

**LALIZAS**   
*LifeSaving*



**Fire Fighting Equipment**

[www.lalizas.com](http://www.lalizas.com)

# LALIZAS

## LifeSaving

### Manufacturer of Safety Equipment & Global Service Provider

LALIZAS is a global leading manufacturer and service provider of lifesaving and fire fighting equipment for maritime safety. With a strong commercial presence in 130+ countries, LALIZAS offers a total safety solution through a comprehensive product range and a global network of service stations.

Backed by over 40 years of expertise and a strong international presence, LALIZAS supports the entire commercial market.



- Shipyards
- Ship Management/Ship Owning Companies
- LSA/FFE Suppliers & Service Stations
- Navy & Army Forces

At the core of our operations lies an uncompromising commitment to safety, quality and strict regulatory compliance. Certified to meet international and national standards, our product portfolio consists of lifesaving appliances and fire fighting equipment, all designed to perform reliably in demanding conditions, ensuring safety at sea.

## TOTAL SAFETY SOLUTION

### Supply

- Liferafts
- Inflatable & Foam Lifejackets
- Embarkation & Pilot Ladders
  - Lifesaving Lights
  - MOB Systems
  - Immersion Suits
- Fire Fighting Equipment
  - Breathing Apparatus
- Polar Survival Equipment
- Marine Distress Signals & Pyrotechnics
  - IMO Signs
- Personal Protection



### Service

Our strong manufacturing expertise is supported by a global network of over 350 authorised service stations, providing worldwide inspection, certification for fire fighting, rescue, and lifesaving equipment across all major international ports.

These services are coordinated through LALIZAS dedicated **FSR Department**, which serves as a single point of contact for all service-related requirements.

Commercial vessels are provided with all essential prerequisites and comprehensive service support, ensuring minimum port stay.



### Liferaft Exchange

LALIZAS Fast & Independent Liferaft Exchange (F&I) is a liferaft exchange service that enables ship managers and owners to quickly replace liferafts with newly serviced and certified units, ensuring continuous IMO compliance with minimal downtime, no long-term contracts, and simplified fleet management.

F&I is available in key ports around the world, with the support of 95+ Liferaft Service Stations authorised by LALIZAS as well as a great number of exchange locations & collection points.



# COMMERCIAL PRESENCE IN MORE THAN **130 COUNTRIES**



## **8 MODERN**

### **PRODUCTION PLANTS**

across **Greece, Italy, Bulgaria, China and Brazil**,  
fully owned and operated by LALIZAS,  
ensuring consistent quality.

## **14 Branches**

across **Brazil, Canada, China, Croatia, Greece, Italy, Montenegro, Philippines, RSA, Spain, Turkey, UAE, UK and USA**, providing local support, efficient distribution and strong customer engagement worldwide.

## GLOBAL SUPPLY, SERVICE & EXCHANGE NETWORK



**350 +**  
SERVICE STATIONS  
AROUND THE WORLD

MANUFACTURING MORE THAN  
**10.000** PRODUCTS

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

# Fireman's Suit

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



The complete set includes SOLAS/MED approved:

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

All the above are provided in a Carrying Bag

Code	Size
75180	L
75181	XL



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



- LEVEL 2 according to new testing standard EN469:2020 | Provides the highest protection levels in thermal performance (contact heat – heat transfer), water penetration and water vapor resistance
- Made of three different layers\* for excellent thermal protection and endurance
- Navy blue colour with reflective trim
- Flame-retardant reflective tapes are arranged at the circumference of the jacket, hem, sleeve cuff and bottom of trousers to ensure visibility and work safety of firefighter
- Extra layers for abrasion resistance in neck, elbows and knees
- Stand-up collar, with overlapping closure
- Front flame-retardant zipper lockable with velcro tape
- DRD lifesaving drag belt included
- Cuff with rib thumb hole
- Velcro strap at waist and waistband adjustment loop on trousers.
- Detachable and adjustable suspender with velcro hook and loop fastener for excellent fit and comfort
- All pockets are specially designed in accordance with shape features and usage habit of firefighter. External pockets can extend over 10 mm and can be fastened shut. Radio pockets included
- Drain hole in the bottom of the pockets to reduce damage to equipment caused by water during firefighter duties

### Specified Testing Standards:

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

X2



### \*Layers:

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

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



## LALIZAS Fireman's Suit Set Orange, SOLAS/MED, EN 469:2020



The complete set includes SOLAS/MED approved:

