

# **LALIZAS**

*Life Saving*

**Cruise & Passenger**  
**Safety Product Line Card**



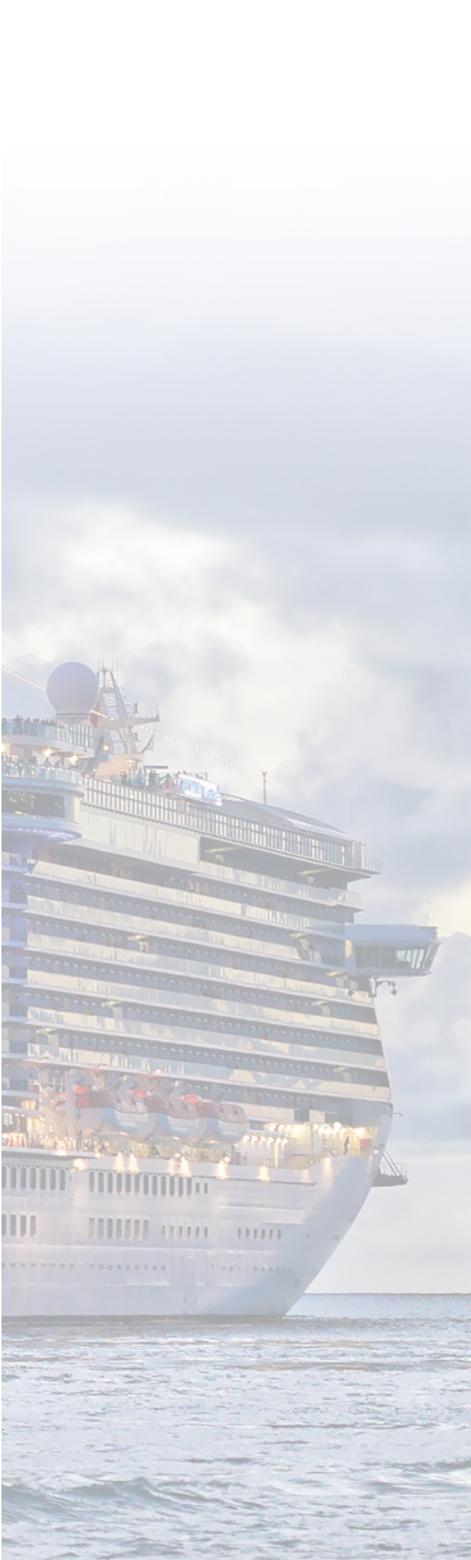
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The LALIZAS product portfolio comprises more than 10,000 products manufactured in fully owned production sites.

The Cruise & Passenger Safety Product Line Card highlights products from the LALIZAS portfolio that are of primary interest to operators of cruise and passenger vessels.

The full product range can be found at: [www.lalizas.com](http://www.lalizas.com) & [www.alexanderryan.com](http://www.alexanderryan.com).

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***Safety is not just a product, it is an ongoing process!***

# Liferaft & Lifeboat Equipment

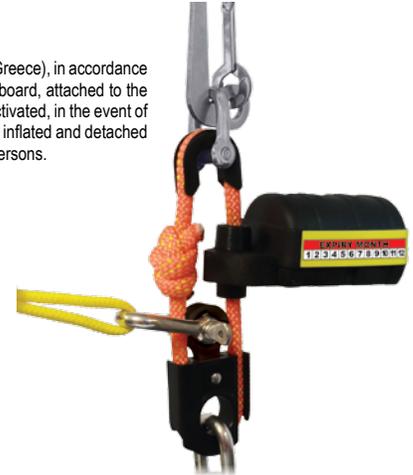
## LALIZAS Hydrostatic Release Unit for Liferafts, SOLAS/MED/USCG



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

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

Code | 73595



## LALIZAS Thermal Protective Aid Alusafe-T, LSA Code



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

Height range: 1.45 - 2.00 m  
Weight range: 40-150 Kg

Code | 70461



## LALIZAS Emergency Liferaft Drinking Water 4x125ml

Emergency Water rations are provide the necessary hydration for people who are restrained at sea for a long period of time. Specially packed in order to withstand severe weather conditions they last for 5 years.



