



MARSTM
SAFETY
INTERNATIONAL



Lifesaving | Firefighting | Safety Equipment

PRODUCT CATALOG

+ LIFESAVING EQUIPMENT 🔥 FIREFIGHTING EQUIPMENT 🛡️ SAFETY EQUIPMENT 📡 MARINE LIGHTING 🚣 LIFEBOAT/RAFT ACCESSORIES ⚓ OTHER MARINE SUPPLIES





At Mars Safety, We Ensure

100% QUALITY ASSURED PRODUCTS



Mars Safety International Pte Ltd offers a comprehensive selection of onboard firefighting and marine safety essentials.

Our marine firefighting range includes self-contained breathing apparatus (SCBA) for firefighting, thermal protective gear, tools, fire hoses, and fittings.



Our marine lifesaving and safety range features emergency escape breathing devices (EEBD), immersion suits, life jackets, life buoys, rescue tripods, fall arrestors, full-body harnesses, lifeboat safety belts, marine gangways, pilot and embarkation ladders, and personnel transfer baskets.



Additionally, we supply marine lightings for search and rescue operations, first-aid kits, emergency drinking water, emergency rations for survival crafts, and other essential marine supplies such as navigation compasses and day signals.



Approved by DNV, RINA, CCS, and MED-certified, our lifesaving, firefighting, and safety equipment adheres to strict industry standards, delivering top-tier safety and performance for marine operations, while giving crews and passengers confidence at sea.

Find out about our newest products:

[MARS-SAFETY.COM](https://www.mars-safety.com)

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 **MARS™
SAFETY**
INTERNATIONAL



Life Jackets | Life Buoys | Survival Suits | Escape Respirator



LIFESAVING EQUIPMENT

Model: HXCQY-S150N IMPA: 330166



Double Chamber Inflatable Life Jacket – 150N (MED/SOLAS Approved)

Technical Specifications

Type of Buoyancy: Inflatable
 Buoyancy: $\geq 150N$
 Buoyancy loss after 24hrs: $\leq 5\%$
 Number of Inflatable Chambers: 2
 Speed of Inflation: $\leq 5s$
 Main Components:
 Inflatable Chamber Material: Nylon fabric with TPU backing
 Life Jacket Cover Material: Oxford with PVC backing
 CO2 Gas Cylinder: 33g
 Buckle Material: Nylon
 Straps Material: 38mm/25mm width black Polyester straps
 Whistle Material: PVC material
 User Suitability: Adults of weight $>43kg$ and height $\geq 155cm$

Product Features

MED/SOLAS approved
 Double chamber system
 Ideal for commercial maritime activities, offshore work, or other high-risk environments.
 Capable of manual, oral, and automatic activation.
 Comes with SOLAS reflective tape, oral inflation tubes, two rescue whistles, buddy line, grabing loop, and lifting loop.
 Allows for waist and crotch fastening.
 Air chambers will inflate in less than 5 seconds when activated using CO2 air cylinders.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res.MSC 81(70) as amended
 Reference Standards:
 SOLAS 74 Reg.III/7,
 SOLAS 74 Reg.III/22,
 SOLAS 74 Reg.III/34,
 IMO Res.MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res.MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1470,
 IMO MSC.1/Circ.1628.



Model: HXCQY-S275N IMPA: 330166



Double Chamber Inflatable Life Jacket – 275N (MED/SOLAS Approved)

Technical Specifications

Type of Buoyancy: Inflatable
 Buoyancy: $\geq 275N$
 Buoyancy loss after 24hrs: $\leq 5\%$
 Number of Inflatable Chambers: 2
 Speed of Inflation: $\leq 5s$
 Main Components:
 Inflatable Chamber Material: Nylon fabric with TPU backing
 Life Jacket Cover Material: Oxford with PVC backing
 CO2 Gas Cylinder: 60g
 Buckle Material: Nylon
 Straps Material: 38mm/25mm width black Polyester straps
 Whistle Material: PVC material
 User Suitability: Adults of weight $>43kg$ and height $\geq 155cm$

Product Features

MED/SOLAS approved
 Double chamber system
 Ideal for commercial maritime activities, offshore work, or other high-risk environments.
 Capable of manual, oral, and automatic activation.
 Comes with SOLAS reflective tape, oral inflation tubes, two rescue whistles, buddy line, grabing loop, and lifting loop.
 Allows for waist and crotch fastening.
 Air chambers will inflate in less than 5 seconds when activated using CO2 air cylinders.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res.MSC 81(70) as amended
 Reference Standards:
 SOLAS 74 Reg.III/7,
 SOLAS 74 Reg.III/22,
 SOLAS 74 Reg.III/34,
 IMO Res.MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res.MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1470,
 IMO MSC.1/Circ.1628.



Model: HXCQY-D150N

IMPA: 330166

Inflatable Working Life Jacket – 150N



Technical Specifications

Type of Buoyancy: Inflatable
 Buoyancy: ≥150N
 Buoyancy loss: ≤5%
 Weight: ≤1kg
 Number of Inflatable Chambers: 1
 Main Components:
 Inflatable Chamber Material: TPU
 CO2 Gas Cylinder: 33g

Product Features

Single chamber
 Ideal for seamen during offshore work activities.
 Capable of manual, oral, and automatic activation.
 Comes with SOLAS reflective tape, oral inflation tube, one rescue whistles, and grabbing loop.
 Air chambers will inflate in less than 5 seconds when activated using CO2 air cylinders.

Certifications

Approval: CCS certificate
 Standard: ISO 12402-3:2020
 Important Note: This life jacket does not meet SOLAS requirements and is intended solely for use by seamen during offshore work activities.



Spares



Spare CO2 Cartridge – 33G

Product Features

33g single use 1/2" threaded cartridge compatible for manual activation of 150N inflatable life jackets.
 Note: Product does not include green clip and bobbin.



Spare CO2 Cartridge – 60G

Product Features

60g single use 1/2" threaded cartridge compatible for manual activation of 275N inflatable life jackets.
 Note: Product does not include green clip and bobbin.



Oral Inflation Tube

Product Features

90 degrees angle.
 Used for manual inflation of inflatable life jacket.



Life Jacket Bobbin Replacement

Product Features

Replacement part for automatic inflators on life jackets and other personal flotation devices.
 Universal fit.

Model: HX-II / IMPA: 330131

Foam Life Jacket With Collar – 150N (SOLAS Approved)



Technical Specifications

Cover Material: Polyester
 Buoyancy Material: EPE Foam
 Buoyancy: ≥150N
 Buoyancy Loss: ≤5% (24h)
 User Suitability: Adults of weight ≥43kg and height ≥155cm

Product Features

SOLAS approved
 Ideal for seamen and passengers onboard vessels.
 Comes with SOLAS reflective tape, neck support, one rescue whistles, buddy line, and grabing loop.
 Allows for chest and waist fastening.

Certifications

Approval: CCS certificate
 Approval Standards: Regulation 4.7.22 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I and II of MSC.48(66) International Life-saving Appliance Code, as amended by MSC.207(81), MSC.218(82) and MSC.368(93).
 Part 1 and Part 2 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended by MSC.200(80), MSC.226(82), MSC.323(89) and MSC.378(93).



Model: HX-III / IMPA: 330131

Foam Life Jacket With Collar – 185N (SOLAS Approved)



Technical Specifications

Cover Material: Polyester
 Buoyancy Material: EPE Foam
 Buoyancy: ≥185N
 Buoyancy Loss: ≤5% (24h)
 User Suitability: Adults of weight ≥43kg and height ≥155cm

Product Features

SOLAS approved
 Ideal for seamen and passengers onboard vessels.
 Comes with SOLAS reflective tape, neck support, one rescue whistles, buddy line, and grabing loop.
 Allows for chest and waist fastening.

Certifications

Approval: CCS certificate
 Approval Standards: Regulation 4.7.22 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I and II of MSC.48(66) International Life-saving Appliance Code, as amended by MSC.207(81), MSC.218(82) and MSC.368(93).
 Part 1 and Part 2 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended by MSC.200(80), MSC.226(82), MSC.323(89) and MSC.378(93).



Model: HX-I

IMPA: 330131



Adult Foam Life Jacket – 150N (MED/SOLAS Approved)

Technical Specifications

Cover Material: Polyester
 Buoyancy Material: EPE Foam
 Buoyancy: ≥150N
 Buoyancy Loss: ≤5% (24h)
 User Suitability: Adults of weight ≥43kg and height ≥155cm

Product Features

MED/SOLAS approved
 Ideal for seamen and passengers onboard vessels.
 Comes with SOLAS reflective tape, neck support, one rescue whistles, buddy line, and grabing loop.
 Allows for chest and waist fastening.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended.
 Reference Standards:
 SOLAS 74 Reg. III/7,
 SOLAS 74 Reg. III/22,
 SOLAS 74 Reg. III/34,
 IMO Res. MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res. MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1470.

Approval: CCS certificate

Approval Standards: Regulation 4,7,22 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I and II of MSC.48(66) International Life-saving Appliance Code, as amended by MSC.207(81), MSC.218(82) and MSC.368(93).
 Part 1 and Part 2 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended by MSC.200(80), MSC.226(82), MSC.323(89) and MSC.378(93).



Model: HXL-4

IMPA: 330132



Children Foam Life Jacket – 85N (MED/SOLAS Approved)

Technical Specifications

Cover Material: Polyester
 Buoyancy Material: EPE Foam
 Buoyancy: ≥85N
 Buoyancy Loss: ≤5% (24h)
 User Suitability: Children weighing 15kg to <43kg and measuring 100cm to <155cm in height

Product Features

MED/SOLAS approved
 Suitable for children onboard vessels.
 Comes with SOLAS reflective tape, neck support, one rescue whistles, buddy line, and grabing loop.
 Allows for chest and waist fastening.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended.
 Reference Standards:
 SOLAS 74 Reg. III/7,
 SOLAS 74 Reg. III/22,
 SOLAS 74 Reg. III/34,
 IMO Res. MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res. MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1470.

Approval: CCS certificate

Approval Standards: Regulation 4,7,22 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I and II of MSC.48(66) International Life-saving Appliance Code, as amended by MSC.207(81), MSC.218(82) and MSC.368(93).
 Part 1 and Part 2 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended by MSC.200(80), MSC.226(82), MSC.323(89) and MSC.378(93).



Model: HX86-5A / IMPA: 330131

Working Life Jacket

Technical Specifications

Buoyancy Material: EPE Foam
Buoyancy: $\geq 74N$

Product Features

Ideal for seamen during offshore work activities.
Comes with SOLAS reflective tape and one rescue whistle.

Certifications

Approval: CCS certificate
Standard: GB/T 32227-2015
Important Note: This life jacket does not meet SOLAS requirements and is intended solely for use by seamen during offshore work activities.



Model: - / IMPA: -

Flotation Work Vest

Technical Specifications

Buoyancy Material: EPE Foam
Buoyancy: $\geq 74N$

Product Features

Ideal for seamen during offshore work activities.
Comes with SOLAS reflective tape and one rescue whistle.