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

All the above are provided in a Carrying Bag

Code	Size
76210	L
76211	XL



## LALIZAS Fireman's Suit Set Orange, SOLAS/MED, EN 469:2020



- LEVEL 2 according to new testing standard EN469:2020. Provides the highest protection levels in thermal performance (contact heat - heat transfer), water penetration and water vapor resistance.
- Excellent thermal protection and endurance
- Orange colour
- Front flame-retardant zipper with velcro tape
- Velcro strap at waist and waistband adjustment loop on trousers
- External pockets / straps. Radio pockets included
- Drain hole in the bottom of the pockets to reduce damage to equipment caused by water during firefighter duties

### Specified Testing Standards:

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

Code	74298	74299
Size	L	XL
Height (cm)	181-188	189-196
Chest Girth (cm)	140-147	148-155
Waist (cm)	135-142	143-150

X2



### \*Layers:

- 1<sup>st</sup> Layer, Outer fabric: Ripstop / twill, 93% meta-aramid, 5% Para-aramid, 2% AS, 200 gsm
- 2<sup>nd</sup> Layer, Moisture barrier fabric: 80% Meta-aramid, 20% Para-aramid & PTFE, 130 gsm
- 3<sup>rd</sup> Layer, Thermal lining fabric: 50% Aramid, 50% FR viscose, 120 gsm



# Fireman's Suit

## 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 flashover 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

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

- Four different layers for extra protection provide thermal, chemical, penetration and cut protection
- Ergonomic design facilitates fire fighting operations
- Reflective stripes for visibility



**Specified Testing Standards:** EN659 & A1

Code	Size
74301	L-XL

## Fireman's Boots, SOLAS/MED

Recommended for structural fire fighting, general fire rescue & bushfire 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
- Acid and alkali resistant
- Metal toecap



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

Code	Size
73667	43-44
74297	45-46

### Other Approvals:

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



## Fire Fighting Accessories

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



**Code** | 74883

- Manufactured to protect the user's head, neck and shoulders from fire and harmful effects of heat (incl. radiant & convective heat)
- Breathable, lightweight & soft material that makes it easily adaptable to the user's body
- Can be used easily with fireman helmet and SCBA mask
- Made of double-layer knitted fabric, can be easily worn and removed due to fabric elasticity, without restricting the user's movement

- Preserves its safety features after being washed (following the instructions of the care label/user information guide)
- Composition: 50% Aramid, 49% Viscose FR, 1% Antistatic
- Conforms to EN 13911 & EN 1149
- Certified according to Regulation (EU) 2016/425 on Personal Protective Equipment (CE) as Category III PPE

# Fire Fighting Accessories

## Fireman Belt, Heavy Duty, with Safety Line L 0,9 m

Serves as a means of restraint and is designed to complement equipment that provides protection against falls from heights while working. It is also a perfect match to fireproof hyperlink lifeline SOLAS/MED (code: 72707), helping to prevent detachment of breathing apparatus when the lifeline is in use and connected to it. Constructed from durable and resistant materials, the belt offers comfort to the user and can support weight up to 150 kg, including tools and equipment.



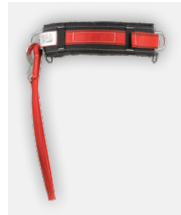
Code | 74582

- Polyester webbing
- Leather reinforcement on polyester strap
- Waistline circumference: 86-106 cm
- Size adjustment (M to XL)
- Width: 85 mm
- Belt regulating/connecting buckle
- Side attachment D-ring
- Detachable polyamide safety line (EN 354)
- Safety line leather sleeve protection
- Detachable connector with screwlink locking nut (EN 362)
- Carabiner hook (EN 362)
- Corrosion-resistant metallic components
- Weight: 860 g
- Identification label

## Fireman Belt with Restraint Lanyard

Enables the user to work while supported by personal fall protection equipment under tension, preventing the risk of free fall (work positioning belt). An integrated restraint lanyard at one end can be connected to an anchor point or to a structure, with the lanyard encircled, or directly, and thus supporting the user in tension.

A belt is suitable for a user, including tools and equipment, with weight up to 140 kg.