They comply with:

- ISO 18813:2006
- SOLAS as amended
- LSA Code as amended
- Halal Certification

Code | 56700

## LALIZAS Emergency Liferaft Food Ration 515gr, 2503kcal

Emergency Food rations provide nourishment for people who are restrained at sea for a long period of time. Vacuum bagged and specially packed in order to withstand severe weather conditions, they last for 5 years.



They comply with:

- ISO 18813:2006
- SOLAS as amended
- LSA Code as amended
- Halal Certification

Code | 57070

# SOLAS Inflatable Lifejackets

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



- Certified per SOLAS, for ultimate safety while on board
- Twin chambers as per SOLAS requirements
- It is the only SOLAS lifejacket in its category with two stainless steel buckles, on the center and side of the waist harness, in order to be easily removed even inflated, when needed & features a crotch strap
- Available in one adult size, which can be easily adjusted to passengers with chest size up to 175cm or more, with the use of the LALIZAS Waist Belt Extender (71161)



Code	71107	71216
Adult	✓	✓
Newton	150	275

# ISO Inflatable Lifejackets

## Sigma Work Vest Auto, 170N, ISO 12402-3, orange durable PVC fabric cover



The Sigma work vest is designed and manufactured in order to provide total safety and unrestricted freedom of motion while working.

Sigma features 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 manufactured from High Visibility Yellow fabric, is folded into a nylon orange cover with Velcro closure and it is also equipped with Lalizas retro reflective tapes (70180) and whistle (70010, certified per ISO 12402-7 & 8).

- 170N of buoyancy
- ISO 12402-3 Approval
- Orange durable PVC fabric

Code	72154
Colour	●
Adult	✓
Automatic Inflator	✓
LALIZAS JS1	✓
Work Vest	✓

# SOLAS Foam Lifejackets

## LALIZAS Foam Folding Lifejacket Compact, SOLAS/MED

The series of Compact Folding Lifejackets SOLAS fully complies with the new regulations [IMO Resolutions (MSC.201(81), MSC.216(82), L.S.A. Code as amended by 207(81), 218(82); and MSC 81(70), MSC.200(80), MSC. 226(82), MSC. 323(89), MSC. 368(93) & MSC. 378(93)], which are mandatory for all lifejackets used on board EU flagged vessels.



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

Code	72214	72215
Type	Adult	Child
Weight (Kg)	43-140	15-43

### Features



Whistle



Lifting loop

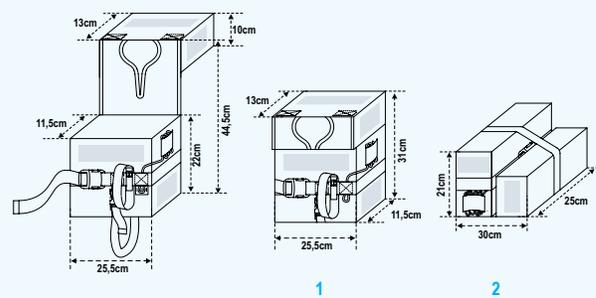
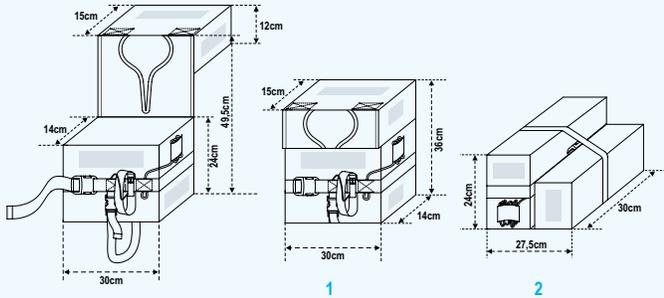


Orange buddy line

### Adult

### Folding Options

### Child



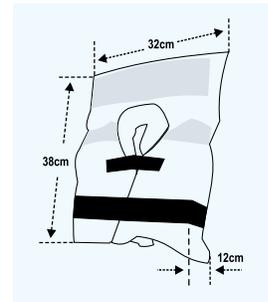
## LALIZAS Foam Lifejacket Advanced, SOLAS/MED, Infant