Model: DRY-C IMPA: -

Three Pieces Working Life Jacket



Technical Specifications

Buoyancy Material: EVA Foam
 Buoyancy: ≥74N
 Buoyancy Loss: ≤5%

Product Features

Adult sized EVA foam working life jacket.
 Ideal for seamen during offshore work activities.
 Comes with reflective tapes on front and back.

Certifications

Approval: CCS certificate
 Standard: GB/T 32227-2015
 Important Note: This life jacket does not meet SOLAS requirements and is intended solely for use by seamen during offshore work activities.



Accessories



Model: HXYD-GD
 IMPA: 330143

Life Jacket Light - Alkaline Batteries (MED/SOLAS Approved)

Product Features

Activates automatically when wet.
 Can be turned off manually to conserve battery life.
 Constructed to withstand harsh marine environments.



Model: HXYD-L-B
 IMPA: 330143

Life Jacket Light - Lithium Batteries (MED/SOLAS Approved)

Product Features

Activates automatically when wet.
 Can be turned off manually to conserve battery life.
 Constructed to withstand harsh marine environments.



Stainless Steel Whistle

Product Features

Made of corrosion-resistant stainless steel.
 Includes lanyard for easy attachment to lifejackets or emergency gear.



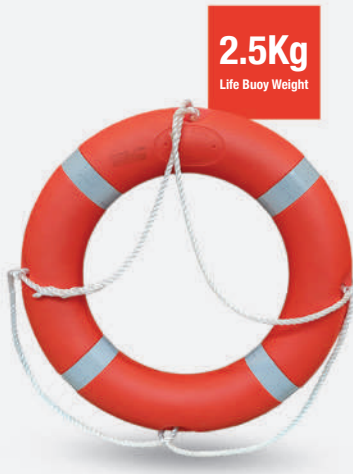
Plastic Whistle

Product Features

Made of corrosion-resistant plastic.
 Includes lanyard for easy attachment to lifejackets or emergency gear.

Life Buoy – 2.5Kg/4.3Kg (MED/SOLAS Approved)

Model: HX5556 IMPA: 330159



Technical Specifications - 2.5Kg

Weight: $\geq 2.5\text{Kg}$
 Inner Diameter: $436 \pm 10\text{mm}$,
 Outer Diameter: $720 \pm 10\text{ mm}$

Product Features

MED/SOLAS approved
 Polyurethane foam buoyancy material.
 Complete with Solas reflective tape and poly rope.

Model: HX5557 IMPA: 330160



Technical Specifications - 4.3Kg

Weight: $\geq 4.3\text{Kg}$
 Inner Diameter: $456 \pm 10\text{mm}$
 Outer Diameter: $747 \pm 10\text{ mm}$

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res.MSC.81(70) as amended
 Reference Standards: SOLAS 74 Reg.III/7,
 SOLAS 74 Reg.III/22, SOLAS 74 Reg.III/34,
 IMO Res.MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res.MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1470.IMO MSC.1/Circ.1628



Accessories

Encapsulated Life Buoy Rescue line



Product Features

Tangle-free, durable, and easily deployable lifeline.
 30m of braided polypropylene buoyant line.
 Breaking strain of 250kg.
 Fits inside a standard life buoy.

Life Buoy Bracket



Product Features

Holds lifebuoys steady on deck or on shore based locations.
 Compatible with lifebuoys with outer diameter 72cm-76cm.

Life Buoy Quick Release Device



Product Features

Rapidly deploys life buoy in an emergency.
 Simple pull of a latch to release life buoy.
 Corrosion-resistant FRP material.

Model: - IMPA: -



Lifeline Throw Ring

Technical Specifications

Rope Material: Polypropylene Fiber
 Rope Diameter: 8mm
 Length: 30m

Product Features

Complete set with buoyant throwing ring and floating line.
 Floating ring keeps the line visible and accessible.
 Equipped with a stainless-steel snap hook for secure attachment to railings or lifebuoys.

Model: HXB-II IMPA: 330195

Immersion Suit (MED/SOLAS Approved)



Technical Specifications

Temperature Range: -30°C ~ +65°C
 Main Components:
 Waterproof Material (Fabric): CR Rubber
 Buoyancy Material: Pearl Wool
 Waterproof Zipper CR Rubber
 Sewing Thread: Polyester
 Floating Rope: Polypropylene
 Whistle: Reinforced Nylon
 Stainless Steel Shackle: 304
 Retro-Reflective Tape: PC (Polycarbonate)

Product Features

MED/SOLAS approved
 Suitable for rough, open, or remote waters where rescue might be delayed, to be donned in extremely cold water conditions where the risk of hypothermia is high.
 Designed to be worn without life jacket.
 Users can swim and climb while wearing this suit.
 Made of CR expanded neoprene composite cloth.
 Neoprene boots with rubber soles.
 Stitched-on watertight zipper.
 Lifting harness with stainless steel D-rings and carabiner.
 Face flap shields face from strong winds and sea spray.
 Buoyancy pillow keeps head elevated above water.

Waterproof Performance:
 Water permeability under 200g after an hour immersion.

Floating Force Performance:
 Wearer can turn to the face-up position within 5 seconds, with mouth and nose exposed to 120mm from the water.
 Buoyancy loss less than 5% after 24 hours immersion.

Thermal Insulation Performance:
 When wearer is immersed in still water at 0-2°C for 6 hours, body temperature will not drop more than 2°C.

Size Available

S, Suitable for height: 1.45m-1.60m
 M, Suitable for height: 1.60m-1.75m
 L, Suitable for height: 1.75m-1.85m
 XL, Suitable for height: 1.85m-1.95m
 XXL, Suitable for height: 1.95m-2.1m

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res.MSC.81(70) as amended, IMO Res.MSC.481(102).
 Reference Standards:
 SOLAS 74 Reg.III/7,
 SOLAS 74 Reg.III/22,
 SOLAS 74 Reg.III/32,
 SOLAS 74 Reg.III/34,
 IMO Res.MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res.MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO Res.MSC.481(102),
 IMO MSC/Circ.1046,
 IMO MSC.1/Circ.1628.



Accessories

Test & Repair Kit For Immersion Suit

Product Features

Includes airtight clamp, manual inflating pump, pressure gauge, spanner, and a set of repair tools.
 Useful for detection of any potential leaks or damages in the immersion suit's sealing system and prompt repair of the suit.
 Items are packed in an aluminium carrying case.
 Easy-to-follow instructions provided in the kit.



Beeswax Zipper Lubricant

Product Features

Made of 100% beeswax
 Suitable for Immersion suits, dry suits, and other marine survival gear.
 Ensures easy opening and closing of heavy-duty zippers, and repels moisture to prevent rust and corrosion.



Model: ZXD-I IMPA: 330196



Thermal Protective Aid (SOLAS Approved)

Technical Specifications

Materials: Polyimide composited with aluminium foil and polyester fiber
 Thermal Conductance: $\leq 7800W/(m^2K)$

Fabric Watertight Integrity: Capable of enduring 2m high-pressure of water column.

Product Features

SOLAS approved
 Aluminized polyimide suit made of waterproof material. Suitable for use inside of liferaft or lifeboat. Compact size make it ideal for storage in survival crafts. Reduces both convective and evaporative heat loss from the wearer's body.

Certifications

Approval: CCS certificate
 Approval Standards: Regulation 4 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I and II of MSC.48(66) International Life-saving Appliance Code.
 Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended by MSC.226(82) and MSC.323(89).



Model: RFH-II IMPA: -



Fully Enclosed Chemical Protection Suit

Technical Specifications

Material: PVC
 Overall Airtightness: 5.4% decrease in pressure within 4mins
 Weight Of Complete Set: $\leq 8kg$
 Fabric Permeability:
 96% Sulfuric Acid, $t > 60mins$
 30% Sodium Hydroxide, $t > 60mins$
 Liquid Pressure Penetration Resistance:
 30% Sodium Hydroxide $> 35KPa$
 Methanol $> 35KPa$
 Acetonitrile $> 35KPa$
 Wear Resistance: 2000 cycles, no damage
 Durability Against Bending/Damage: 8100 Cycles, No Damage
 Fabric Puncture Resistance: 35N
 Tear Strength:
 74N in warp direction, 61N in weft direction
 Breaking Strength:
 790N in longitudinal direction, 470N in latitudinal direction
 Chemical Protective Window Puncture Resistance: 176N
 Seam Strength: 460N

This heavy-duty chemical protection suit is gas tight. It is to be used in conjunction with a helmet and a Self-Contained Breathing Apparatus (SCBA).

Product Features

Heavy-duty PVC enclosed suit for protection against chemical hazardous material, corrosive substances, and toxic gases released during emergency operations in maritime environments.
 One-piece design with fully sealed chemical and puncture resistant rubber boots, chemical resistant and flame retardant gloves (replaceable), sealed zippers, hood with large viewing field, ventilation system and an encapsulated SCBA design.
 Inflates using air from the Self-Contained Breathing Apparatus (SCBA) to maintain positive pressure, preventing contaminants from entering the suit.
 distribution valve knob can be adjusted to regulate the airflow into the suit.
 Waterproof materials ensure the wearer remains dry.
 Hi-Vis orange to enhance visibility in low-light conditions.
 Comes with manual for use/maintenance.

Sizes

S, Suitable for Height: $< 1.6m$
 M, Suitable for Height: $1.6m - 1.75m$
 L, Suitable for Height: $1.75m - 1.9m$
 XL, Suitable for Height: $1.9m - 2.05m$

Certifications

Approval: CCS certificate
 Standard: GB24539-2021
 Important Note: This chemical protection suit is intended for workplace practitioners and emergency rescue work, it is not suitable for use in firefighting and other occasions.



Model: RFH-I IMPA: 330979



Chemical Protection Suit – (SOLAS Approved)

Technical Specifications

Material: 0.3mm PVC
 Overall Weight: 3.5±0.5kg
 Zipper: Not Gas-Proof
 Abrasion Resistance: Class 6
 Compression-Folding (Schildknecht) Flex Cracking Resistance: Class 6
 Compression-Folding (Schildknecht) Flex Cracking Resistance at -30°C: Class 6
 Trapezoidal Tear Resistance: Class 3
 Tensile Strength: Class 5
 Puncture Resistance: Class 3
 Resistance to Permeation by Chemicals for Material (Fabric, 10%NaOH): Class 6
 Resistance to Permeation by Chemicals for Material (Fabric, 30%H2SO4): Class 6
 Resistance to Permeation by Chemicals for Material (Fabric, 37%HCl): Class 6
 Resistance to Permeation by Chemicals for Material (A-1, 10%NaOH): Class 6
 Resistance to Permeation by Chemicals for Material (A-1, 30%H2SO4): Class 6
 Resistance to Permeation by Chemicals for Material (A-1, 37%HCl): Class 6
 Resistance to Permeation by Chemicals for Material (A-2, 10%NaOH): Class 6
 Resistance to Permeation by Chemicals for Material (A-2, 30%H2SO4): Class 6
 Resistance to Permeation by Chemicals for Material (A-2, 37%HCl): Class 6
 Resistance to Ignition: Pass
 Seam Strength: Class 5
 Whole Suits Testing: Pass

Product Features

SOLAS approved, Type 4 (Spray tight) light-duty PVC suit for protection against chemical spills and splashes which can occur during emergency operations in maritime environments.
 One-piece design with rubber boots, elastic cuffs, reinforced seams, and hood.
 Chemical resistant gloves provided, to be worn separately. Lightweight materials allow for mobility and reduce fatigue during prolonged use.
 Waterproof materials ensure the wearer remains dry.
 Button closures for quick and easy on/off access.
 Hi-Vis orange to enhance visibility in low-light conditions.