Code | 74583

- Ergonomic polyester padding
- Waistline circumference: 85-120 cm
- Size adjustment (M to XL)
- Automatic connecting buckle
- Lateral work-positioning attachment D-rings (EN 358)
- Tool D-rings for hand tool weights up to 2 kg
- Integrated restraint lanyard
- Restraint lanyard connector (EN 362)
- Belt & lanyard can sustain a force of 15 kN
- Corrosion-resistant metallic components
- Identification label



Specified Testing Standards: EN 358

## LALIZAS Fireman Axe with Long Wooden Handle

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

### It features:

- High carbon steel blade
- 12 cm cutting edge
- Overall length: 90 cm
- Weight: 2,3 kg
- Pick spike for piercing and prying
- Wooden ash handle
- Rubber protective blade cover



Code | 71685

## LALIZAS Fireman Axe with Short Anti Slip Handle

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
- 9 cm cutting edge
- Overall length: 34 cm
- Weight: 1,3 kg
- 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 of movement
- 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 1,2 kg (code 71686)
- Can be attached to Fireman Belt, with Restraint Lanyard, M-XL (85 - 120 cm), EN358, CE (code 74583) or Fireman Belt, Heavy Duty, with Safety Line L 0,9 m, CE (code 74582)



## Lifeline, Fireproof with Hook, 5 mm x 30 m, SOLAS/MED

Code | 72707



## VHF 2Way Radio Explosion-proof, with headset socket, ATEX, Grey

Code | 72813

# Safety Flashlights

## Safety Hand Lamp LED, EX-4DCL, ATEX



Code | 74954

Suitable for use in potentially hazardous environments, where atmospheres may contain flammable or explosive substances, as well as oil rigs, applications in the maritime industry, fire fighting operations etc.

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

## Head Light LED, EX-2980, ATEX



Code | 74956

Suitable for use in potentially hazardous environments, where atmospheres may contain flammable or explosive substances, as well as oil rigs, applications in the maritime industry, fire fighting operations etc.

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

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



Code | 74955

Suitable for use in potentially hazardous environments, where atmospheres may contain flammable or explosive substances, as well as oil rigs, applications in the maritime industry, fire fighting operations etc.

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

## Safety Flashlight LED, EX-6180, ATEX



Code | 74957

Suitable for use in potentially hazardous environments, where atmospheres may contain flammable or explosive substances, as well as oil rigs, applications in the maritime industry, fire fighting operations etc.

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

## Safety Wand for Flashlight EX-6180, B-60



Code | 74958

Suitable for use in potentially hazardous environments, where atmospheres may contain flammable or explosive substances, as well as oil rigs, applications in the maritime industry, fire fighting operations etc.

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

# Fire Extinguishers

## LALIZAS Fire Extinguishers, Portable, Stored Pressure

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.

### Features:

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



Code / Language Label	EN, IT, GR	704431	704441	704451	704461	400691	-	-	-	-	499521	
	EN, ES, HR	704432	704442	704452	704462	400692	-	-	-	-	-	499522
	EN, FR, DE	704433	704443	704453	704463	400693	-	-	-	-	-	499523
	EN, GR, ES	-	-	-	-	-	72744	-	-	-	-	-
	EN, GR, CN	-	-	-	-	-	-	75939	201128	-	-	
	EN	-	-	-	-	-	-	-	-	45493	-	
Technical Data	Capacity	1 kg	2 kg	3 kg	6 kg	9 kg	12 kg	9 L	9 L	2 kg	5 kg	
	Extinguishing agent	Dry Powder						PFAS Free Foam	PFAS Free Water	CO <sub>2</sub>		
	Body	Aluminium alloy			Steel			Aluminium alloy	Aluminium alloy	Steel		
	Fire Ratings	5A 34B C	13A 89B C	13A 89B C	34A 233B C	43A 233B C	55A 233B C	27A 183B	21A	34B	89B	
	Dimensions (mm)	82 X 295	108 X 378	130 X 385	160 X 520	190 X 545	190 X 635	180 X 630	180 X 630	104 X 570	136 X 743	
	Weight (kg)	1,26	2,55	4,60	8,60	12,50	17,50	12,1	12,03	6,34	13,90	
	Special Features	Corrosion-resistant shock-proof pressure gauge			Corrosion-resistant reinforced rubber hose	Corrosion-resistant shock-proof pressure gauge	Corrosion-resistant, with brass valve and pressure gauge	Aluminium valve, Shock-proof pressure gauge, Corrosion-resistant	Aluminium valve, Shock-proof pressure gauge, Seamless body	Corrosion-resistant brass valve with bursting disk		
Accessories	Base	Plastic bracket for vehicle & marine use	Stainless steel wire bracket, mounting in horizontal or vertical position	Wall bracket for vertical mounting					Polypropylene front horn	Wall bracket for vertical mounting		
	Nozzle			Hose & nozzle	Rubber hose, nozzle	Hose & nozzle	Flexible hose & Spray nozzle	Flexible hose & protective base		Rubber hose & polyamide horn		



