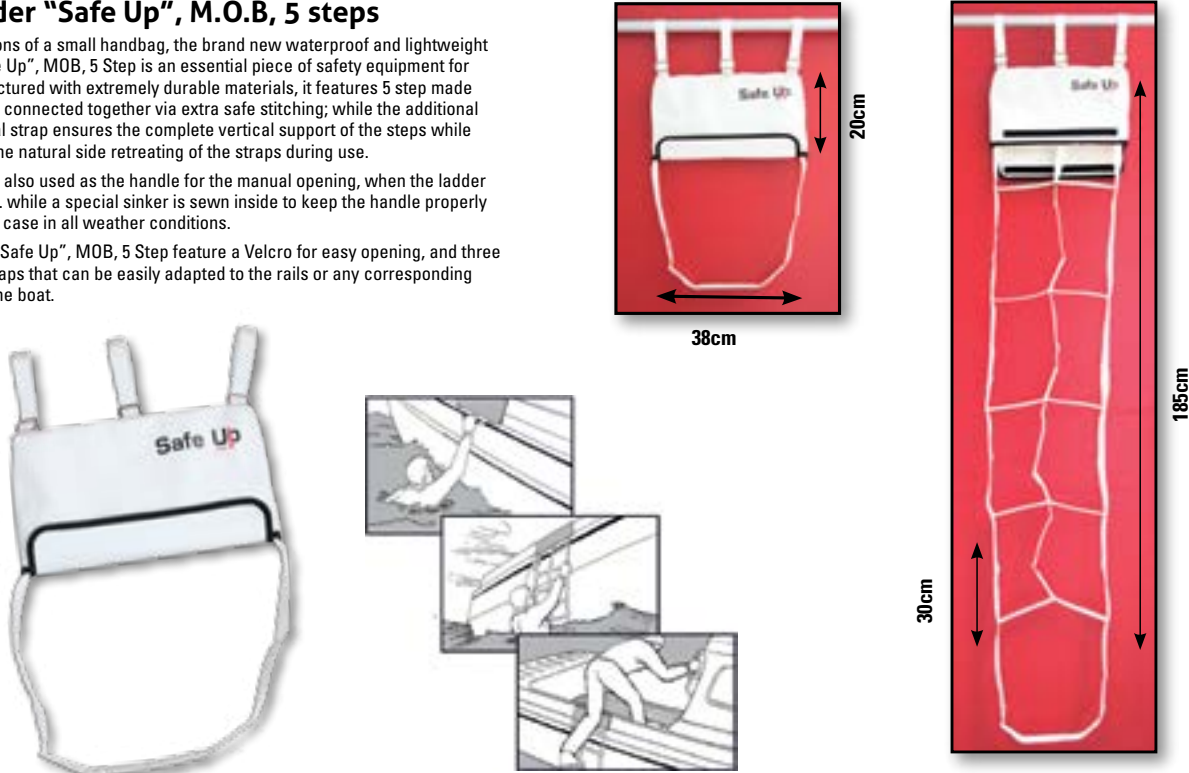
Safety Ladder "Safe Up", M.O.B, 5 steps

Having the dimensions of a small handbag, the brand new waterproof and lightweight Safety Ladder "Safe Up", MOB, 5 Step is an essential piece of safety equipment for every boat. Manufactured with extremely durable materials, it features 5 step made of straps, which are connected together via extra safe stitching; while the additional intermediate vertical strap ensures the complete vertical support of the steps while climbing, avoiding the natural side retreating of the straps during use.

The very last step is also used as the handle for the manual opening, when the ladder is folded and stored. while a special sinker is sewn inside to keep the handle properly accessible from the case in all weather conditions.

The Safety Ladder "Safe Up", MOB, 5 Step feature a Velcro for easy opening, and three adjustable fixing straps that can be easily adapted to the rails or any corresponding mounting point on the boat.