Sizes Available

M, Suitable for Height: 164cm-176cm
 L, Suitable for Height: 176cm-188cm
 XL, Suitable for Height: 188cm-200cm

Certifications

Approval: DNV certificate
 Approval Standards: EN 14605:2005 TYPE 4
 Important Note: This chemical protection suit is intended for workplace practitioners and emergency rescue work, it is not suitable for use in firefighting and other occasions.



This light-duty chemical protection suit is not gas tight. It is to be used in conjunction with a Self-Contained Breathing Apparatus (SCBA).

Model: RFH-I(A) IMPA: 330979



Chemical Protection Suit

Technical Specifications

Material: PVC
 Fire-Retardant Rubber Fabric Performance:
 Thickness: 0.45±0.05mm
 Fracture Strength: ≥250N
 Flame Retardancy:
 After-Flame: ≤10sec,
 After-Glow: ≤10sec,
 Damaged Length: ≤10cm, no molten drop
 Seam Breaking Strength: ≥45N
 Permeation:
 98% H2SO4: ≥240min,
 30% HCL: ≥240min,
 60% HNO3: ≥240min,
 40% NaOH: ≥240min
 Chemical Resistance Boots Performance:
 Electric Insulation of the sole: ≥5000V
 Puncture Resistance of the sole: ≥780N
 Water Resistance of the boot: No leakage when submerged in water for 2 hours
 Chemical Protective Clothing Performance:
 Adhesive Strength of the seal: ≥0.78kN/m
 Water Percolation Resistance: No percolation when sprayed with 3L/min sprinkler for 3 minutes

Product Features

A light-duty PVC suit for protection against chemical spills and splashes which can occur during emergency operations in maritime environments.
 One-piece design with rubber boots, elastic cuffs, reinforced seams, and hood.
 Chemical resistant gloves provided, to be worn separately. Lightweight materials allow for mobility and reduce fatigue during prolonged use.
 Waterproof materials ensure the wearer remains dry.
 Velcro closures for quick and easy on/off access.
 Hi-Vis orange to enhance visibility in low-light conditions.

Sizes Available

M, Suitable for Height: 160cm-170cm
 L, Suitable for Height: 170cm-180cm
 XL, Suitable for Height: 180cm-190cm
 XXL, Suitable for Height: 190cm-200cm

Certifications

Approval: CCS certificate
 Approval Standards: GB24540-2009
 Important Note: This chemical protection suit is intended for workplace practitioners and emergency rescue work, it is not suitable for use in firefighting and other occasions.



This light-duty chemical protection suit is not gas tight. It is to be used in conjunction with a Self-Contained Breathing Apparatus (SCBA).

Model: - IMPA: 330992



Chemical Protective Clothing

Technical Specifications

Suit Material: 0.3mm PVC

Content

- (1) Storage Bag
- (2) Protective Coverall
- (3) Chemical Resistant Gloves
- (4) Rubber Boots
- (5) Safety Helmet
- (6) Clear Visor Attachment for helmet
- (7) Clear Safety Goggles

Product Features

Full-body PVC suit with hood and front zipper for chemical splash protection.
Includes goggles, gloves, rubber boots, and safety helmet with visor.
Waterproof and lightweight for comfort and mobility.
Hi-Vis orange with reflective stripe for visibility in low light.

Sizes Available

L, Suitable for Height: 1.7m-1.8m
XL, Suitable for Height: 1.8m-1.9m

Accessories

Full Face Gask Mask



Product Features

Covers the entire face, protecting eyes, nose, and mouth from hazardous gases and airborne particles.

Gask Mask Catridge Refill Activated Carbon



Product Features

Safety certification (LA-2006-0384).
Absorb and neutralize organic vapors and toxic gases.

EEBD Storage Box



Product Features

Size: 690mm x 350mm x 170mm
Corrosion resistant FRP material.
Highly visible bright red color.
Stores and protects the EEBD from dirt, dust, and tampering.

Model: THHX15-1 IMPA: 330438



Emergency Escape Breathing Device 15mins (MED/SOLAS Approved)

Technical Specifications

Cylinder Volume: 3L
Working Pressure Of Air Cylinder: 210Bar (21MPa)
Output Flow: $\geq 35L/min$
Export Pressure Of Pressure Reducer: $0.65 \pm 0.2MPa$
Inhalation Resistance: $\leq 500ba$
Exhalation Resistance: $\leq 700ba$
Rated Working Duration: $\geq 15mins$
Service Life: 15 years
Weight: $\leq 7.5 Kg$
Packing Size: 545mm x 165mm x 210mm

Product Features

MED/SOLAS approved
Provides personal breathing protection during escape from toxic or oxygen deficit in confined spaces onboard.
3L air cylinder provides 15-minutes of breathable air.
Warning whistle sounds off when air supply is low.
Simple to put on hood-based design.
Does not need a separate air supply or external source.
Activates by removing pin from air cylinder.
Compact and lightweight, worn either as a chest bag.
Hi-Vis orange for high visibility in smoke filled environment.
Easy viewing of pressure gauge with transparent window.
Comes with manual for use/maintenance.

Certifications

Approval: DNV certificate
Regulations/Testing Standards: SOLAS 74 as amended,
Regulation II-2/13 IMO Res. MSC/Circ.849,
ISO23269-1(2008) and EN 1146:2005.





Breathing Apparatus | Firefighting Gear | Extinguishers/Accessories | Fire Hoses/Fitting



FIREFIGHTING EQUIPMENT

Self-Contained Breathing Apparatus For Firefighting (SCBA) – 6L/6.8L (MED/SOLAS Approved)

Model: RHZK6/30

IMPA: 330424



6L

Cylinder Volume

Technical Specifications - 6L

Cylinder Volume: 6L
 Working Pressure Of Air Cylinder: 300bar (30MPa)
 Air Cylinder Material: Steel
 Air Deposit: 1800L
 Usage Time: 50-60mins, Estimated based on air consumption of 30L/min-Light work
 Export Pressure (Pressure Reducing Valve): 0.65 ± 0.2 MPa
 Gas Valve (Pressure Reducing Valve): >300 L/min
 Inhalation Resistance: ≤ 500 ba
 Exhalation Resistance: ≤ 700 ba
 Exhalation Resistance (30L/min): ≤ 687 ba
 Opening Pressure (Gas Valve): ≤ 980 ba
 Opening Pressure (Relief Valve): 1.0-1.2MPa
 Alarm Pressure: 5.5 ± 0.5 MPa
 Weight: ≤ 21 kg
 Packing Size: 710mm x 430mm x 290mm

Product Features

MED/SOLAS approved
 Suitable for shipboard firefighters (maritime use only).
 6L volume provides 50-60 minutes of breathable air, while 6.8L volume provides 60-70 minutes of breathable air.
 Warning whistle sounds off when air supply is low.
 Demand valve provides air only when inhaled.
 Anatomic back frame with harness for easy donning.
 Packed in heavy duty plastic carrying case.
 Comes with manual for use/maintenance.

Model: RHZK6.8/30

IMPA: 330424



6.8L

Cylinder Volume

Technical Specifications - 6.8L

Cylinder Volume: 6.8L
 Working Pressure Of Air Cylinder: 300bar (30MPa)
 Air Cylinder Material: Carbon Fiber Composite
 Air Deposit: 2040L
 Usage Time: 60-70mins, Estimated based on air consumption of 30L/min-Light work
 Export Pressure (Pressure Reducing Valve): 0.65 ± 0.2 MPa
 Gas Valve (Pressure Reducing Valve): >300 L/min
 Inhalation Resistance: ≤ 500 ba
 Exhalation Resistance: ≤ 700 ba
 Exhalation Resistance (30L/min): ≤ 687 ba
 Opening Pressure (Gas Valve): ≤ 980 ba
 Opening Pressure (Relief Valve): 1.0-1.2MPa
 Alarm Pressure: 5.5 ± 0.5 MPa
 Weight: ≤ 14 kg
 Packing Size: 710mm x 430mm x 290mm

Certifications

Approval: DNV certificate
 Regulations/Testing Standards: SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7, FSS Code 3, IBC Code 14, IGC Code 14, IMO Res. MSC.339(91) in conjunction with IMO MSC.1/Circ.1499, EN 137 (2006), EN 136 (1998) including AC (2003) and ISO 23269 2:2011



Spares/Accessories

Spare Compressed Air Cylinder & Valve – 300Bar



Model: RHZK6/30

Model: RHZK6/30

Product Availability

6L (Steel) - Yellow
 6.8L (Carbon Fiber Composite) - Grey

Air Cylinder Pressure Tester



Product Features

Nickel-plated brass body.
 Specifically designed for checking the content of an air cylinder, indicating how much air is left.

Electronic Audio & Visual Warning Device



Product Features

Emits loud alarm and flashes white and red lights when air supply is low.
 SOS button for emergency signaling.

Model: HXXF-GRF-II

IMPA: 330941

Fireman Suit – Set (MED Approved)



Technical Specifications

Color: Orange
 Construction: 4 Layers
 Fabric Assembly:
 Outer Fabric: 98% Aramid Fiber, 2% Anti-Static, 200g/m²
 Moisture Barrier: 100% Aramid Fiber, PTFE, 105g/m²
 Thermal Barrier: 100% Aramid Fiber, 70g/m²
 Lining Fabric: 50% Aramid Fiber, 50% FR Viscose, 120g/m²

Levels of Performance Achieved: Level 2 (X2, Y2, Z2)
 Contact Heat Test: Level X2
 Heat Transfer - Flame: Level X2
 Heat Transfer - Radiation: Level X2
 Resistance to Water Penetration (Moisture Barrier): Level Y2
 Water Vapour Resistance: Level Z2

Product Features

MED approved
 Made of aramid fiber in 4 layers.
 Outer Shell: Made of aramid fiber, provides excellent flame retardant protection.
 Moisture Barrier: Made of aramid fiber with PTFE, effectively blocks water while allowing air to pass, ensuring the suit is breathable and comfortable.
 Thermal Insulation Layer: Made of aramid fiber, gives extra flame and thermal protection.
 Inner Lining: Composed of 50% aramid and 50% viscose, provides flame resistance, is lightweight and soft.
 Jacket features an encapsulated SCBA design with front chest openings for SCBA tubing integration.
 Trousers comes with right thigh holder for firefighting tool and left thigh pocket for storing item.
 Yellow and silver reflective trims enhance wearer's visibility.

The set comprises a jacket and trousers.