Ordinary Solid Combustibles



Flammable liquids and gases



Flammable gases, Energized electrical equipment



Lithium-ion Batteries

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

# Fire Extinguishers

## Fire Extinguishers, Wheeled, Stored Pressure

### Features:

- Wheeled Fire Extinguishers designed for professional use
- High extinguishing rate
- Suitable for harsh weather conditions
- Large wheels with solid rubber tyres for easy mobility
- Push bar ensures good stability during operation
- Flexible hose, nozzle/or special pistol guarantees steady flow and accuracy



Code / Language Label	EN	45490	45491	-	75375	75376
	EN, FR, ES, PT	-	-	75980	-	-
Technical Data	Capacity	25 kg	50 kg	25 L	10 kg	20 kg
	Extinguishing agent	Dry Powder		PFOS/PFOA Free	CO <sub>2</sub>	
	Body	Steel		Stainless Steel	Steel	
	Fire Ratings	up to A-IVB-C	up to A-IVB-C	A IVB	144 IV B	233 IV B
	Dimensions (mm)	1020 x 430 x 535	1050 x 450 x 550	245X1020	980 x 370 x 1060	970 x 400 x 600
	Weight (kg)	55	80	60	38	70
	Special Features	Brass valve & gauge. Powder with anti-caking silicon additives		Handwheel nickel-plated brass valve	Brass valve, high pressure ball valve to control discharge	
Accessories	Base	Welded frame			Detachable frame	
	Nozzle	Flexible EPDM rubber 5 m hose & ergonomic pistol		Rubber hose 5 m, brass ball valve and aluminium nozzle	Highly flexible hose, discharge horn w/incorporated handle & brass nozzle with side outlet for efficient snow cloud	

## LALIZAS Fire Extinguishers, Portable, Cartridge Operated

### Features:

- Easy to carry due to stable handle
- Ideal for far-off places and transoceanic voyages
- Durable & high quality

- Excellent performance in places exposed to adverse conditions: chemical resistant, damp-proof, corrosion-free, high-temperature resistance, UV-resistant valve body

- Valve components with standardized screw connection
- Availability of consumable spares



Code / Language Label	EN, GR, CN	70418	70419	70416	70417	75949
	Capacity	6 kg	12 kg	6 L	9 L	9 L
Technical Data	Extinguishing agent	Dry Powder		PFAS Free Foam		PFAS Free Water based Extinguishing Agent
	Body	Steel		Steel		Steel
	Fire Ratings	34A233BC	55A233BC	21A113B	27A183B	up to 1285 Wh (or of pouches up to 700 Wh)
	Dimensions (mm)	550 x 280 x 155	640 x 310 x 205	600 x 310 x 165	620 x 290 x 205	640 x 430 x 205
	Weight (kg)	9,8	19	10,1	15,5	15,6
	Special Features	Cartridge CO <sub>2</sub> , 140 g	Cartridge CO <sub>2</sub> , 280 g	Cartridge CO <sub>2</sub> , 60 g	Cartridge CO <sub>2</sub> , 120 g	Cartridge CO <sub>2</sub> , 120 g
Accessories	Base	Wall bracket for vertical mounting		Impact-resistant plastic base ring with hose nozzle holder, wall bracket for vertical mounting		Impact-resistant plastic base, ring with hose nozzle holder
	Nozzle	High durability hose		High durability hose, high surface coverage nozzle		Rotatable extinguishing pistol with pre-mounted extinguishing lance, 5-hole spray nozzle

# Fire Extinguishers

## LALIZAS Fire Extinguishers, Wheeled, Cartridge Operated

### Features:

- Designed for professional use, ensures excellent performance
- Additional protection against corrosion
- Produced in accordance with the latest regulation
- Ideal for far-off places and transoceanic voyages
- Suitable for harsh weather conditions
- Availability of consumable spares



Code / Language Label	EN, GR, CN	75942	75943	75940	75941
Technical Data	Capacity	25 kg	50 kg	50 L	150 L
	Extinguishing agent	Dry Powder		PFAS Free Foam	
	Body	Carbon Steel		Stainless Steel	
	Fire Ratings	A IVB C		A IVB C	
	Dimensions (mm)	245 X 1030	300 X 1050	315 X 1030	450 X 1370
	Weight (kg)	53 kg	84,7 kg	78,85 kg	230 kg
	Special Features	External Cartridge 1,3 kg CO <sub>2</sub> / 3 L	External Cartridge 2 kg CO <sub>2</sub> / 3 L	Cartridge External N2, 105 bar, 2 L	Cartridge External N2, 160 bar, 3 L Pressure gauge to check the pressurization
Accessories	Base	Welded frame		Welded frame	
	Nozzle	EPDM reinforced rubber hose 5 m, squeeze pistol	EPDM rubber hose 5 m, brass ball valve & polyamide discharge horn	EPDM reinforced rubber hose 5 m, polyamide squeeze pistol & dielectric nozzle	EPDM reinforced rubber hose 5 m, polyamide squeeze pistol & dielectric nozzle

## Portable Foam Applicator Unit, Set, with 20 L Fluoroprotein PFOS/PFOA Free 6% Foam Tank, SOLAS/MED

- Hand-held Portable Foam Applicator for engine & machinery spaces of boats or vessels to apply foam directly onto fires or fuel surfaces.