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

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

Code	70176
Type	Infant
Weight (Kg)	0-15



# ISO Foam Lifejackets

## LALIZAS Work Vest 50N, ISO



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

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

### Accessories for the Work Vest

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



# Lifejacket Lights

## LALIZAS Lifejacket LED Flashing Light “Alkalite II” ON-OFF Water-activated, SOLAS/MED/USCG

Original Size



Code | 72348



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



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

Original Size



Code | 72349



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



Hole Puncher for  
72348-49 Lights



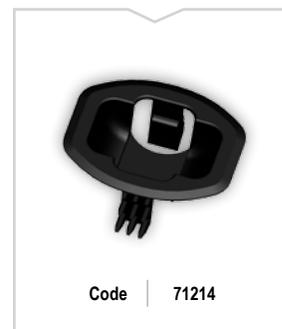
Code | 71215

Base for Lifejacket  
Flashing Light 72348



Code | 72543

Base for Lifejacket  
Flashing Light 72349



Code | 71214

# Lifebuoy Lights

## LALIZAS Lifebuoy Light SOLAS/MED/USCG

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



Code | 71325

### Specifications

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



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

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

Code | 99824



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

Code | 99826



# Lifebuoy Rings

## LALIZAS Lifebuoy Ring, with SOLAS Retroreflective Tape

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



For a better effectiveness, combine the Lifebuoy Ring with the Floating Line (70260) and the SOLAS Lifebuoy Light (70030 / 71325-6 / 196482).

Code	70090	70110	700901	701101
Approval	SOLAS/MED		USCG SOLAS	
Weight (kg)	2.5	4	2.5	4
Drop Height (m)	80		80	

- Ext. Diameter: Ø 720 mm ± 10 mm
- Int. Diameter: Ø 440 mm ± 10 mm
- Height: 105 mm ± 10 mm

### Plastic Holder for Lifebuoy Ring, Set of 3pcs



Code | 01107

# Rescue Systems

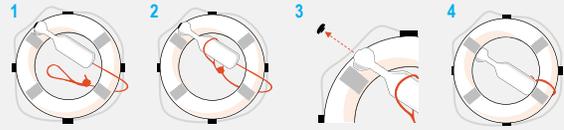
## LALIZAS Encapsulated Lifebuoy Rescue Line, 30 m



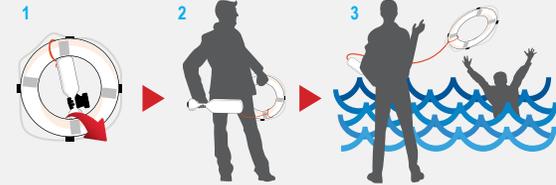
Code | 72190

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

### Mounting Instructions



### Instructions of use



## Retroreflective Tapes



### Retroreflective Tape ORALITE, SOLAS & USCG, 40m Roll

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

Code | 70180

## Breathing Apparatus

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

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



Code	70321
Volume	14300cm3
Weight	6150gr
Height	22cm
Width	13cm
Length	50cm

#### Characteristics:

- Full-face hood universal size, suitable for every face shape
- 15 min. steady air-flow with sufficient air-delivery rate
- Flame resistant
- Activated with a single move
- Easy visual access on the pressure gauge
- Durable & reliable construction with low maintenance

- Silver colour to reflect heat and be highly visible
- Easy to refill cylinder (no adaptor required)
- Working temperature range: -10°C to 65°C



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



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



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



#### Accessories

##### Wall Bracket for EEBD



Code | 01623

##### Plastic Cover for EEBD



Code | 01622

# Breathing Apparatus

## LALIZAS Self Contained Breathing Apparatus / SCBA, SOLAS/MED



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

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

It is available in two versions:

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

The SCBA contains the following parts:

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

Packed in heavy-duty plastic carrying suitcase



Code	Cylinder Volume (L)	Cylinder Material	Working Pressure (Bar)	Warning Pressure (Bar)	Weight (kg)	Packing Dimensions (cm)	Approval
71327	6	Steel	300	50-60	≤15	270x490x755	SOLAS/MED
71328	9	Carbon Composite	300	50-60	≤12	280x445x735	SOLAS/MED