Code.....71684



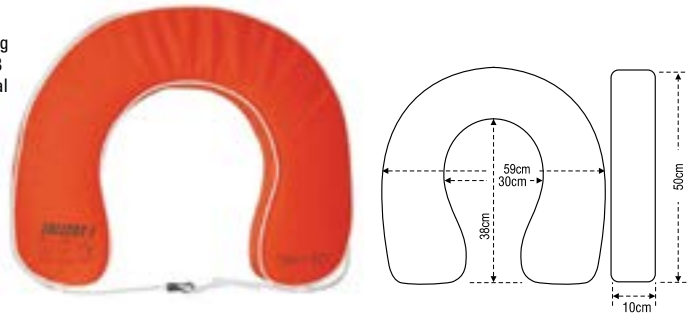
Horseshoes Lifebuoy

Horseshoe Lifebuoy "Quick RD", 145N

The new Lalizas horseshoe lifebuoy is made of polyester with PVC backing. It is waterproof; its fabric doesn't fade, while it is highly resistant to UV radiation. For storing this lifebuoy you can use the horseshoe bracket (20580), where the lifebuoy light M.O.B (70030) can be also mounted. The "Quick Fit" horseshoe cases (70018 & 70019) are ideal for its storage. It is available in three colours, orange, yellow and white.



Code	70162	70164	70165
Colour	Yellow	Orange	White





Lifebuoy Rings

Non-SOLAS ring lifebuoys


Polyethylene structure.  
Fitted with a 3 mm grabline


Code	Description	Ø ext. (cm)	Ø int. (cm)	Height (cm)	Weight (kg)	Buoyancy (N)
44666	Filled with polyurethane foam	57	35	9	1,3	88

Lifebuoy Ring SOLAS with retroreflective tapes

Designed for pleasure and commercial usage, features an orange, rack hard, cross-linked polyethylene outer shell that will not deteriorate and is unaffected by extreme weather conditions CE approved to SOLAS (L.S.A Code)\* by DNV - GL.

Code	70090	70110
Weight (kg)	2.5	4
Drop Height (m)	80	

 Ext. Diam 730 mm  
Int. Diam 440 mm  
**0098**

 For a better effectiveness combine the SOLAS lifebuoy ring with the floating throw line (70260) and the SOLAS lifebuoy light (70030 / 71325-6 / 196482).

Plastic holder for life ring

Code.....01107 (Set of 3 pcs)



Set of Lifebuoy Ring Case, with 70090 Lifebuoy Ring & Floating Rope

70090 Ring & 30m Floating Rope  
Code.....71285

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



Deck Pole Base for Lifebuoy Ring Case

Code.....71286

Base Dimensions:  
30x30cm  
Pole Height:  
150cm



Mounting Kit Included



Lifebuoy Ring Container

Container alone  
Dimensions: 84 x 108 x 31 cm (H x W x Depth)  
Code.....40212



Container with door for Lifering buoy Ø 60 or 75 cm

Features a transparent round opening to check the presence of the buoy.  
Dimensions: 90 x 90 x 22 cm (H x W x Depth)  
Code.....196992

Container supplied empty.  
Buoy should be ordered separately.

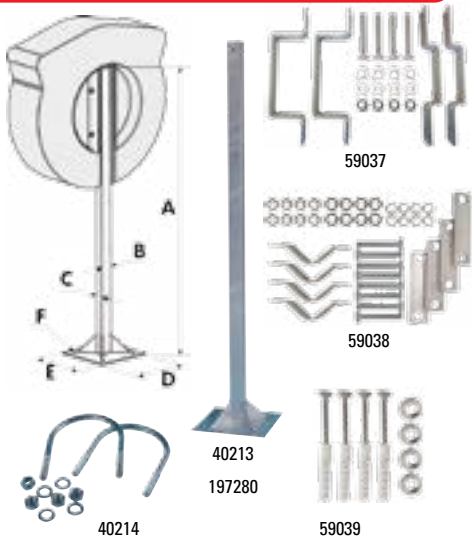


Accessories for mounting

Description	Pole Kit for lifebuoy container		Mounting kit for Ø 6cm rail*	Mounting kit for rail*	Wall mounting kit (bolts + screws)
	Pole	Mounting Kit For Pole			
For standard container model	40213		40214	-	59039
For container with door	197280	59037	-	59038	