Sizes Available

L, Suitable for Height: 185cm, Max Chest: 144cm,
 Max Waist: 138cm
 XL, Suitable for Height: 195cm, Max Chest: 152cm,
 Max Waist: 146cm

Certifications

Approval: RINA certificate
 Testing Standards: EN 469:2020
 Reference Standards:
 SOLAS 74 Reg. II-2/10
 IMO Res.MSC.36(63)-(1994 HSC Code) 7
 IMO Res.MSC.97(73)-(2000 HSC Code) 7
 IMO Res.MSC.98(73)-(FSS Code) 3



Other Gear



Firefighting Gloves

Product Features

Protects hands from extreme temperatures.
 Reinforced grip for secure handling.
 Extended gauntlet cuffs guard wrists and lower arms.



Firefighting Belt

Product Features

Accommodates various body sizes and shapes.
 Constructed from flame retardant nylon ribbon.
 Withstands significant forces with a working pull rating of 4500N.



Firefighting Rubber Boots

Product Features

Protect feet from high temperatures and direct flame exposure during onboard firefighting.
 Constructed from flame retardant rubber.



Firefighting Helmet

Product Features

Lightweight design.
 Includes visor face shield and neck protector.
 Fitted with flashlight holder attachment.

Model: DTXF-93-I

IMPA: 330901

Aluminized Fireman Suit – Set

Technical Specifications

Material: Flame-retardant fabric with aluminum foil coating
 Heat Radiation Resistance: Under a heat radiation of 10 kW/m², the temperature increase on the inner surface did not exceed 25°C.
 Waterproof Properties: ≥4000

Product Features

Essential for situations requiring protection against high radiant heat, such as firefighting near fires, industrial kiln operations, or during emergency response situations involving intense heat.
 The base material consists of flame-retardant fibers designed to resist ignition, providing heat and fire protection, while the aluminum coating reflects radiant heat, reducing the risk of burns and heat stress.
 Designed for comfort and ease of movement, allowing firefighters to perform their duties effectively.
 Jacket features an encapsulated SCBA design with front chest openings for SCBA tubing integration.
 Trousers comes with left thigh holder for firefighting tool and right thigh pocket for storing item.

The set comprises a hood, jacket, trousers, gloves, boot covers, rubber boots, and a helmet.

Certifications

Approval: CCS certificate
 Standard: Chapter 3 of International Code for Fire Safety Systems as amended by MSC.339(91).



Other Gear

Fire Axe With Insulated Handle



Product Features

Insulated rubber sleeve handle.
 Provides secure grip and insulation against electrical hazards.
 Multi-functional for chopping and prying.

Small Fire Axe With Insulated Handle



Product Features

Small and lightweight.
 Insulated, non-slip rubber handle.
 Multi-functional for chopping and prying.

Fire Axe With Wood Handle



Product Features

Nickel-plated brass body.
 Specifically designed for checking the content of an air cylinder, indicating how much air is left.

Model: HXXF-GRF-II

IMPA: 330971/330972

Fireman Lifeline Hemp Rope

Technical Specifications

Tension Strength: >3.5KN

Product Features

A combination rope of wire and hemp rope.
 Comes complete with safety snap hook.

Sizes Available

8mm x 30m
 8mm x 40m

Certifications

Approval: CCS certificate
 Scope of Testing and Result: The magnet is attached to the fixed iron plate and maintains a pulling force of 300kg for 5 minutes without loosening.



Model: HXXF-ZB-I

IMPA: -

Fireman Equipment Box

Technical Specifications

Box Material: Fiberglass reinforced plastic
Dimension: 740mm x 600mm x 400mm

Content

- (1) Aluminized Fireman Suit
- (2) Firefighting Helmet
- (3) Firefighting Rubber Boots
- (4) Firefighting Belt
- (5) Breathing Apparatus – 6L Air Cylinder
- (6) Fireman Lifeline Hemp Rope – 30m
- (7) Portable Light Explosion Proof
- (8) Fire Axe With Insulated Handle

Product Features

Essential for situations requiring protection against high radiant heat, such as firefighting near fires, industrial kiln operations, or during emergency response situations involving intense heat. Equipment are stored in a polycarbonate storage box.

Certifications - Aluminized Fireman Suit Set

Approval: CCS certificate
Standard: Chapter 3 of International Code for Fire Safety Systems as amended by MSC.339(91).



Certifications - Breathing Apparatus

Approval: DNV certificate
Regulations/Testing Standards: SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7, FSS Code 3, IBC Code 14, IGC Code 14, IMO Res. MSC.339(91) in conjunction with IMO MSC.1/Circ.1499, EN 137 (2006), EN 136 (1998) including AC (2003) and ISO 23269 2:2011



Certifications - Fireman Lifeline Hemp Rope

Approval: CCS certificate
Standard: Chapter 3 of International Code for Fire Safety Systems as amended by MSC.339(91).



Certifications - Portable Light Explosion Proof

Approval: CCS certificate
Standard: GB3836.2-2010/IE60079
Explosion Proof Certificate No.: NLE13.0613



Model: HXABYJ-YP

IMPA: 331006

Powder Refill AB Chemical Foam 9L

Technical Specifications

Net Weight (External Powder): 430g
Net Weight (Internal Powder): 600g

Product Features

Includes two packets of refill powder for filling both the extinguisher body and the inner cylinder of the 9L chemical foam fire extinguishers.
Designed for use in specific classes of fires, primarily Class A and Class B fires.
Easy to refill, it can be mixed with water to quickly create a foam solution when replenishing extinguishers.

Certifications

Approval: Eurofins Product Testing Service
Relevant Standards/Specifications: Comply with the concentration limits as specified in Annex II to Directive 2011/65/EU and its amendment Directive (EU) 2015/863
Report Number: EFSH23031311-CG-01



Spares

Lead Seal for AB Chemical Foam 9L



Product Features

Lead sealing plate for AB-type chemical foam fire extinguishers.
Punctured during activation to allow the two chemical agents (A and B) to mix, which then produces the foam.

Model: PQ8/0.72-C IMPA: 331076

Portable Foam Applicator



Stainless Steel

Powder Coated Red

Technical Specifications

Rated Working Pressure: 0.25-0.5Mpa
 Range: ≥20m
 Flow Rate: 8±10%/S
 Foam Tank Volume: >20L
 Foam Making Liquid: 6%

Product Features

Lightweight design with back straps for fast and convenient deployment in marine emergencies.
 For extinguishing fire caused by oil and flammable liquid. Provides uniform foam discharge and can be easily attached to standard fire hoses.
 Connects to the vessel's fire main and draws foam concentrate from the attached container to produce a foam-water mixture for fire suppression.
 Stainless steel tank and nozzle, ensuring durability and longevity in harsh marine environments.

Color Available

Stainless Steel
 Powder Coated Bright Red

Nozzle Size Available

DN50
 DN65

Certifications

Approval: CCS certificate
 Product Inspection Standards: Chapter 4 of International Code for Fire Safety Systems, as amended by MSC.217(82).



Foam Concentrate

3% AFFF (Aqueous Film Forming Foam) – 25L



Product Features

Forms an aqueous film that quickly seals fuel surfaces and suppresses vapors.
 Low viscosity for easy proportioning and fast spreading across hydrocarbon fires.
 Effective with fresh or seawater through standard foam systems.

3% Fluoroprotein (FP) Foam – 25L



Product Features

Protein-based foam blanket resists radiant heat and re-ignition.
 Dense, cohesive structure ideal for large tank and bund fires.
 Maintains performance even when in contact with hydrocarbon fuels.

Model: - IMPA: 330751

Fire Hose Storage Box



Technical Specifications

Material: Polycarbonate
 Dimension: 560mm x 540mm x 150mm

Product Features

Constructed from durable polycarbonate for resistance to weather and seawater.
 Shields the fire hose and associated nozzles and spanners from dust, moisture, and unauthorized access.
 Designed to store fire hoses up to 20m long along with nozzles and spanners.
 Highly visible bright red color.

Model: - IMPA: -



Wall Holders For Fire Extinguisher

Product Features

Easy to screw onto a wall.
Powder-coated for corrosion protection.
Adjustable nylon straps for secure hold.

Sizes Available

Size: 12cm x 32cm, For 2Kg Fire Extinguisher
Size: 16cm x 42.5cm, For 5Kg Fire Extinguisher
Size: 16.5cm x 58cm, For 7Kg Fire Extinguisher
Size: 19cm x 47cm, For 9L Fire Extinguisher

Model: - IMPA: -



Stainless Steel Wall Holders For Fire Extinguisher

Product Features

Easy to screw onto a wall.
Corrosion-resistant marine-grade stainless steel.
Adjustable buckle for secure hold.

Sizes Available

Size: 12cm x 32cm, For 2Kg Fire Extinguisher
Size: 16cm x 42.5cm, For 5Kg Fire Extinguisher
Size: 16.5cm x 58cm, For 7Kg Fire Extinguisher
Size: 19cm x 47cm, For 9L Fire Extinguisher

Model: - IMPA: -



Fireman Bucket

Product Features

Corrosion-resistant stainless steel.
Highly visible bright red color.
Semi circle design provides space-efficiency by sitting flush against a wall or bulkhead on a vessel.
Holds either water or sand, depending on the type of fire.

Model: - IMPA: -



Fire-Extinguishing Sand Box

Technical Specifications

Material: Fiberglass reinforced plastic
Dimension: 500mm x 290mm x 280mm

Product Features

Corrosion-resistant and non-conductive.
Highly visible bright red color.
Store fire-extinguishing sand, for oil and gas fires.

Spares/Accessories

Spare CO2 Cartridge For Fire Extinguisher



Product Availability

75g – M16 Thread
120g – M16 Thread

CO2 Fire Extinguisher Nozzle



Product Features

Made from durable PVC material.
Directs the flow of the CO2 extinguishing agent toward the base of a fire.

Dry Powder Fire Extinguisher Nozzle



Product Features

Produces a narrow, concentrated, and forceful stream of dry powder.
Comes with hose connection.

Model: - IMPA: -

Brass Fire Hose Couplings



Technical Specifications

Material: Brass

Product Features

Quick-connect couplings for connecting fire hoses to each other or to water source.
Durable, corrosion-resistant brass material.
Produced with precise and accurate fit, ensuring tight seal.

Types Of Connection Available

Machino
Nakajima
Storz

Sizes Available

DN40, DN50, DN65

Spares

Storz Coupling Seals NBR Rubber



Product Features

Available in DN40 and DN50 sizes.
Ensures a watertight connection between two Storz couplings.

Fire Hose Nozzles



Machino Brass Dual-Purpose Jet/Fog Fire Hose Short Nozzle

Product Features

Twist-type head allows instant flow pattern adjustment, switching between jet and fog modes.
For crew safety and heat protection during firefighting.



Nakajima Brass Dual-Purpose Jet/Fog Fire Hose Short Nozzle

Product Features

Twist-type head allows instant flow pattern adjustment, switching between jet and fog modes.
For crew safety and heat protection during firefighting.



Storz Brass Dual-Purpose Jet/Fog Fire Hose Short Nozzle

Product Features

Twist-type head allows instant flow pattern adjustment, switching between jet and fog modes.
For crew safety and heat protection during firefighting.