**Spare Compressed Air Cylinder 6lt & Valve 300bar Assembly with Air**

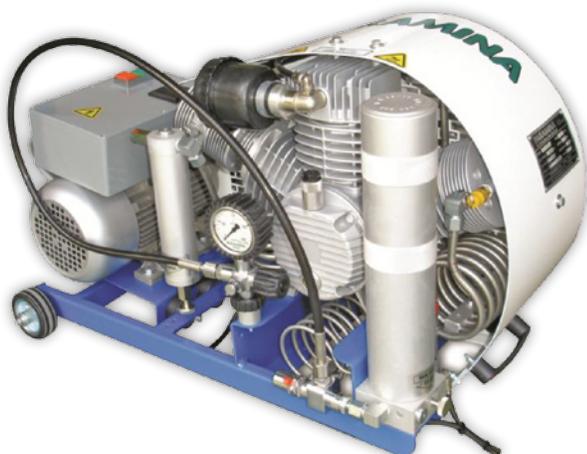
Code | 02302



**Spare Compressed Air Cylinder 9lt & Valve 300bar Assembly with Air**

Code | 02303

## Compressor, High Pressure, MISTRAL M6-ET 440V 60 Hz 300 Bar



SPECIFICATIONS	High-pressure piston compressor
CODE	72706
AIR DELIVERY FAD	103 lit/min - 6,2 m³/h
MAX. WORKING PRESSURE	330 bar
STAGES	3
SPEED ROTATION	1200 rpm
TRANSMISSION	V Belt
MOTOR POWER	2,2kW/3Hp – 220V/ 50-60Hz or 400-440V/50-60Hz (Class F, IP 55)
DIMENSIONS (L-W-H)	72 x 38 x 47 cm
WEIGHT	53 - 54 Kg

# Fireman's Suit

## LALIZAS Antipiros Fireman's Suit Set, SOLAS/MED



**The complete set includes SOLAS/MED approved:**

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

All the above are provided in a Carrying Bag

Code	Size
74302	L
74303	XL

## LALIZAS Antipiros Fireman's Jacket & Trousers, SOLAS/MED

Superior quality Nomex navy blue jacket & trousers made of four different layers for excellent fire protection & endurance. Nomex/ Kevlar material features higher protection from direct fire and exposure to a high temperature as it absorbs the heat.

- Widening straps and connecting hooks
- Front overlapping with touch and close fastening to the front collar
- Flame retardant and abrasion resistant reinforced patches on knees and elbows
- 3M reflective stripes on jacket and trousers
- Stand up collar
- Radio & flashlight pocket, jacket and trousers pockets
- Cuff with rib thumb hole
- DRD lifesaving drag belt
- Metal compartments for straps fastening

**Specified Testing Standards:**  
EN 469, AC (XS2XR2Y2Z2) & EN ISO 13688

Code	Size
74298	L
74299	XL




## LALIZAS Antipiros Fireman's Gloves, SOLAS/MED

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

**Specified Testing Standards:** EN659 & A1



Code	Size
74301	L-XL




## Fireman's Helmet, SOLAS/MED

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

- Interior padding easily replaceable and washable
- Integrated adjustment system (52–64 cm)
- "Push to release" button
- Anti-scratch and anti-fog coated external visor
- Reflective tape
- Neck protector (aluminised fibre)
- 3-point chinstrap
- Electrical insulation capacity E2
- Chemical resistance
- Extreme temperature resistance (up to 1,000°C in a 10 second flash over flames)
- Long-term temperature resistance (radiant heat test 14 kW/m<sup>2</sup>)
- High resistance to mechanical impacts
- Low-temperature classification -30°C

**Specified Testing Standards:** EN 443 & EN14458



Code | 72249




## Fireman's Boots, SOLAS/MED

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

**Sole/Heel**

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

**Upper construction**

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

**Specified Testing Standards:** EN 15090 & EN ISO 20345

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

Code	Size
73667	43-44
74297	45-46




# Fire Fighting Accessories

## LALIZAS Fireman Axe with Long Wooden Handle 2,8kg

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



Code | 71685

### It features:

- High carbon steel blade
- 12cm cutting edge
- Overall length: 90cm
- Weight: 2,8kg
- Pick spike for piercing and prying
- Wooden ash handle
- Rubber protective blade cover

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

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



Code | 71686

### It features:

- High carbon steel blade
- 9cm cutting edge
- Overall length: 34cm
- Weight: 1,2kg
- Pick spike for piercing and prying
- Anti-slip handle
- Rubber protective blade cover