\*(banister and jetty balustrade)

Code	Model	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (drilling)
40213	Standard container	150	6	4	30	30	Ø 1,5cm
197280	Container with door	200	10	5	25	25	2,3 x 1,1 (ob-long hole)



Stainless Steel Horseshoe Bracket with light holder

BEST VALUE

The Lalizas stainless steel horseshoe bracket can be easily installed on any kind of vessel. Its fixing system allows horseshoe and lifebuoy light to be easily removed in case of emergency.

Code.....20580



Galvanised 'Y' Lifebuoy Bracket

Galvanised steel 'Y' bracket, suitable for 30" lifebuoys.

Visual Signals & Reflectors

Motoring Cone

This signal should be displayed on sailing boats, when travelling under power.  
Indicates use of motor on a sailing boat. Folds flat.

Code	Dimensions (mm)
16206	350x340
39552	470x330



Anchor Ball

Internationally recognised daytime signal used by boats when at anchor. Made of tough polypropylene. Folds easily for storage.

Code	Diameter (mm)
16185	300
39553	350



Nautical Whistle

Commercial grade, non corrosive, pea-less marine whistle. Manufactured in accordance with SOLAS 74/83. Approvals: EC-Type Certificate ISO 12402-8 & 7 Parts, PRS

Code.....70020  
Colour..... Orange

BEST VALUE



Retro reflective Tape - SOLAS, 40m (ROLL)

Retroreflective tape to SOLAS (L.S.A Code). Length 40m.  
Code.....70180

BEST VALUE



Complete Units in Blister Packing

Signal Horn 380ml Acoustic range approximately 1500 m.





# Ladders and Scramble Nets

We can provide embarkation ladders, pilot ladders and scramble nets to your required specifications. All are manufactured to ISO 799:2004 - Solas Res A.(1045)27 where applicable and are supplied with Certificates of Conformity. Please contact us to discuss your requirements.

## Fibreight Cradles and Emergency Ladder

### Fibreight MOB Recovery Cradle

The SOLAS approved Fibreight Cradle is a marine safety device designed for man overboard recovery. It can also serve as a boarding ladder, scramble net and stretcher.

The Fibreight Cradle is lighter, more compact, and more versatile than any comparable devices on the market. The cradle has no working parts and therefore does not require servicing; the only requirements are regular inspections by the ships crew and minimal maintenance. The cradle can also be easily rolled and stowed.

The Fibreight Cradle is primarily designed for use by rescue craft, rigid inflatables, ship lifeboats and marinas for MOB recovery, however it can have multiple other uses. The Cradle forms both a robust scramble net as well as a temporary stretcher for immediate casualty evacuation. It can also be used for recovering persons from falls into trenches, ditches or similar.

The Fibreight Cradle allows MOB recovery to be done by one capable person. This is achieved by one end of the cradle being secured to the craft and the outboard end being held outwards by hand, boat hook or bridle. The incapable person is then guided into the cradle and the outboard end is hauled in rung by rung. The person is then safely rolled over the side and into the craft.

**Key Features:**

- SOLAS approved
- Lightweight; up to 50% lighter than competitors
- Compact and easy to stow
- Long Life and 3 years manufacturers warranty
- Easy to use
- No annual servicing requirement
- No parts to corrode or degrade in sea water



### Fibreight Emergency Ladder

The Fibreight Emergency Ladder is a SOLAS approved 'Means of Embarkation' and life saving device. The Ladder has been accepted by the MCA (UK Flag) to be used on all vessel types. The Emergency Ladders are in use across the world on merchant ships, offshore support vessels, navy warships, super yachts and on land in overhead cranes.