Storz Brass Dual-Purpose Jet/Fog Fire Branch Pipe

Product Features

Twist-type head allows instant flow pattern adjustment, switching between jet and fog modes.
For crew safety and heat protection during firefighting.



Nakajima Brass Straight Stream Nozzle

Product Features

Jet head can be removed to fit different spray tips.
For general shipboard firefighting and deck wash-downs where a strong water jet is needed.



Storz Brass Straight Stream Nozzle

Product Features

Jet head can be removed to fit different spray tips.
For general shipboard firefighting and deck wash-downs where a strong water jet is needed.

Model: - IMPA: 330841



Brass International Shore Connection With Storz Adaptor

Technical Specifications

Material: Brass

Product Features

A standard marine fitting used for firefighting that allows a ship to receive a water supply from shore-based fire services or nearby ships. Durable, corrosion-resistant brass material. Come with bolts, nuts, washers and gaskets.

Sizes Available

DN40, DN50, DN65

Model: - IMPA: -



Storz

Nakajima

Brass Blank Caps With Chain

Technical Specifications

Material: Brass

Product Features

For sealing off couplings on fire hoses or hydrants to prevent leaks and protect the fittings from damage and dirt. Durable, corrosion-resistant brass material.

Types Of Connection Available

Nakajima
Storz

Sizes Available

DN40, DN50, DN65

Accessories

Pin-Lug Spanner



Product Features

For tightening and loosening of fire hose Pin-Lug couplings and adapters. Durable, corrosion-resistant brass material.

Storz Spanner Wrench



Product Features

For tightening and loosening of fire hose Storz couplings and adapters. Durable, corrosion-resistant brass material.

Hydrant Spanner Wrench



Product Features

For tightening and loosening fire hydrant caps and hose connections. Durable, corrosion-resistant brass material.

Model: - IMPA: -



High-Pressure Fire Hose – Rubber

Technical Specifications

Inner/Outer layer: Rubber
Working Pressure: 10Kgf/cm²

Product Features

Excellent resistance to weather, abrasion, oil, chemical and especially to ozone attack.
Easy to clean hose surface, and easy to handle because of difficulty to kink.
Ideal for connection to marine hydrants and nozzles for fire suppression or washdown operations.

Sizes Available

Diameter: 40mm, Length: 20m
Diameter: 50mm, Length: 20m
Diameter: 65mm, Length: 20m

Model: 10-40	IMPA: 330704/330710
Model: 10-50	IMPA: 330705/330711
Model: 10-65	IMPA: 330706/330712
Model: 13-40	IMPA: -
Model: 13-50	IMPA: -
Model: 13-65	IMPA: -

High-Pressure Fire Hose – Polyester

Technical Specifications

Liner: Polyurethane
Braiding latitude and longitude Line: Polyester filament

Product Features

PU inner lining provide smooth bore, reduces friction loss and resists mildew and seawater corrosion.
Reinforced outer layer for strength and flexibility.
Ideal for connection to marine hydrants and nozzles for fire suppression or washdown operations.

Working Pressure Available

10Bar
13Bar

Sizes Available – 10Bar

Diameter: 40mm, Length: 20m/30m
Diameter: 50mm, Length: 20m/30m
Diameter: 65mm, Length: 20m/30m

Sizes Available – 13Bar

Diameter: 40mm, Length: 20m
Diameter: 50mm, Length: 20m/30m
Diameter: 65mm, Length: 20m/30m

Certifications

Approval: CCS certificate
Approval Standards: Regulations 10, Chapter II-2 of International Convention for the Safety of Life at Sea, 1974, as amended.
GB 6246-2011 Fire Hose



Accessories

Portable Binding Tool For Fire Hose



Product Features

For securing couplings to fire hoses.
Features a cast frame and a hand crank for winding the binding wire.



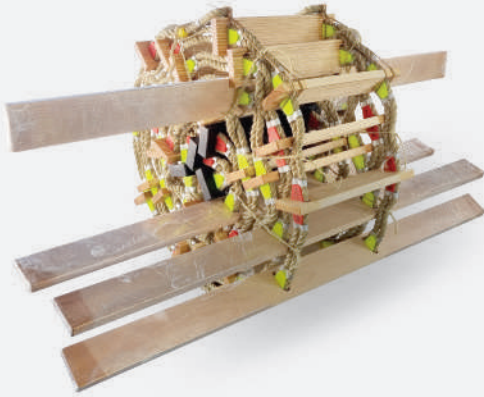


Marine Ladders | Personnel Transfer Devices | Safety Gear | Other Safety Devices



SAFETY EQUIPMENT

Model: DMSE-PL IMPA: -



Please Choose Bottom Structure Upon Order Confirmation



Bottom Structures Available
 Open End Type – (See Left Image)
 Closed End Type – (See Right Image)

If none is chosen, we will proceed with option 2 (Closed End) which is more common.

All Ladders Are Digitally Stamped



Authenticate with confidence. Sail without delays.
 By scanning the QR code on the ladder's name tag located below the top step and the lowest spreader, marine pilots can verify the ladder's authenticity, view the vessel name and access digital copies of all compliance certificates in real time.



Pilot Ladder
 (MED/SOLAS Approved)

We Can Fabricate Lengths from 2m to 22m

Please Send Enquiry To Sales@mars-safety.com

Technical Specifications

- Rope Material: Ø20 Manila Rope
- Fastening Clamp Material: 5254 Aluminium Alloy
- Triangular Choke Material: Polypropylene
- Hook Material: Galvanized Carbon Steel
- Wooden Step Size: 525mm X 115mm X 28mm
- Rubber Step Size: 525mm X 115mm X 80mm
- Spreader Step Size: 1800mm X 115mm X 28mm

Product Features

MED/SOLAS approved, met the required standards (ISO 799-1:2019).
 Used every day by maritime pilots around the world to board and disembark ships.
 Steps have non-skid surfaces, secured with sea water resistant aluminium clamps.
 Ropes not painted, coated or covered, thimbles provided.
 Ropes are spliced to top on the ladder.
 All steps are made from hardwood, only bottom 4 steps are made from rubber.

Certifications

Approval: DNV, RINA certificates
 Testing Standards: IMO Res.A.1045(27), as amended.
 ISO 799-1:2019
 Reference Standards: Reg. V/23 and Reg. X/3 of SOLAS 74 Convention as amended.
 IMO Res.A.1045(27), IMO MSC/Circ.1428



Spares

Wooden Replacement Step



Product Features

Size: 525mm X 115mm X 28mm
 Made from marine-grade hardwood.
 Designed to be replaced without replacing the entire ladder or requiring special tools.

Replacement Spreader Step



Product Features

Size: 1800mm X 115mm X 28mm
 Made from marine-grade hardwood.
 Designed to be replaced without replacing the entire ladder or requiring special tools.

Model: HX-300

IMPA: 232093



Holding Magnet For Pilot Ladder 300Kg Clamping Force

Technical Specifications

Holding Magnet Size: L300mm x W140mm x T55mm
Material: Iron, Steel
Clamping Force: 300kg
Weight: 3.5kg
Color: Yellow
Tightening Belt Size: L450mm x W40mm

Content

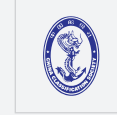
- (1) Holding Magnet
- (2) Tightening Belt
- (3) Storage Box

Product Features

Provides removable anchor points for pilot ladders or floating booms.
Withstands harsh marine conditions with sealed, no-entry design.
Lightweight (3.5kg) yet delivers 300kg+ clamping force through paint and grime.
Discharge handle for easy attachment and release.
Safety yellow powder-coated finish for high visibility.

Certifications

Approval: CCS certificate
Scope of Testing and Result: The magnet is attached to the fixed iron plate and maintains a pulling force of 300kg for 5 minutes without loosening.



Model: HX-500

IMPA: 232093



Holding Magnet For Pilot Ladder 500Kg Clamping Force

Technical Specifications

Holding Magnet Size: L305mm x W155mm x T55mm
Material: Iron, Steel
Clamping Force: 500kg
Weight: 4.2kg
Color: Yellow
Tightening Belt Size: L485mm x W45mm

Content

- (1) Holding Magnet
- (2) Tightening Belt
- (3) Storage Box

Product Features

Provides removable anchor points for pilot ladders or floating booms.
Withstands harsh marine conditions with sealed, no-entry design.
Lightweight (4.2kg) yet delivers 500kg+ clamping force through paint and grime.
Discharge handle for easy attachment and release.
Safety yellow powder-coated finish for high visibility.

Certifications

Approval: CCS certificate
Scope of Testing and Result: The magnet is attached to the fixed iron plate and maintains a pulling force of 500kg for 5 minutes without loosening.



Model: DMSE-EL IMPA: -

Embarkation Ladder (MED/SOLAS Approved)

We Can Fabricate Lengths from 2m to 50m

Please Send Enquiry To Sales@mars-safety.com

Technical Specifications

Rope Material: Ø20 Manila Rope
Fastening Clamp Material: 5254 Aluminium Alloy
Triangular Choke Material: Polypropylene
Hook Material: Galvanized Carbon Steel
Wooden Step Size: 525mm X 115mm X 28mm
Rubber Step Size: 525mm X 115mm X 80mm

Product Features

MED/SOLAS approved, met the required standards (ISO 5489:2008).
Used by the crew to board a lifeboat or used as access to the life rafts during emergencies.
Steps have non-skid surfaces, secured with sea water resistant aluminium clamps.
Ropes not painted, coated or covered, thimbles provided.
Ropes are spliced to top on the ladder.
All steps are made from hardwood, only bottom 4 steps are made from rubber.

Certifications

Approval: DNV, RINA certificates
Testing Standards: IMO Res.MSC.81(70), as amended.
ISO 5489:2008
Reference Standards: Reg. III/4, III/11, III/34 and Reg. X/3 of SOLAS 74 Convention as amended.
IMO Res.MSC.48(66), IMO MSC.1/Circ.1285



Spares

Wooden Replacement Step

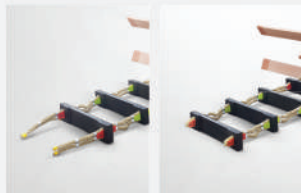


Product Features

Size: 525mm X 115mm X 28mm
Made from marine-grade hardwood.
Designed to be replaced without replacing the entire ladder or requiring special tools.



Please Choose Bottom Structure Upon Order Confirmation



Bottom Structures Available

Open End Type – (See Left Image)
Closed End Type – (See Right Image)

If none is chosen, we will proceed with option 2 (Closed End) which is more common.

All Ladders Are Digitally Stamped



Authenticate with confidence. Sail without delays.
By scanning the QR code on the ladder's name tag located below the top step and the lowest spreader, marine pilots can verify the ladder's authenticity, view the vessel name and access digital copies of all compliance certificates in real time.