## LALIZAS Holster for Fireman Axe

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



Code | 74584

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



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

Code | 72707

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

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

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

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



Code | 74582

CE



## Fireman Belt with Restraint Lanyard

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

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

Code | 74583

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



Specified Testing Standards: EN 358

CE

# Portable Fire Extinguishers

## LALIZAS Fire Extinguishers

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

### Other features:

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



Code / Language Label	EN, ES, HR	704452	704462	400692	474622	499522
<b>Technical Data</b>	Capacity	3 kg	6 kg	9 kg	9 L	5 kg
	Extinguishing agent	Dry Powder	Dry Powder	Dry Powder	Foam	CO <sub>2</sub>
	Body	Steel	Steel	Steel	Aluminium alloy	Steel
	Fire Ratings	13A 89B C	34A 233B C	43A 233B C	27A 233B	89B
	Dimensions (mm)	130X385	160X520	190X545	180X615	136X743
	Weight (kg)	4,60	8,60	12,50	11,50	13,90
<b>Accessories</b>	Special Features	Corrosion resistant shock-proof pressure gauge	Corrosion resistant reinforced rubber hose	Corrosion resistant shock-proof pressure gauge	Corrosion resistant	Corrosion resistant brass valve with bursting disk
	Base	Stainless steel wire bracket, mounting in horizontal or vertical position	Wall bracket for vertical mounting	Wall bracket for vertical mounting	Wall bracket for vertical mounting	Wall bracket for vertical mounting
	Nozzle		Hose & nozzle	Rubber hose, nozzle	Spray nozzle	Rubber hose & polyamide horn



Ordinary Solid Combustibles



Flammable liquids and gases



Flammable gases, Energized electrical equipment

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



## Marine Brackets for LALIZAS Fire Extinguishers

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

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

Code	For LALIZAS Fire Extinguishers	Cylinder Diameter (mm)
73646	Dry Powder 6kg	160
73647	Dry Powder 9kg	190
73648	Foam 9lt	180
73649	CO <sub>2</sub> 5kg	136



# Wheeled Fire Extinguishers

## Fire Extinguisher Wheeled, Dry Powder, Stored Pressure, w/Hose & Nozzle, SOLAS/MED

25 & 50 kg Dry Powder Wheeled Fire Extinguishers are designed for professional use under severe circumstances. Ease of mobility is achieved as a result of the large wheels with solid rubber tyres and push bar also ensuring good stability during operation.



- Valve & pressure gauge made in brass for endurance in marine environment.
- Equipped with a highly flexible hose made of EPDM rubber with excellent resistance manufactured from selected synthetic materials complete with a pistol.
- The specially designed ergonomic patented pistol ensures a steady flow of powder with a very low drop in pressure.
- The basic components of dry powder are ammonium phosphate and ammonium sulphate with special silicone additives enabling easy discharge and avoiding any caking process.

## Fire Extinguisher Wheeled, AFFF Foam 50L,- Stored Pressure, w/Hose, Horn & Nozzle, SOLAS/MED

Wheeled fire extinguishers comply with high standards to ensure their extinguishing capability (fire rating) & reliability. Excellent quality assures unit's long operational lifetime.

The cylinder is made of steel and equipped with welded frame. Ease of mobility is achieved as a result of the large wheels with solid rubber tyres and push bar also ensuring good stability during operation.



- Valve & pressure gauge made of brass for endurance in marine environment.
- Equipped with a highly flexible EPDM hose made of selected synthetic materials and complete with a nozzle.
- The specially designed ergonomic patented foam nozzle ensures a steady flow of foam with a very low drop in pressure. Sealfire® - AFFF based foam, specially formulated for best sealing effects.



Code	45490	45491	45492
Capacity	25 KG	50 KG	50 L
Extinguishing agent	Dry Powder		Foam
Body			Steel
Fire Ratings	up to A IVB C	up to A IVB C	up to A IVB
Dimensions (mm)	1020X430X535	1050X450X550	1140X450X550
Weight (kg)	55	80	80
Special Features	Brass valve & gauge Powder w/anti caking silicon additives		Brass valve & gauge
Accessories	Welded frame		
Base			
Nozzle	Flexible EPDM rubber 5m hose & ergonomic pistol		Flexible EPDM rubber 5m hose & ergonomic nozzle