- Enables quick and easy deployment when fixed systems are unavailable.
- Compliant with SOLAS 1974 & IMO Res. MSC.98 (73) FSS Code, Ch.4.3.2



Code | 72867



### Set includes:

- Low expansion self-inducting foam nozzle (3% or 6%) with shut-off ball valve
- Connection for the fire hose: 1 1/2" BSP - connects to vessel's water supply via fire hose (not included)
- 1 x 20 L portable tank (supplied empty and must be filled by user)
- Flexible EPDM foam hose
- 2 x 20 L foam canisters (code 72866)

### Characteristics of Low expansion self-inducting foam nozzle

Length (L)	670 mm
Diameter (W)	50 mm
Connection (Ø) BSP	1 1/2"
Weight	2,2 kg
Working Pressure	2,5 bar
Flow Rate lt/min at 2,5 bar	~200
Flow Rate lt/min at 4 bar	~270
Flow Rate lt/min at 5 bar	~290
Flow Rate lt/min at 7 bar	~340
Jet Length at 2,5 bar	15 m
Suction Percentage	6% (3%)
Material of Body	Anodized Aluminium
Material of Pipe	Stainless Steel Painted Yellow

## Foam 6%, 20 L Canister, Fluoroprotein PFOS/PFOA Free, SOLAS/MED



Code | 72866

## Marine Brackets

### 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 6 kg	160
73647	Dry Powder 9 kg	190
73648	Foam 9 L	180
73649	CO <sub>2</sub> 5 g	136



# Fire Extinguishers Spare Parts



**Cartridge External N2, 105 bar, 2 L, for LALIZAS PFAS Free Foam Fire Extinguisher 50 L**

Code | 75944

**Cartridge External N2, 160 bar, 3 L, for LALIZAS PFAS Free Foam Fire Extinguisher 150 L**

Code | 75945



**Foam Concentrate, Glorilight ECO, 180 ml, for LALIZAS Fire Extinguisher PFAS Free Foam 6 L**

Code | 75954

**Foam Concentrate, Glorilight ECO X, 180 ml, for LALIZAS Fire Extinguisher PFAS Free Foam 9 L**

Code | 75955

**Foam Concentrate, Impex CFX3000, 180 ml, for LALIZAS Lithium Battery Fire Extinguisher 9 L**

Code | 75956



**Powder ABC, Adex K, 6 kg, for LALIZAS Fire Extinguisher Dry Powder 6 kg & 12 kg, 1pc for 6 kg & 2pcs for 12 kg**

Code | 75957



**Foam Concentrate 3,5 L for LALIZAS PFAS Free Foam Fire Exting. 50 L & 150 L, 1pc for 50 L & 3pcs for 150 L**

Code | 75947



**Cartridge CO<sub>2</sub>, 60 g, for LALIZAS PFAS Free Foam Extinguisher 6 L**

Code | 75950

**Cartridge CO<sub>2</sub>, 120 g, for LALIZAS PFAS Free Foam/Li-Battery Extinguisher 9 L**

Code | 75951

**Cartridge CO<sub>2</sub>, 140 g, for LALIZAS Dry Powder Extinguisher 6 kg**

Code | 75952

**Cartridge CO<sub>2</sub>, 280 g, for LALIZAS Dry Powder Extinguisher 12 kg**

Code | 75953

# Fire Blankets

## LALIZAS Fire Blanket in a PVC Case

The fire blankets are essential in high-risk areas, such as the kitchen. The offered models are 100 x 100 cm and 120 x 180 cm and supplied in a rigid case, with instructions printed on the top. In accordance to EN 1869.



Code	Dimension (cm)
70448	100 x 100
71298	120 x 180

\* silicone coated

## Fire Blanket for Electric Vehicles

The most efficient way to isolate and extinguish car fires, especially in electric vehicles.