Powered by ACCREDITIFY

Model: HXTB-P IMPA: -



Aluminium Wharf Ladder – Flat Type

Technical Specifications

Platform Width: 60cm
Platform Height: 10cm
Handrail Height: 100cm

Product Features

ABS approved design.
Provides stable and secure access for personnel and cargo when the ship is moored next to a dock.
Clear width of 60cm allows safe and easy access for individuals.
Cross ridges for foot support with non-slip walking surface.
Designed with rollers and hook for easy mounting.
The set includes removable aluminium handrails and ropes that can be installed as needed.

Lengths Available

2m, Safe Working Load: 143kg
2.5m, Safe Working Load: 210kg
3m, Safe Working Load: 210kg
3.5m, Safe Working Load: 240kg
4m, Safe Working Load: 240kg
5m, Safe Working Load: 360kg
6m, Safe Working Load: 420kg

Certifications

Approval: ABS Test Report
Inspection Standards: The safe working load test was performed within the specified inspection scope and witnessed by ABS technical representative. The results were found to be satisfactory according to the supplier's test procedure (No.: HXTB002 Rev: 002).



Model: HXTB-Q IMPA: -



Aluminium Wharf Ladder – Bridge Type (SOLAS-Compliant)

Technical Specifications

Platform Length: 8m
Platform Width: 60cm
Platform Height: 35cm
Handrail Height: 100cm
Maximum Available Angle: 30°
Safe Working Load: 1960kg

Product Features

SOLAS-compliant design, CCS approved.
Features a strong bridge structure for superior strength.
Provides stable and secure access for personnel and cargo when the ship is moored next to a dock.
Clear width of 60cm allows safe and easy access for individuals.
Cross ridges for foot support with non-slip walking surface.
Designed with rollers and hook for easy mounting.
The set includes removable aluminium handrails and ropes that can be installed as needed.

Certifications

Approval: CCS certificate
Approval Standards: Clause 3-9, Chapter II-1 of the SOLAS 1974 and MSC.256(84) for its amendment.
MSC.1/Circ.1331, Guidelines for the construction, installation, maintenance and inspection/survey of means of embarkation and disembarkation.
ISO 7061-2015 Shipbuilding aluminium shore gangways for seagoing vessels.



Model: HXDL-ZZD Series IMPA: -



Personnel Transfer Basket – Folding Type

Product Features

CCS approved design.
Ideal for safe personnel and material transfer in maritime and industrial use.
Collapsible design for compact storage and easy transport.
Lightweight and easy to maneuver for frequent relocation.
Suitable for space-limited areas like offshore sites or emergency use.

Sizes Available

HXDL-ZZD-4 (Max. Crew Number: 4), Safe Working Load: 580kg, Diameter: 146cm, Height: 750cm, Weight: 110Kg
HXDL-ZZD-6 (Max. Crew Number: 6), Safe Working Load: 870kg, Diameter: 166cm, Height: 750cm, Weight: 125Kg

Certifications

Approval: CCS certificate
Inspection Standards: Chapter 4 of China Classification Society Rules for Lifting Appliances of Ships and Offshore Installations.
China Classification Society Guide of Marine Basket Inspection(2023).



Model: HXDL-ZD Series IMPA: -



Personnel Transfer Basket – Folding Type

Product Features

Apave approved design.
Ideal for safe personnel and material transfer in maritime and industrial use.
Collapsible design for compact storage and easy transport.
Lightweight and easy to maneuver for frequent relocation.
Suitable for space-limited areas like offshore sites or emergency use.

Sizes Available

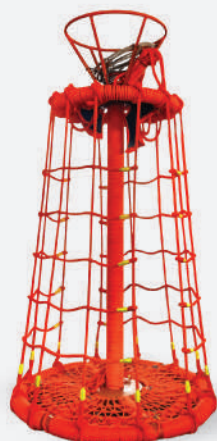
HXDL-ZD-4 (Max. Crew Number: 4), Safe Working Load: 570kg, Diameter: 150cm, Height: 320cm, Weight: 80Kg
HXDL-ZD-6 (Max. Crew Number: 6), Safe Working Load: 800kg, Diameter: 1650cm, Height: 320cm, Weight: 110Kg
HXDL-ZD-8 (Max. Crew Number: 8), Safe Working Load: 1150kg, Diameter: 180cm, Height: 320cm, Weight: 120Kg
HXDL-ZD-10 (Max. Crew Number: 10), Safe Working Load: 1425kg, Diameter: 190cm, Height: 325cm, Weight: 135Kg
HXDL-ZD-12 (Max. Crew Number: 12), Safe Working Load: 1600kg, Diameter: 205cm, Height: 325cm, Weight: 145Kg

Certifications

Approval: Apave test report
Inspection Standards: The safe working load test was performed within the specified inspection scope and witnessed by Apave technical representative. The results were found to be satisfactory according to the supplier's test procedure (No.: HXDL010 Rev: 010).



Model: HXDL-LZ Series IMPA: -



Personnel Transfer Basket – Pillar Type

Product Features

ABS approved design.
Enables safe transfer of personnel and materials in maritime and industrial operations.
Fixed, rigid structure with vertical supports ensures stability and strength.
Built for permanent installations with high load capacity.
Ideal for offshore platforms, industrial sites, and heavy-duty transfer operations.

Sizes Available

HXDL-LZ-4 (Max. Crew Number: 4), Safe Working Load: 600kg, Diameter: 135cm, Height: 275cm, Weight: 220Kg
HXDL-LZ-6 (Max. Crew Number: 6), Safe Working Load: 850kg, Diameter: 148cm, Height: 295cm, Weight: 275Kg
HXDL-LZ-8 (Max. Crew Number: 8), Safe Working Load: 1000kg, Diameter: 168cm, Height: 295cm, Weight: 300Kg
HXDL-LZ-10 (Max. Crew Number: 10), Safe Working Load: 1200kg, Diameter: 188cm, Height: 295cm, Weight: 350Kg
HXDL-LZ-12 (Max. Crew Number: 12), Safe Working Load: 1500kg, Diameter: 208cm, Height: 295cm, Weight: 410Kg

Certifications

Approval: ABS test report
Inspection Standards: The safe working load test was performed within the specified inspection scope and witnessed by ABS technical representative. The results were found to be satisfactory according to the supplier's test procedure (No.: HXTL005 Rev: 005).



Model: - IMPA: -

Full Body Safety Harness

Technical Specifications

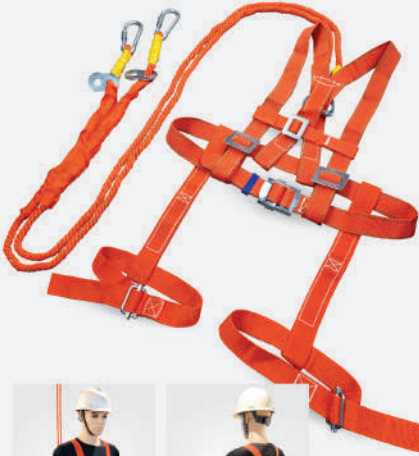
Rope Length: Approx. 2m
Bearing Capacity: Approx. 100kg
Material: Polyamide, Alloy Steel
Color: Orange

Certifications

This product is manufactured in compliance with the GB6095-2021 standard and should be used in accordance with that standard.

Product Features

Minor assembly required: attach waist belt and leg straps before use.
Suitable for rescue, electrical, and construction work.
Dual alloy steel hooks for secure attachment.
Made from durable, wear-resistant polyamide for easy cleaning.
Full-body frame ensures balanced weight and comfort.
Adjustable front buckle fits most users.



Model: - IMPA: -

5-Point Fall Arrest Safety Harness Set

Technical Specifications

Fall Arrest Safety Harness

Bearing Capacity: Approx. 100kg
Overall Tension: 2000N
Strap Width: 4cm
Strap Thickness: 1.8mm
Material: Polyester, Alloy Steel
Color: Orange & Blue
User Suitability: Adults of weight 69-90kg, waist 70-120cm, and height 160-190cm

Certifications

This product is manufactured in compliance with the GB6095-2021 standard and should be used in accordance with that standard.

Shock-Absorbing Lanyard With Dual Hooks

Rope Length: Approx. 1.6m
Rope Thickness: 14mm
Bearing Capacity: Approx. 100kg
Stretch Length: $\leq 5m$
Free Fall Distance: $\leq 1.8m$
Braking Force: $\leq 4kN$
Permanent Deformation: $\leq 1.2m$
Material: Polypropylene, Polyamide, Alloy Steel

Product Features

Minor assembly required: attach waist belt and shock-absorbing lanyard to harness.
Ideal for rescue, electrical, and construction work.
Full-body frame for comfort and even weight distribution.
Adjustable waist belt fits most users.
Made from high-strength polyester with abrasion and heat resistance.
Includes detachable shock-absorbing lanyard with dual quick-lock hooks.
Lanyard activates on fall to minimize injury.
Front PVC keepers allow easy lanyard storage and hands-free use.



Model: - IMPA: -

2-Point Lifeboat Safety Belt



Technical Specifications

Safety Load: 100Kg
Webbing Material: Polyester
Buckle Material: Stainless Steel

Colors Available

Orange
Blue
Black

Product Features

High-strength, UV and saltwater-resistant polyester straps.
Corrosion-resistant stainless steel fittings.
Secures user across the lap with two attachment points, one on each side of the waist.
Quick-release buckle for fast evacuation.
Lightweight, simple, and easy to fasten even with gloves.
Commonly used in lifeboats and rescue boats, especially for seated passengers during launch and recovery.

Model: - IMPA: -

3-Point Lifeboat Safety Belt



Technical Specifications

Safety Load: 100Kg
Webbing Material: Polyester
Buckle Material: Stainless Steel

Colors Available

Orange
Blue
Black

Product Features

High-strength, UV and saltwater-resistant polyester straps.
Corrosion-resistant stainless steel fittings.
Secures user across the lap with two attachment points, one on each side of the waist with additional shoulder strap to the lap belt for upper body restraint.
Quick-release buckle for fast evacuation.
Lightweight, simple, and easy to fasten even with gloves.
Prevents forward body movement during sudden stops or wave impacts, suitable for crew seats in high-impact or high-speed rescue boats.

Model: - IMPA: -

4-Point Lifeboat Safety Belt



Technical Specifications

Safety Load: 100Kg
Webbing Material: Polyester
Buckle Material: Stainless Steel

Colors Available

Orange
Blue
Black

Product Features

High-strength, UV and saltwater-resistant polyester straps.
Corrosion-resistant stainless steel fittings.
Provides two shoulder straps and two lap connections, forming a harness-style restraint.
Comes with length adjusters on each strap, fully adjustable for different body sizes.
Quick-release buckle for fast evacuation.
Lightweight, simple, and easy to fasten even with gloves.
Commonly used in free-fall lifeboats or high-speed rescue crafts, where strong forces act during launch or recovery.

Model: HXFZQ Series / IMPA: -



Retractable Fall Arrestor

Technical Specifications

Maximum Load: 150kg
 Shell Material: Aluminium Alloy
 Cable Diameter: 4.5mm
 Breaking Force: 8.9KN
 Locking Device: Double
 Locking Distance: ≤0.2m
 Lifetime: 2x100,000 Times

Product Features

Ideal for use where user mobility is required and fall protection is needed for inspection work, general construction and maintenance work.
 It includes an alloy steel D-Type shackle and a built-in brake with an energy dissipating mechanism.
 Breaking mechanisms stop falls quickly and reduce forces on the user's body.
 Maximum load of 150kg and a braking force of 8.9KN.