# Fire Blanket



## LALIZAS Fire Blanket in a PVC Case

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

Code	Dimension (cm)
70448	100x100
71298	120x180

\* silicone coated

# Fire Hoses & Relevant Equipment

## LALIZAS Fire Hose with Coupling



Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved	Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved
71698	1.5" / 38	Storz 38 Brass	15	Yes	72502	1.5" / 38	Nakajima 38 Brass	25	Yes
71699	1.5" / 38	Storz 38 Brass	20	Yes	72503	2" / 52	Nakajima 50 Brass	15	Yes
72499	1.5" / 38	Storz 38 Brass	25	Yes	72504	2" / 52	Nakajima 50 Brass	20	Yes
71705	2" / 52	Storz 50 Brass	15	Yes	72505	2" / 52	Nakajima 50 Brass	25	Yes
71706	2" / 52	Storz 50 Brass	20	Yes	74462	2" / 52	Nakajima 50 Brass	30	Yes
71707	2" / 52	Storz 50 Brass	25	Yes	72506	2.5" / 64	Nakajima 65 Brass	15	Not applicable
74460	2" / 52	Storz 50 Brass	30	Yes	72507	2.5" / 64	Nakajima 65 Brass	20	Not applicable
71711	2.5" / 64	Storz 65 Brass	15	Not applicable	72508	2.5" / 64	Nakajima 65 Brass	25	Not applicable
71712	2.5" / 64	Storz 65 Brass	20	Not applicable	74463	2.5" / 64	Nakajima 65 Brass	30	Not applicable
71713	2.5" / 64	Storz 65 Brass	25	Not applicable	74479	1 3/4" / 45	UNI 45 Brass	15	Yes
74461	2.5" / 64	Storz 65 Brass	30	Not applicable	74480	1 3/4" / 45	UNI 45 Brass	20	Yes
72500	1.5" / 38	Nakajima 38 Brass	15	Yes	74481	1 3/4" / 45	UNI 45 Brass	25	Yes
72501	1.5" / 38	Nakajima 38 Brass	20	Yes	74482	1 3/4" / 45	UNI 45 Brass	30	Yes

## Fire Hose UL/FM, NST Rocker Lug Brass, FM



Hoses & Couplings are FM approved



\*Hoses also UL listed



Code	Inner Ø (inch)	Single jacket hose	Double jacket hose	Coupling	Length (ft)	Service test (psi)	Proof test (psi)
74545*	1.5"		✓	NST Rocker Lug 1 1/2" Brass	50	400	800
74546*	1.5"		✓	NST Rocker Lug 1 1/2" Brass	75	400	800
74553*	2.5"		✓	NST Rocker Lug 2 1/2" Brass	50	400	800
74554*	2.5"		✓	NST Rocker Lug 2 1/2" Brass	75	400	800
74555*	2.5"		✓	NST Rocker Lug 2 1/2" Brass	100	400	800
74529	1.5"	✓		NST Rocker Lug 1 1/2" Brass	50	250	500
74530	1.5"	✓		NST Rocker Lug 1 1/2" Brass	75	250	500
74531	1.5"	✓		NST Rocker Lug 1 1/2" Brass	100	250	500
74538*	2.5"	✓		NST Rocker Lug 2 1/2" Brass	50	250	500
74539*	2.5"	✓		NST Rocker Lug 2 1/2" Brass	75	250	500
74540*	2.5"	✓		NST Rocker Lug 2 1/2" Brass	100	250	500

## LALIZAS Fire Hose



Code	Inner Diam (inch/mm)	Length (m)	SOLAS/MED approved
74485	1 3/4" / 45	15	Yes
74486	1 3/4" / 45	20	Yes
74487	1 3/4" / 45	25	Yes
74488	1 3/4" / 45	30	Yes
72509	1.5" / 38	15	Yes
72510	1.5" / 38	20	Yes

Code	Inner Diam (inch/mm)	Length (m)	SOLAS/MED approved
72511	1.5" / 38	25	Yes
72512	2" / 52	15	Yes
72513	2" / 52	20	Yes
72514	2" / 52	25	Yes
74484	2" / 52	60	Yes

Code	Inner Diam (inch/mm)	Length (m)	SOLAS/MED approved
72515	2.5" / 64	15	Not applicable
72516	2.5" / 64	20	Not applicable
72517	2.5" / 64	25	Not applicable
74483	2.5" / 64	60	Not applicable

## LALIZAS Fire Hose Couplings

Storz



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

Nakajima



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

UNI



Code	Coupling
74489	UNI 45 Brass

## LALIZAS Fog Nozzle 3 position



Code	Fog Nozzle
72524	Storz 38 brass
72526	Storz 50 brass
72528	Storz 65 brass
72525	Nakajima 38 brass
72527	Nakajima 50 brass
72529	Nakajima 65 brass
74513	UNI DN 45