- Made of 100% e-glass fiberglass with silicone coating on both sides, that can withstand high temperatures
- Isolates flames, smoke and toxic fumes within seconds
- Suitable for fossil fuel cars and electric/hybrid cars up to SUV size
- Suggested precautionary use on electric/hybrid cars
- Reusable
- Waterproof backpack with handles for easy carrying
- Handling loops on four corners for easy use

Code	75397
Size	6 x 9 m (54 m <sup>2</sup> )
Material	100% e-glass fiberglass with silicone coating on both sides
Sewing Thread	Aramid Steel
Weight	29 kg
Max Instant Temperature/ Soften Point	1100°C
Working Temperature (Continuous) / Withstand	550°C



**LALIZAS Fire Extinguisher, Lithium-Ion Battery PFAS Free, 9 L, Cartridge Operated, with wall bracket, SOLAS/MED (EN,GR,CN)**

Code | 75949



Specified Testing Standards: EN13501-1, NFPA 701

As maritime transport of EVs expands, authorities and industry stakeholders are strengthening measures aimed at improving detection, containment and response to lithium-battery fires at sea. Responding to growing market needs, LALIZAS offers specialized equipment designed to help limit the spread of fire incidents involving lithium batteries and EVs on board ships.



# Fire Hoses

Circular woven jacket made of **100% high-tenacity polyester yarn** with an inner **EPDM\* or PVC lining**.

- Dimensions commonly used within the commercial marine market: **15 m, 20 m, 25 m, 30 m**
- Also available in 60 m roll
- Available in the most common hose diameters: 1 -1/2", 1 -3/4", 2", 2-1/2"

- **Excellent resistance** to seawater, hydrolysis, rot & mildew
- **Lightweight & compact**
- **Extremely low friction loss** for maximum flow
- **Highly resistant** to most chemicals & petrol products
- **Max. working pressure 15 bar**

- Fire Hoses **SOLAS/MED** approved (for diameter 1 1/2" to 2")

\* EPDM lining suggested if exposed to very low temperatures & UV for a longer shelf life.

## LALIZAS Fire Hoses, with Couplings

### EPDM Lining



Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved
71698	1,5" / 38	Storz 38 Brass	15	Yes
71699			20	
72499			25	
71705	2" / 52	Storz 50 Brass	15	Yes
71706			20	
71707			25	
74460			30	
71711	2,5" / 64	Storz 65 Brass	15	Mandatory from 23/9/2028
71712			20	
71713			25	
74461			30	
72500	1,5" / 38	Nakajima 38 Brass	15	Yes
72501			20	
72502			25	
72503	2" / 52	Nakajima 50 Brass	15	Yes
72504			20	
72505			25	
74462			30	

Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved
72506	2,5" / 64	Nakajima 65 Brass	15	Mandatory from 23/9/2028
72507			20	
72508			25	
74463			30	
74464	1,5" / 38	Barcelona 45 Aluminium	15	Yes
74465			20	
74466			25	
74467	1 3/4" / 45	Barcelona 45 Aluminium	15	Yes
74468			20	
74469			25	
74470			30	
74475	2,5" / 64	Barcelona 70 Aluminium	15	Mandatory from 23/9/2028
74476			20	
74477			25	
74478	1 3/4" / 45	UNI 45 Brass	15	Yes
74479			20	
74480			25	
74481			25	
74482			30	

### PVC Lining

Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved
75321	1,5" / 38	Storz 38 Brass	15	Yes
75322			20	
75323			25	
75324	2" / 52	Storz 50 Brass	15	Yes
75325			20	
75326			25	
75327	2" / 52	Storz 50 Aluminium	30	Yes
75118			15	
75119			20	
75120			25	
75121	2,5" / 64	Storz 65 Brass	30	Mandatory from 23/9/2028
75328			15	
75329			20	
75330			25	
75331			30	

Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved
75332	1,5" / 38	Nakajima 38 Brass	15	Yes
75333			20	
75334			25	
75335	2" / 52	Nakajima 50 Brass	15	Yes
75336			20	
75337			25	
75338			30	
75122	2" / 52	Nakajima 50 Aluminium	15	Yes
75196			20	
75197			25	
75198			30	
75339	2,5" / 64	Nakajima 65 Brass	15	Mandatory from 23/9/2028
75340			20	
75341			25	
75342			30	

Code	Inner Diam (inch/mm)	Coupling	Length (m)	SOLAS/MED approved
75343	1,5" / 38	Barcelona 45 Aluminium	15	Yes
75344			20	
75345			25	
75346	1 3/4" / 45	Barcelona 45 Aluminium	15	Yes
75347			20	
75348			25	
75349			30	
75354	2,5" / 64	Barcelona 70 Aluminium	15	Mandatory from 23/9/2028
75355			20	
75356			25	
75357	1 3/4" / 45	UNI 45 Brass	30	Yes
75358			15	
75359			20	
75360			25	
75361			30	