Lengths Available

HXFZQ-5, Max Load: 150kg, Cable Length: 5m
 HXFZQ-10, Max Load: 150kg, Cable Length: 10m
 HXFZQ-15, Max Load: 150kg, Cable Length: 15m
 HXFZQ-20, Max Load: 150kg, Cable Length: 20m
 HXFZQ-25, Max Load: 150kg, Cable Length: 25m
 HXFZQ-30, Max Load: 150kg, Cable Length: 30m

Certifications

Approval: CE Certificate
 Standard: This product is manufactured in compliance with EN 1891:1998 standard and should be used in accordance with that standard.

Model: HXSJ-20 / IMPA: -



Rescue Tripod

Technical Specifications

Material: High-Strength Aluminium Alloy
 Winch Safe Working Load: 200kg
 Winch Stopping Force: 22KN
 Winch Gear Ratio: 5:1
 Steel Cable Length: 30m
 Steel Cable Diameter: 4mm
 Tripod Minimum Height: 1.34m
 Tripod Maximum Height: 2.14m
 Blocking Power: 500kg
 Maximum Lifting Weight: 160kg
 Product Weight: ≤30kg

Content

- (1) Tripod
- (2) Winch
- (3) Winch Handle
- (4) Mount with bolts & screws
- (5) Lifting Pins

Product Features

Minor assembly required: mount winch before use.
 Ideal for confined spaces, ensuring safe access and rescue.
 Foldable, portable, and easy to store.
 Self-locking 1200LB manual winch with 200kg lift capacity.
 Adjustable tripod height: 1.34m–2.14m.
 Non-slip aluminum alloy feet adapt to uneven ground.
 Top cover with holes for fall arrestor attachment.
 High-visibility yellow and black decals.

Certifications

Approval: CE Certificate
 Standard: EN 795:2012

Model: 3J-1 / IMPA: 391390



Neil Robertson Stretcher

Technical Specifications

Material: Thickened Canvas Wood Strip
 Size: 160cm in length, 93cm in maximum width, 78cm in minimum width
 Load Limit: 120kg for horizontal moving and vertical lifting

Product Features

Industry standard stretcher that ensures safety during confined space rescue and vertical or horizontal lifting.
 Suitable for use in marine, mining, construction and field work applications.
 Equipped with retaining straps, under-arm flaps, and built-in head restraints ensures stability during vertical lifting.
 Durable support ropes and carry handles ensures security when moving.



LIFEBUOY
WITH LIGHT

Life Jacket Lights | Life Buoy Lights | Lifeboat/raft Lights | Searchlights



MARINE LIGHTING

Model: HXYD-GD

IMPA: 330143

Built-In Alkaline Batteries



Life Jacket Light – Alkaline Batteries (MED/SOLAS Approved)

Technical Specifications

Body Material: PC, ABS
 Dimension: 60mm x 30mm x 26mm
 Color Of Lampshade: Semi-transparent
 Light Intensity: $\geq 0.75\text{cd}$
 Light Duration: $\geq 8\text{h}$ over 0.75cd
 Bulb Type: White LED, 3V 0.1A
 Light Type: Flashing
 Flash Frequency: 50-70 times/minute
 Battery: 2x Alkaline AAA (included)
 Working Voltage: 3V
 Battery Validity: 5 Years
 Storing Temperature: $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
 Working Temperature: $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
 Activation Method: Activated via water sensors

Product Features

MED/SOLAS approved
 High visibility in low-light or emergency conditions.
 Durable against impact, corrosion, and harsh marine environments.
 Emits bright, flashing light, which is visible from considerable distances.
 Activated via water sensors, light turns on automatically.
 Comes with push button deactivation to conserve battery.
 Batteries are built-in and irreplaceable.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended, EN 60945:2002 incl. IEC 60945 Corr.1:2008, ISO 24408:2005
 Reference Standards:
 SOLAS 74 Reg. III/7,
 SOLAS 74 Reg. III/22,
 SOLAS 74 Reg. III/32,
 SOLAS 74 Reg. III/34,
 IMO Res. MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res. MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1628.

Approval: CCS certificate

Approval Standards: Regulations 4,7,22,26,32 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I,II and IV of MSC.48(66) International Life-saving Appliance Code, as amended.
 Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended.



Model: HXYD-L-B

IMPA: 330143

Built-In Lithium Batteries



Life Jacket Light – Lithium Batteries (MED/SOLAS Approved)

Technical Specifications

Body Material: PC, ABS
 Dimension: 62mm x 28mm x 36mm
 Color Of Lampshade: Semi-transparent
 Light Intensity: $\geq 0.75\text{cd}$
 Light Duration: $\geq 8\text{h}$ over 0.75cd
 Bulb Type: White LED, 3V 0.1A
 Light Type: Flashing
 Flash Frequency: 50-70 times/minute
 Battery: Lithium Batteries (included)
 Working Voltage: 3V
 Battery Validity: 5 Years
 Storing Temperature: $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
 Working Temperature: $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
 Activation Method: Activated via water sensors

Product Features

MED/SOLAS approved
 High visibility in low-light or emergency conditions.
 Durable against impact, corrosion, and harsh marine environments.
 Emits bright, flashing light, which is visible from considerable distances.
 Activated via water sensors, light turns on automatically.
 Comes with push button deactivation to conserve battery.
 Batteries are built-in and irreplaceable.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended, EN 60945:2002 incl. IEC 60945 Corr.1:2008, ISO 24408:2005
 Reference Standards:
 SOLAS 74 Reg. III/7,
 SOLAS 74 Reg. III/22,
 SOLAS 74 Reg. III/32,
 SOLAS 74 Reg. III/34,
 IMO Res. MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res. MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1628.

Approval: CCS certificate

Approval Standards: Regulations 4,7,22,26,32 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I,II and IV of MSC.48(66) International Life-saving Appliance Code, as amended.
 Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended.



Model: HXQD-GD

IMPA: 331378

**Batteries
Can Be
Replaced**
3X Alkaline D



Self-Igniting Life Buoy Light (MED/SOLAS Approved)

Technical Specifications

Body Material: PC, ABS
 Dimension Of Body: Ø80mm x 280mm
 Color Of Lampshade: Transparent
 Light Intensity: ≥2cd
 Light Duration: ≥2h over 2cd
 Bulb Type: White LED, 3V 0.1A
 Light Type: Flashing
 Flash Frequency: 50-70 times/minute
 Battery: 3x Alkaline D LR20 (not included)
 Working Voltage: 3V
 Storing Temperature: -30°C ~ +65°C
 Working Temperature: -1°C ~ +30°C
 Activation Method: Activates when product is in upright position

Product Features

MED/SOLAS approved
 High visibility in low-light or emergency conditions.
 Durable against impact, corrosion, and harsh marine environments.
 Fully waterproof and buoyant for surface visibility.
 Bright LED strobe visible from long distances.
 Auto-activates in upright position.
 Includes plastic life buoy clip.
 Replaceable batteries after use.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended, EN 60945:2002 incl. IEC 60945 Corr.1:2008, ISO 24408:2005
 Reference Standards: SOLAS 74 Reg. III/7, SOLAS 74 Reg. III/22, SOLAS 74 Reg. III/32, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res.MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) II, IMO Res.MSC.97(73)-(2000 HSC Code) 8, IMO MSC.1/Circ.1628.

Approval: CCS certificate
 Approval Standards: Regulations 4,7,22,26,32 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I,II and IV of MSC.48(66) International Life-saving Appliance Code, as amended.
 Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended.



Model: HXQD-LD

IMPA: -

**Built-In
Lithium
Batteries**



Self-Igniting Life Buoy Light (MED/SOLAS Approved)

Technical Specifications

Body Material: PC, ABS
 Dimension Of Body: Ø83mm x 235mm
 Color Of Lampshade: Semi-transparent
 Light Intensity: ≥2cd
 Light Duration: ≥2h over 2cd
 Bulb Type: White LED, 3V 0.1A
 Light Type: Flashing
 Flash Frequency: 50-70 times/minute
 Battery: Lithium CR123A (included)
 Working Voltage: 3V
 Battery Validity: 5 Years
 Storing Temperature: -30°C ~ +65°C
 Working Temperature: -1°C ~ +30°C
 Activation Method: Activated via water sensors on bottom

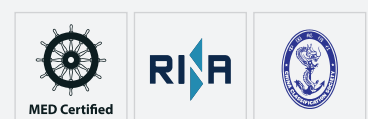
Product Features

MED/SOLAS approved
 High visibility in low-light or emergency conditions.
 Durable against impact, corrosion, and harsh marine environments.
 Fully waterproof and buoyant for surface visibility.
 Bright LED strobe visible from long distances.
 Activated via water sensors, lights up in upright position.
 Includes plastic life buoy clip.
 Batteries are built-in and irreplaceable.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended, EN 60945:2002 incl. IEC 60945 Corr.1:2008, ISO 24408:2005
 Reference Standards: SOLAS 74 Reg. III/7, SOLAS 74 Reg. III/22, SOLAS 74 Reg. III/32, SOLAS 74 Reg. III/34, IMO Res. MSC.36(63)-(1994 HSC Code) 8, IMO Res.MSC.48(66)-(LSA Code) I, IMO Res. MSC.48(66)-(LSA Code) II, IMO Res.MSC.97(73)-(2000 HSC Code) 8, IMO MSC.1/Circ.1628.

Approval: CCS certificate
 Approval Standards: Regulations 4,7,22,26,32 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I,II and IV of MSC.48(66) International Life-saving Appliance Code, as amended.
 Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended.



Model: HXQD-FB-A

IMPA: 330329

**Built-In
Lithium
Batteries**



Self-Igniting Life Buoy Light Explosion Proof (MED/SOLAS Approved)

Technical Specifications

Body Material: PC, ABS
 Dimension Of Body: Ø100mm x 205mm
 Color Of Lampshade: Semi-transparent
 Light Intensity: ≥2cd
 Light Duration: ≥2h over 2cd
 Explosion-Proof Grade: Ex ic IIA T4 Gc
 Bulb Type: White LED, 3V 0.13A
 Light Type: Flashing
 Flash Frequency: 50-70 times/minute
 Battery: Lithium CR123A (included)
 Working Voltage: 3V
 Battery Validity: 5 Years
 Storing Temperature: -30°C ~ +65°C
 Working Temperature: -1°C ~ +30°C
 Activation Method: Must be activated first via toggle switch

Product Features

MED/SOLAS approved
 High visibility in low-light or emergency conditions.
 Intrinsically safe, used for hazardous marine activity applications.
 Durable against impact, corrosion, and harsh marine environments.
 Fully waterproof and buoyant for surface visibility.
 Bright LED strobe visible from long distances.
 Activated via toggle switch, lights up in upright position.
 Includes plastic life buoy clip.
 Batteries are built-in and irreplaceable.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended,
 EN 60945:2002 incl. IEC 60945 Corr.1:2008,
 ISO 24408:2005
 Reference Standards:
 SOLAS 74 Reg. III/7,
 SOLAS 74 Reg. III/22,
 SOLAS 74 Reg. III/32,
 SOLAS 74 Reg. III/34,
 IMO Res. MSC.36(63)-(1994 HSC Code) 8,
 IMO Res. MSC.48(66)-(LSA Code) I,
 IMO Res. MSC.48(66)-(LSA Code) II,
 IMO Res. MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1628.