## Blank Cap & Chain



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

# Immersion Suits

## LALIZAS Immersion Suit “Neptune”, Insulated, SOLAS/MED

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



### Features:

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

\*With rubber gloves



Certified to HSE Compatibility Test protocol for Lifejackets and Immersion suits on offshore installations

### LALIZAS Immersion Suit “Neptune”, Insulated, with Neoprene Gloves, SOLAS/MED

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

### LALIZAS Immersion Suit “Neptune”, Insulated, with Rubber Gloves, SOLAS/MED\*

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



## LALIZAS Inspection Device for Immersion Suit

The aluminium kit contains a set of Servicing Equipment:

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

MSC /Circ.1047, MSC /Circ. 1114



## Pains Wessex Manoverboard with bracket, Mk9

The Pains Wessex Manoverboard MK9 Compact Lifebuoy Marker is normally mounted on a ship's bridge wing attached to a 4 kg lifebuoy. It is automatically or manually deployed to mark the position of a person in the water by day or night. Featuring a self-activated LED lighting system which exceeds SOLAS requirements for 2 candela light output and 2 hours duration, plus providing 15 minutes of dense orange smoke. Ships are required to fit at least two markers.

Code | 20737



## Pains Wessex Buoy smoke Mk9

15 minute orange smoke Man Overboard day time Lifebuoy marker. Identical to Manoverboard MK8 Light & Smoke Signal - but without the lighting system. This version is required for USA and Japanese flag vessels who require 15 hour lifebuoy lights (SOLAS only 2 hours).

Code | 20742



## Pains Wessex Lifesmoke Mk9

The NEW Pains Wessex Lifesmoke MK9 is a compact, flat top, day time 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.

Code | 20739



## Pains Wessex Parachute Red Rocket, Mk8A

The Pains Wessex Para Red MK8A Rocket conforms to SOLAS 74/88 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 on a parachute at 300m (1000ft), burning for 40 seconds at 30,000 candela

Code | 20738



## Pains Wessex Red Handflare, MK8

Red hand-held, short range distress signal. Used to pinpoint location by day or night. Burns for 60 seconds at 15,000 candela. Features a unique telescopic handle making it very compact and space saving when stowed in a liferaft. Easily extended and pull wire operated.

Code | 20740

# Pyrotechnics

## Pains Wessex White Handflare, Mk8

For use in day and night short range collision warning situations and for illuminating small areas. Fully extend handle, remove white end cap, pull toggle sharply away from body. Hold above head, outboard and downwind. Store on board in our Mini or Large Polybottles .

Code | 20748



## Pains Wessex Parachute Illuminating Rocket, Mk8

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. Rocket ejects a white flare at 300m (1000ft), which burns for 30 seconds at 90,000 candela.

Code | 20753



## Pains Wessex PolyBottle, Yellow

Water-resistant storage bottle for flares.

Code	20749	20747
Capacity (L)	3	12



# Line Throwers

## Pains Wessex Linethrower 250 Body and Line

Self-contained linethrowing appliance. Plastic launcher with 250m of 4mm dia line. Needs to be fitted with 9500800 rocket prior to use. Typically 4 units required to be carried on SOLAS vessels. Replace container along with every third set of rockets i.e. after 9 years. NON hazardous for transport without rocket fitted.

Code | 20743



## Pains Wessex Rocket For Linethrower 250

Replacement Rocket for use in Linethrower 250 Body and Line container Item No.9500700

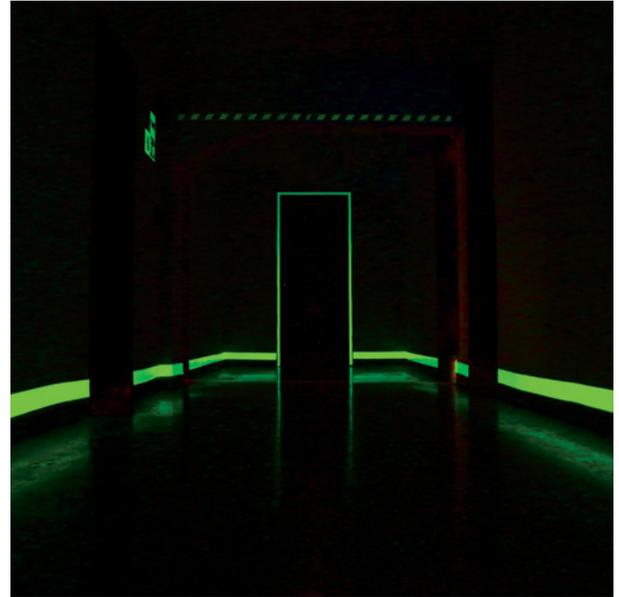
Code | 20741



# IMO Signs

An important and absolutely necessary part of the safety equipment, especially for commercial vessels, is signage.