The ladder has been designed for use in emergencies, it can be carried and then deployed by a single person in less than a minute, as it is both lightweight and straightforward to use.

The ladder is a standard width of 600mm and is produced in lengths of 2 – 30 metres, in either Orange or Black. The ladder contains no metal parts and therefore is suitable for deployment on all vessel types such as LPG carriers with a flammable risk and cruise ships/yachts with precious surfaces.

A 30 metre ladder weighs less than 30 kilograms. With a natural step action the double rung ladder is considerably easier and safer to use. The ladder is both faster to climb and more importantly to descend than a single rung ladder.

The Fibreight Emergency Ladder has been designed and tested to meet this requirement and to offer a safer and easier disembarkation method.



## Fire Hose

All hose is manufactured to BS6391 and is MED (Ships Wheel) approved. The Type 1 Nova hose is also Lloyd's Registered. A full range of quality hose is available in set colours of red, blue or yellow in a variety of lengths and diameters to suit every application. The range includes Starflex Type 3 uncoated layflat hose, Starflex Type 2 coated hose, Nova Type 3 hose, Starflex Type 2 water hose and the Starflex Type 1 Competition & Training hose.



## Couplings

Within this range we can provide gunmetal and light alloy hose couplings, adaptors, blank caps and washers covering both British and International fire fittings styles plus Standard Flanges and International Ship-To-Shore Flange Adaptors. We can supply Instantaneous, Storz, and Nakjima, to name a few. We can 'wire-on' any British or International hose couplings to any of their range of M.E.D approved fire hoses ready for use or supply separately as required.

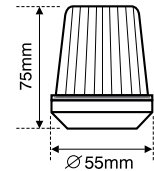
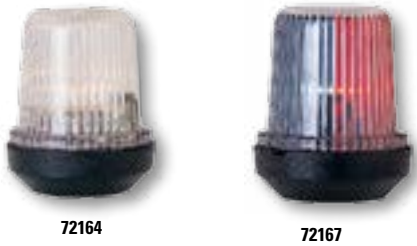


## Classic LED • For vessels up to 12m

### CLASSIC LED 12

**Navigation Lights**

This series of CLASSIC LED 12 navigation lights is designed and type-approved for vessels under 12m. Made of tough UV stabilized ABS plastic with shatter-proof acrylic lens, non magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life. All lights are supplied with a 12V LED bulb.



Code	72164	72167
Description	White	Tri-colour
Housing	Black	

## Nozzles

We can provide a wide range of nozzles, including professional, marine and industrial specification.

Professional nozzles are the top of the range nozzles used by professional fire fighters around the world.

Marine Nozzles cover all nozzles suitable for the marine trade, designed and manufactured to withstand the toughest weather conditions. Mostly manufactured in Gunmetal for corrosion resistance this range is extremely durable and available in a variety of types and flow rates to suit every application.

Industrial nozzles cover nozzles for use in heavy industrial markets. Designed to achieve optimum performance with a robust and durable construction they are commonly used for fire fighting, cooling, wash-down, dust suppression and water transfer.

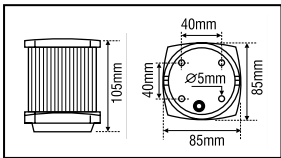


## Classic LED • For vessels up to 20m

### CLASSIC LED 20

**Navigation Lights**

This series of CLASSIC LED 20 navigation lights is designed and type-approved for vessels under 20m. Made of a special compound of ABS and polycarbonate with shatterproof acrylic lens, non-magnetic stainless steel electrical contacts and a nitrile water resistant seal to provide reliable long life.



Code	72176	72173
Description	Signal White 360°	Tricolour 360°
Housing	Black	



Medical



First Aid Kit Box

First Aid Box suitable for storing a Category C First Aid Kit, or general first aid kit. Supplied empty.



Category C First Aid Kit

UK MCA/Lloyds Register of Shipping Type Approved for Category "C" Vessels. The kits are mandatory for life boats and rafts.