## LALIZAS Fire Hose

### EPDM Lining

Code	Inner Diam (inch/mm)	Length (m)	SOLAS/MED approved
72509	1,5" / 38	15	Yes
72510	1,5" / 38	20	Yes
72511	1,5" / 38	25	Yes
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
72512	2" / 52	15	Yes
72513	2" / 52	20	Yes
72514	2" / 52	25	Yes
74484	2" / 52	60	Yes
72515	2,5" / 64	15	Mandatory from 23/9/2028
72516	2,5" / 64	20	Mandatory from 23/9/2028
72517	2,5" / 64	25	Mandatory from 23/9/2028
74483	2,5" / 64	60	Mandatory from 23/9/2028

### PVC Lining

Code	Inner Diam (inch/mm)	Length (m)	SOLAS/MED approved
75310	1,5" / 38	15	Yes
75311	1,5" / 38	20	Yes
75312	1,5" / 38	25	Yes
75306	1 3/4" / 45	15	Yes
75307	1 3/4" / 45	20	Yes
75308	1 3/4" / 45	25	Yes
75309	1 3/4" / 45	30	Yes
75313	2" / 52	15	Yes
75314	2" / 52	20	Yes
75315	2" / 52	25	Yes
75316	2" / 52	60	Yes
75317	2,5" / 64	15	Mandatory from 23/9/2028
75318	2,5" / 64	20	Mandatory from 23/9/2028
75319	2,5" / 64	25	Mandatory from 23/9/2028
75320	2,5" / 64	60	Mandatory from 23/9/2028



# Relevant Equipment for Fire Hoses

**Storz, Nakajima** type made of brass & aluminium

**Barcelona** type made of aluminium



**UNI** type made of brass

- Range of standard coupling sizes for marine use:  
1,5"/38 mm, 1 3/4"/45 mm, 2"/52 mm, 2,5"/64 mm
- Brass provides exceptional resistance to harsh marine environment (corrosion, abrasion & sea salt resistance)





## LALIZAS Fire Hose Couplings

 <p>Storz</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Coupling</th> </tr> </thead> <tbody> <tr> <td>75116</td> <td>Storz 50 Aluminium</td> </tr> </tbody> </table>		Code	Coupling	75116	Storz 50 Aluminium	 <p>Nakajima</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Coupling</th> </tr> </thead> <tbody> <tr> <td>75117</td> <td>Nakajima 50 Aluminium</td> </tr> </tbody> </table>		Code	Coupling	75117	Nakajima 50 Aluminium	 <p>Barcelona</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Coupling</th> </tr> </thead> <tbody> <tr> <td>74490</td> <td>Barcelona 45 tail 1 3/4" Aluminium</td> </tr> <tr> <td>74491</td> <td>Barcelona 45 tail 1 1/2" Aluminium</td> </tr> <tr> <td>74492</td> <td>Barcelona 70 tail 1 1/2" Aluminium</td> </tr> </tbody> </table>		Code	Coupling	74490	Barcelona 45 tail 1 3/4" Aluminium	74491	Barcelona 45 tail 1 1/2" Aluminium	74492	Barcelona 70 tail 1 1/2" Aluminium				
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## LALIZAS Fog Nozzle 3 position

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## Blank Cap & Chain

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



Code	Diameter (mm)
75069	12
75070	16
75071	19

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

 <p>Storz</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Coupling</th> </tr> </thead> <tbody> <tr> <td>75072</td> <td>Storz 38 brass</td> </tr> <tr> <td>75076</td> <td>Storz 50 brass</td> </tr> <tr> <td>75080</td> <td>Storz 65 brass</td> </tr> </tbody> </table>		Code	Coupling	75072	Storz 38 brass	75076	Storz 50 brass	75080	Storz 65 brass	 <p>Nakajima</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Coupling</th> </tr> </thead> <tbody> <tr> <td>75084</td> <td>Nakajima 38 brass</td> </tr> <tr> <td>75088</td> <td>Nakajima 50 brass</td> </tr> <tr> <td>75092</td> <td>Nakajima 65 brass</td> </tr> </tbody> </table>		Code	Coupling	75084	Nakajima 38 brass	75088	Nakajima 50 brass	75092	Nakajima 65 brass	 <p>Barcelona</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Coupling</th> </tr> </thead> <tbody> <tr> <td>75096</td> <td>Barcelona 45 Aluminium</td> </tr> <tr> <td>75100</td> <td>Barcelona 70 Aluminium</td> </tr> </tbody> </table>		Code	Coupling	75096	Barcelona 45 Aluminium	75100	Barcelona 70 Aluminium	 <p>UNI</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Coupling</th> </tr> </thead> <tbody> <tr> <td>75104</td> <td>UNI 45 Brass</td> </tr> </tbody> </table>		Code	Coupling	75104	UNI 45 Brass
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# Fire Hoses & Relevant Equipment