LALIZAS International Standard Signs can be used for indicating exits, directions, fire fighting and lifesaving equipment for the purpose of safe evacuation during emergencies and power failures. LALIZAS manufactures in-house all the International Standard Signs for indicating all of the above with the addition of custom-made signs, which meet all the present IMO specifications, using the highest quality material.



## Categories

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. IMO Symbols on Self-Adhesive Photoluminescent Vinyl</li> <li>2. Safety Signs on Self-Adhesive Photoluminescent Vinyl</li> <li>3. Photoluminescent Direction Signs</li> <li>4. Fire Signs</li> <li>5. Fire Control Symbols to Resolution A654</li> <li>6. Fire Control Symbols to ISO 17631</li> <li>7. Low Location Lighting</li> <li>8. Prohibition Signs</li> <li>9. Mandatory Signs</li> <li>10. Hazard Signs &amp; Diamonds</li> </ol> | <ol style="list-style-type: none"> <li>11. ISPS Code Signs &amp; Security Signs</li> <li>12. Deck &amp; Engine Room Signs</li> <li>13. Galley Signs</li> <li>14. Accommodation Signs</li> <li>15. Combination Signs</li> <li>16. Training, Safety, Environmental &amp; LALIZAS Posters</li> <li>17. Passenger Vessel and Terminal Building Signs</li> <li>18. Temporary Tie Tags</li> <li>19. Pipe Identification (In accordance BS 1710 &amp; ISO 1472)</li> </ol> |
|--|---|

## 7 DISPATCH POINTS

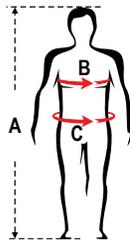
- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• PIRAEUS</li> <li>• ALGECIRAS</li> <li>• CANARIAN ISLANDS</li> <li>• FUJAIRAH</li> </ul> | <ul style="list-style-type: none"> <li>• SINGAPORE</li> <li>• CAPE TOWN</li> <li>• HOUSTON</li> </ul> |
|--|---|

# Personal Protection

## LALIZAS Raincoat and Rainsuit

- Ideal for all water related activities
- Suitable also for water related working operations
- Concludes net fabric at the inner chest size of the coat at the top part so as not to 'stuck' onto the clothes or human fabric
- Made of 100% waterproof polyester with PVC backing
- The seams are internally welded with PVC material for extra durability
- It has outer pockets on rainsuit on top part and on raincoat
- The rainsuit trouser has elastic waistband

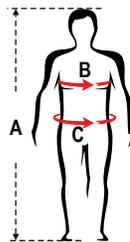
- Features zippers and buttons on, consisting of a foldable hood in collar and have storm cuffs on rainsuit on top part and on the raincoat
- Designed to be lightweight in order not to stress the user
- Even fish blood and grease stains can be easily removed
- Available in visible yellow colour, in 6 sizes
- Tested according to and found to be in compliance with the European Standards, EN 343 and EN ISO 13688 for protective clothing, offering the highest level of PPE rain protection.



**LALIZAS Rainsuit with Hood**

Code	73683	73684	73685	73686	73687	73688
Size	S	M	L	XL	2XL	3XL
A (cm)	170-172	174-176	178-180	182-184	186-188	190-192
B (cm)	92-96	100-104	108-112	116-120	124-128	132-136
C (cm)	80-84	88-92	96-100	104-108	112-118	120-124

CE



**LALIZAS Raincoat with Hood**

Code	73677	73678	73679	73680	73681	73682
Size	S	M	L	XL	2XL	3XL
A (cm)	170-172	174-176	178-180	182-184	186-188	190-192
B (cm)	92-96	100-104	108-112	116-120	124-128	132-136
C (cm)	80-84	88-92	96-100	104-108	112-118	120-124

CE



**LALIZAS** 

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