- Maximum certificated drop height 36 metres.
- MM004 can be labeled for any language
- This kit complies fully with EC Directive 92/29, MSN 1768 and is CE marked.
- Comes in a heavy duty waterproof re-sealable pouch.
- Dimensions: 36 x 30 x 6cm
- Weight: 835g

Contents: Burn bag & gloves, survival instructions, paratulle, bandages, antiseptic cream, pocket face mask, triangular bandages, plasters, pocket gauze, antiseptic wipes, 5" scissors, safety pins, anti-seasickness tablets, zinc oxide tape, glycerine trinitrate, loperamide, paracetamol ibuprofen, elastic adhesive tape.

Important Note – these medical packs have restrictions on supply. Please contact us for more information before ordering.

Code.....MRAFA03



SOLAS First Aid Kit

The predecessor of the Category "C" kit, this kit is Lloyds Register of Shipping Approved for use in lifeboats and liferafts on ships registered outside the EC. Comes in a heavy duty waterproof re-sealable pouch.

- Maximum drop height 36metres.
- Dimensions: 36 x 30 x 6cm
- Weight: 500g

Contents: Burn bags, paratulle, survival instructions, bandages, 5" scissors, antiseptic wipes, safety pins, plasters, triangular bandages, paracetamol, compressed bandages, elastic adhesive bandages, sterile gauze swabs.

Important Note – these medical packs have restrictions on supply. Please contact us for details before ordering.

Code.....MRAFA02

Breathing Apparatus



LALIZAS SOLAS/MED Self Contained Breathing Apparatus

The LALIZAS SOLAS/MED Self Contained Breathing Apparatus is a high-performance industrial breathing apparatus, designed to offer maximum respiratory protection to the user during entrance or escape from a hazardous environment. This SOLAS/MED -approved SCBA offers reliability and comfort and its key features are:

- Open circuit on demand positive pressure Self Contained Breathing Apparatus
- Anatomic carbon fibers composite material back frame with harness for perfect and easy donning
- Both back frame and harness are flame retardant, waterproof and antistatic
- Warning whistle providing a continuous sound of high intensity (>90Db) warning the user that the air is dropping down.
- Packed in heavy duty plastic carrying suitcase

The SCBA contains the following parts:

- Breathing apparatus carrier with harness
- Pressure regulator with gauge & whistle
- Pressure & air flow regulator
- Breathing apparatus facemask
- Compressed air cylinder
- Compressed air cylinder valve, 300bar



Code	Cylinder Volume (L)	Cylinder Material	Working Pressure (Bar)	Warning Pressure (Bar)	Weight (kg)	Packing Dimensions (cm)	Approval
71327	6	Steel	300	40-60	≤15	270x490x755	SOLAS/MED
71328	9	Carbon Composite	300	40-60	≤12	280x445x735	SOLAS/MED



Breathing Apparatus & Fire Fighting Equipment



Code  
Volume 14300cm³  
Weight 6150gr  
Height 22cm  
Width 13cm  
Length 50cm



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



- Hood with orinasal mask
- Flame retardant materials
- Ozone resistant - non irritant neck seal.
- Wide visor
- Orinassals mask fits all face profiles
- Non irritant
- Antimisting design for the visor.



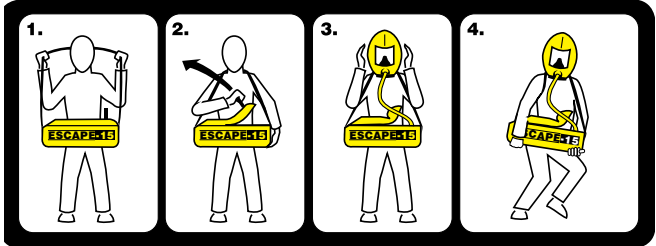
- Automatic activating valve - regulator
- Valve features G 5/8" F standard charging connector
- Pull valve safety lock

Emergency Evacuation Breathing Device (EEBD) "ESCAPE-15"

The Lalizas Emergency Escape Breathing Device (EEBD), complies with the amended SOLAS ch.II-2 and the IMO MSC/Circ.849. All vessels on international routes must carry EEBD's on board.