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

## Gasket



Code	Gasket
74493	Nakajima, 38 mm
74494	Nakajima, 50 mm
74495	Nakajima, 65 mm
74496	Storz, 38 mm
74497	Storz, 50 mm
74498	Storz, 65 mm
74499	UNI 45
74500	Barcelona 45
74501	Barcelona 70

### With Adapter Storz

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

### With Adapter Nakajima

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

### With Adapter Barcelona

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

### With Adapter UNI

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

## Spanner



Code	Spanner
74514	For Storz Couplings up to 3"

**International Shore Connection Brass, SOLAS, with Bolts, Nuts, Gasket, 2.5" BSP Male Thread, without Coupling**



Code | 75989

# Breathing Apparatus

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



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

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

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

It is available in two versions:

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

Both versions contain the following parts:

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

The SCBA is also available without cylinder - code 71327.1.

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

Portable radio sets (ATEX or IECEX ) can be supplied with the SCBA upon request.

\*Impa Code 330416, 330421, 330423, 330425



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



Code | 02302

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



Code | 02303

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	270 x 490 x 755	SOLAS/MED	
71327.1	Will accept wide range of 300 bar cylinders. The air cylinders shall be designed in accordance with national regulations, bearing an EU standard cylinder valve with G5/8" thread. Please refer to user instructions for further information.							
71328	9	Carbon Composite	300	50-60	≤12	280 x 445 x 735		

# Breathing Apparatus

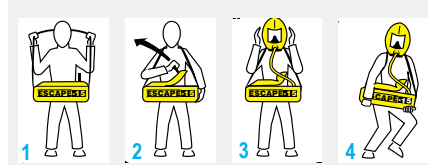
## LALIZAS Emergency Evacuation Breathing Device / EEBD "ESCAPE-15", SOLAS/MED

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.



### ESCAPE-15

- Full-face hood universal size, suitable for every face shape
- Durable, elastic and non-irritant neoprene neck seal
- 15 min steady air-flow with sufficient air-delivery rate
- EU standard valve with G 5/8" charging thread
- Flame resistance
- 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 (70321)
- Easy to refill cylinder (no adaptor required)
- Available option with carbon composite cylinder upon request (703211)
- Shelf life is 10 years, or 15 years (for carbon composite cylinder), from the date of the cylinder's manufacture
- An alarm whistle sounds before the air supply is exhausted (available upon request)

### Technical Specifications

Code	70321	703211
Cylinder Volume (L)	3	
Cylinder Material	Steel	Carbon Composite
Approvals	SOLAS / MED-MER	SOLAS / MED
Working Pressure (bar)	200	
Working Temp. Range (°C)	-10 to 65	
Length (cm)	50	53
Height (cm)	22	21
Width (cm)	13	11
Weight (kg)	6,15	4,50
Volume (cm³)	14.300	12.200

\* The product is tested per the following Regulations and Standards:

- SOLAS 74 as amended • Regulation II-2/13 • FSS Code 3
- IMO MSC/Circ. 849 - Tested according to ISO 23269-1:2008 and EN 1146:2005



Worldwide spare parts availability through our network.



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



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



- Shockproof, anti-blast pressure gauge
- Colour-coded for easy reading of duration
- Overpressure - internal cylinder pressure

### Accessories

#### Wall Bracket for EEBD

Code | 01623



#### Plastic Cover for EEBD

Code | 01622



### Hard Case for EEBD, With Transparent Window, Polyethylene, Orange



- Durable construction, high visibility
- Fits both LALIZAS EEBD models
- Compact design & easy installation on board
- Internal securing strap for added stability
- Fast inspection & emergency access through transparent window

Code	76102
Dimensions (mm)	640 x 300 x 180
Weight (kg)	3,4



LALIZAS

2 Mikras Asias - Fokeas & Eginis, 185 47 Piraeus, Greece

Tel.: +30 210 4226274 - e-mail: [info@lalizas.com](mailto:info@lalizas.com)

[www.lalizas.com](http://www.lalizas.com)