Lalizas approved EEBD carries the following characteristics:

- Flame resistant materials, silver in colour to reflect heat and be highly visible.
- Durable and reliable construction with low maintenance
- Full-face hood fits all persons
- Steady air-flow for 15 minutes with sufficient air delivery rate
- Easy visual access on the pressure gauge
- Working temperature range: -10oC to 65oC
- Easy to refill cylinder - no adaptor required
- Approved to SOLAS Chapter II - 2 and MSC/Circ.849 & designed to meet EN1146:2005 & ISO 23291-1(2008)



Accessories



Wall Bracket for EEBD  
Code.....01623



Plastic Cover for EEBD  
Code.....01622

Dräger Parat 5520 Fire Escape Hood

The Dräger PARAT® 5500 fire escape hood was developed in cooperation with users – always with the focus on offering the fastest possible escape.

Optimised operation and wearing comfort, a robust housing and a tested CO P2 filter guarantee that the wearer of the Dräger PARAT® 5500 is protected from toxic fire-related gases, vapours and particles for at least 15 minutes while escaping.



Spare compressed air cylinder 6lt & Valve 300bar assembly with air

Code.....02302

Spare compressed air cylinder 9lt & Valve 300bar assembly with air

Code.....02303



Orange basket stretcher

A rigid basket stretcher with multiple hand holes & lifting points & foot plate.

- Designed for hand, rope and helicopter rescue.
- Suitable for a wide range of situations.
- Strong polyethylene and aluminium structure
- Adjustable lifting bridles available
- Comes complete with patient restraint straps
- Moulded runners and handholds
- Resists chemicals and extreme temperature
- Dimensions:- 217 x 62 x 18.5cm.
- Weight = 13.5 kilos
- Load Capacity:- 278 kg.



Also available:-

- Flotation Device for Basket Stretcher
- Orange Nylon/PVC Carry Bag for Basket Stretcher
- Spare set of 3 Patient Restraint Straps



# IMO Signs

An important and necessary part of safety equipment onboard a boat, especially commercial vessels, is signage. Lalizas International Standard Signs can be used for indicating exits, directions, firefighting and life-saving equipment for the purpose of safe evacuation during emergencies and power failures. Lalizas produces in-house all International Standard Signs for indicating all of the above with the addition of custom-made signs using the highest quality material, which meet all of the present IMO specifications, in order to meet specific requirements. Please note only coded items are available in the UK.



## Photoluminescent Sign & Tape Material Specifications

**Self-Adhesive Vinyl**  
Flexible laminated PVC composite material incorporating a photoluminescent layer thermally welded to a white reflective layer, backed with pre-applied adhesive.  
**Thickness:** 0.6mm  
**Indoor durability:** in excess of 5 years  
**Outdoor durability:** good, but can be reduced in strong sunlight and humidity  
**Toxicity:** non-toxic, non-radioactive and contains no phosphorous or lead  
**Chemical resistance:** resistant to most common cleansing agents  
**Flammability:** inherently fire retardant  
**Adhesive:** cross-linked acrylic, pressure sensitive permanent adhesive with silicone release backing paper  
**Luminance performance:** in excess of 46mcd/m2 @ 10min & 4mcd/m2 @ 60min, when tested in accordance with DIN 67510 part 1

**Rigid PVC**  
Laminated PVC sheet incorporating a photoluminescent layer backed by a rigid white reflective substrate and protected by a tough, clear gloss PVC film. All laminations are thermally welded to form a cohesive sheet.  
**Thickness:** 1.2mm  
**Indoor durability:** in excess of 5 years  
**Outdoor durability:** excellent, but can be reduced in strong sunlight  
**Toxicity:** non-toxic, non-radioactive and contains no phosphorous or lead  
**Chemical resistance:** resistant to most common cleansing agents  
**Flammability:** inherently fire retardant  
**Luminance performance:** in excess of 46mcd/m2 @ 10min & 4mcd/m2 @ 60 min., when tested in accordance with DIN 67510 part 1

## Non-Photoluminescent Sign & Poster Material Specifications

**Self-Adhesive Vinyl**  
Flexible gloss white vinyl material.  
**Weight:** 110g/m2  
**Thickness:** 80 micron  
**Dimensional stability:** 0.5mm max to DIN30646  
**Outdoor durability:** approximately 2 years  
**Chemical resistance:** no effect from oils, greases, aliphatic solvents, heptane and kerosene  
**Flammability:** self extinguishing  
**Adhesive:** emulsion based, UV resistant, permanent adhesive with high initial tack and adhesion  
**Gloss:** 60 units at 20o in accordance with BS EN ISO 2813:1994. The determination of specular gloss of non-metallic paint films at 20o, 60o & 85o.

**Rigid PVC**  
Opaque rigid white gloss PVC material.  
**Thickness:** 950 micron with UV stabilisation & impact resistance > 650kJ/m2 to BS EN ISO 8256 Plastics - Determination of tensile-impact strength  
**Dimensional stability:** 4% to DIN 53377 @ 140°C/10 min  
**Chemical resistance:** no effect from oils, greases and most common solvents  
**Cold weather performance:** -30°C tested to DIN 53372 Testing of plastic films - Determination of the thickness by mechanical feeling PVC films.

# Lifting Division

The LGS group also includes a well established and respected lifting division with eight depots offering the hire, sale and service of associated equipment.

There is a clear cross-over between the lifting and marine sector and a lot of the products and services we offer are relevant to both. We have listed some of the key items and services below, however you can also visit our website where you will find more details. You can also view the lifting catalogue there or request a hard copy from any our depots.

Our knowledgeable marine and lifting teams look forward to discussing any of your requirements and you can be assured of friendly advice and a steer in the right direction if we can't help you.

- Spreader Beam Hire
- Supply of general lifting equipment
- Webbing slings repair and replacement for boat handling hoists
- LOLER & PUWER statutory inspections
- Height safety equipment
- Testing and calibration services
- Technical advice



## Lifting Depots

<b>Pembroke</b> T. 01646 574 000 E. pembroke@lgsgroup.co.uk	<b>Port Talbot</b> T. 01639 450 007 E. porttalbot@lgsgroup.co.uk	<b>Newport</b> T. 01633 334 450 E. newport@lgsgroup.co.uk
<b>Avonmouth</b> T. 0117 955 0456 E. avonmouth@lgsgroup.co.uk	<b>Bristol</b> T. 0117 971 4883 E. info@lgsgroup.co.uk	<b>Plymouth</b> T. 01752 474 488 E. plymouth@lgsgroup.co.uk
<b>Redruth</b> T. 01209 703 990 E. avonmouth@lgsgroup.co.uk	<b>Fareham</b> T. 01329 550 988 E. fareham@lgsgroup.co.uk	

IMO Signs

Ladders and Scramble Nets





**LGS Avonmouth**

T. 01179 550456

F. 01179 382060

E. [avonmouth@liftinggearsafety.co.uk](mailto:avonmouth@liftinggearsafety.co.uk)

**LGS Milford Haven**

T. 01646 574 000

E. [pembroke@liftinggearsafety.co.uk](mailto:pembroke@liftinggearsafety.co.uk)

**LGS Fareham**

T. 01329 550 988

F. 01329 236 420

E. [fareham@liftinggearsafety.co.uk](mailto:fareham@liftinggearsafety.co.uk)

**LGS Plymouth**

T. 01752 474 488

F. 01752 724 018

E. [plymouth@liftinggearsafety.co.uk](mailto:plymouth@liftinggearsafety.co.uk)