Approval: CCS certificate
 Approval Standards: Regulations 4,7,22,26,32 and 34,
 Chapter III of International Convention for the Safety of Life
 at Sea, 1974, as amended.
 Chapter I,II and IV of MSC.48(66) International Life-saving
 Appliance Code, as amended.
 Part 1 of MSC.81(70) Revised Recommendation on Testing
 of Life-saving Appliance, as amended.



Accessories

Stainless Steel Clip for Life Buoy Light



Product Features

Corrosion-resistant marine-grade stainless steel for long-term durability.
 Easy installation on life buoys, rails, or brackets.

Model: SJD-1 IMPA: -

Lifeboat Ceiling Light



Technical Specifications

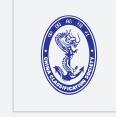
Voltage: DC12V
 Power Supply: 15W
 Luminous Intensity: >0.5cd
 Bulb Type: White LED
 IP Grade: IP5.5
 Dimension: 135.5mm x 135.5mm x 45mm

Product Features

Suitable for lighting the cabin, dormitory, and corridor areas of lifeboats and skiffs, as well as other spots on a vessel. Includes four perimeter holes for fastening with screws.

Certifications

Approval: CCS certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended, ISO 18813-2006



Model: DSW9812 IMPA: -

Position Indicating Strobe Light For Lifeboat (MED/SOLAS Approved)

Built-In Alkaline Batteries



Technical Specifications

Type Of Light: Halogen Lamp
 Output Power: DC12V, 13W
 Flash Frequency: 50-70 times/minute
 Flash Intensity: ≥4.3cd
 Size: Ø102mm x 115mm
 Activation Method: The wire must be manually connected to the power supply equipment on the boat, and the light should be installed on the canopy of the lifeboat to ensure higher visibility.

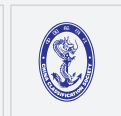
Product Features

MED/SOLAS approved
 This light is intended for motorised survival craft and to be connected to the crafts 12V electrical system.
 Mount on the canopy of the lifeboat to enhance visibility.
 Flashing light produces minimum of 4.3cd in all directions.
 No battery replacement required.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended, EN 60945:2002 incl. IEC 60945 Corr.1:2008, ISO 24408:2005
 Reference Standards:
 SOLAS 74 Reg. III/7,
 SOLAS 74 Reg. III/22,
 SOLAS 74 Reg. III/32,
 SOLAS 74 Reg. III/34,
 IMO Res. MSC.36(63)-(1994 HSC Code) 8,
 IMO Res. MSC.48(66)-(LSA Code) I,
 IMO Res. MSC.48(66)-(LSA Code) II,
 IMO Res. MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1628.

Approval: CCS certificate
 Approval Standards: Regulations 4,7,22,26,32 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I,II and IV of MSC.48(66) International Life-saving Appliance Code, as amended.
 Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended.



Model: HXFD-I IMPA: -

**Built-In
Lithium
Batteries**



Inflatable Liferaft Lights (4-Sockets) (MED/SOLAS Approved)

Technical Specifications

Light: Ø86, H45mm
 Battery Body: L72mm x W42mm x H80mm
 Wire Length (Exterior): 1300mm
 Wire Length (Interior): 800mm
 Material: PC, ABS
 Color Of Lampshade: Semi-transparent
 Light Intensity (Exterior): ≥4.3cd
 Light Intensity (Interior): ≥0.5cd
 Bulb Type (Exterior): White LED 0.2W
 Bulb Type (Interior): White LED 1.0W
 Operating Life: ≥12h
 Flash Frequency: 50-70 times/minute
 Battery: Model 26500 Lithium Battery
 Working Voltage: 3.6V
 Battery Validity: 5 Years
 Environmental Temp.: -30°C ~ +65°C
 Working Temperature: -1°C ~ +30°C
 Activation Method: Activated via pulling out switch pin

Product Features

MED/SOLAS approved
 Lighting unit consists of three components: the battery pack, exterior flashing light, and interior steady light. External flashing light produces a minimum of 4.3cd and the internal steady light produces a minimum of 0.5cd. Can last a minimum duration of 12 hours.
 The switch pin must be secured to the liferaft so that it is pulled out during inflation, causing both lights to activate automatically.
 Device can be deactivated by reinserting the switch pin back into the battery unit.
 Batteries are built-in and irreplaceable.

Certifications

Approval: RINA certificate
 Testing Standards: IMO Res. MSC.81 (70), as amended, EN 60945:2002 incl. IEC 60945 Corr.1:2008, ISO 24408:2005
 Reference Standards:
 SOLAS 74 Reg. III/7,
 SOLAS 74 Reg. III/22,
 SOLAS 74 Reg. III/32,
 SOLAS 74 Reg. III/34,
 IMO Res. MSC.36(63)-(1994 HSC Code) 8,
 IMO Res.MSC.48(66)-(LSA Code) I,
 IMO Res. MSC.48(66)-(LSA Code) II,
 IMO Res.MSC.97(73)-(2000 HSC Code) 8,
 IMO MSC.1/Circ.1628.

Approval: CCS certificate
 Approval Standards: Regulations 4,7,22,26,32 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
 Chapter I,II and IV of MSC.48(66) International Life-saving Appliance Code, as amended.
 Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended.



Model: H-4DCA IMPA: -

**Batteries
Can Be
Replaced**
2X Alkaline D



Waterproof Signalling Torch

Technical Specifications

Battery: 2x Alkaline D LR20 (not included)
Bulb Type: White LED
Power: 3V
Waterproof: IPX4

Product Features

Waterproof and buoyant flashlight for illumination in emergency or survival situations.
Built for durability in harsh marine environments.
Easy bulb replacement, includes one spare bulb.

Model: HXYD-L-B IMPA: 330143

**Batteries
Can Be
Replaced**
6X Alkaline D



Portable Light Explosion Proof

Technical Specifications

Shell Material: Aluminum Alloy
Battery: 6x Alkaline D LR20 (not included)
Bulb Type: 7.2V 0.5A (1 spare included)
Light Intensity: 10m 130LX
Light Duration: ≥3hr
Working Temperature: -25°C ~ +40°C
Humidity: ≤90%
Explosion-Proof Grade: Ex d IIC T6 Gb

Product Features

Explosion-proof handheld light designed for firefighting use.
Sealed aluminum alloy housing with durable painted finish.
On-off switch utilizes a dry spring structure, often used in alarm circuits, along with a strong magnetic switch to ensure optimal explosion proof performance.
Shockproof rubber bulb holder prevents ignition in case of drops or collisions.
Safety locking screw prevents accidental opening in hazardous areas.
Easy bulb replacement, includes one spare bulb.

Certifications

Approval: CCS certificate
Standard: GB3836.2-2010/IE60079
Explosion Proof Certificate No.: NLE13.0613



Model: WS97 IMPA: 330264

Searchlight For Lifeboat (SOLAS Approved)

Technical Specifications

Rated Voltage: 12V / 24V
Power of Illuminant: 50W / 80W
Luminous Intensity: ≥2500cd

Product Features

Made of black rubber housing, it is waterproof, non-magnetic, shock resistant, seawater resistant, and non-corrosive.
On/Off sealed switch features a practical Morse-Code function.
Easy replacement of the bulb.

Types Available

12V, 50W
12V, 80W
24V, 50W
24V, 80W

Certifications

Approval: CCS certificate
Approval Standards: Regulations 4,7,22,26,32 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
Chapter I,II and IV of MSC.48(66) International Life-saving Appliance Code, as amended.
Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended.





Fall Preventor/Retrieval Devices | Liferaft Release Unit | First-Aid Kits/Survival Rations
Other Essential Tools



LIFEBOAT/RAFT ACCESSORIES

Model: HXFPD-6T IMPA: -



Fall Preventer Device

Technical Specifications

Material: Polymer Polyethylene
 Safe Working Load: 6000kg (6T)
 Linear Density: 230Ktex
 Diameter: 20mm
 Length: 1m

Product Features

Minimise risk of injury or death by providing a secondary alternate load path in the event of failure of the on-load hook or its release mechanism or accidental release of the on-load hook.
 Used during launching and recovery of lifeboats or rescue boats.
 Each set is consist of 2 pcs slings, 4 pcs shackles and 1 storage box.

Certifications

Approval: ABS certificate
 Inspection Standards: Product batch passed the safe working load test using an electronic hoist scale type OCS-B10, sustaining a required minimum safe working load of 6000kg for a duration of 5 minutes with no deformation found.



Model: HXHSS-1 / HXHSS-2 IMPA: -



Recovery Strop

Technical Specifications

Material: Polymer Polyethylene
 Safe Working Load: 6500kg (6.5T)
 Diameter: 20mm

Product Features

Used for the safe retrieval of lifeboats during drills and emergency recovery operations.
 Prevents injury to crew members connecting the hooks during rough weather caused by the lifeboat's fall blocks.
 Each set is consist of 1pc sling, 1pc lifting ring, 1pc shackle and 1 storage box.

Sizes Available

Ø20mm X 1.5m (HXHSS-1)
 Ø20mm X 1.8m (HXHSS-2)

Certifications

Approval: ABS certificate
 Inspection Standards: Product batch passed the safe working load test using an electronic hoist scale type OCS-B10, sustaining a required minimum safe working load of 6000kg for a duration of 5 minutes with no deformation found.



Model: ZXS-III IMPA: -

Hydrostatic Release Unit For Inflatable Liferaft (SOLAS Approved)

Technical Specifications
 Material: Stainless Steel SSU304
 Tensile Strength: 15KN
 Release Depth: 1.5-4m

Product Features
 SOLAS approved
 Designed for maritime safety with its primary function is to automatically deploy inflatable liferafts.
 Suitable for liferaft that fits more than 25 people.
 Allows for both automatic and manual release.
 Corrosion-resistant materials and maintenance-free.
 Instruction manual is included.

Certifications
 Approval: CCS certificate
 Product Inspection Standards: Regulations 4,13,26 and 34,Chapter III of International Convention for the Safety of Life at Sea,1974, as Amended.
 Chapter I,IV of MSC.48(66) International Life-saving Appliance Code.
 Part 1 of MSC.81(70) Revised Recommendation on Testing of Life-saving Appliance, as amended by MSC.226(82) and MSC.323(89).



Accessories

Senhouse Slip Hook



Product Features
 A quick-release stainless steel hook used to secure a liferaft in its cradle on a ship. Works in conjunction with a hydrostatic release unit. Hook can also be released manually.

Adjustable Strap With Senhouse Slip Hook



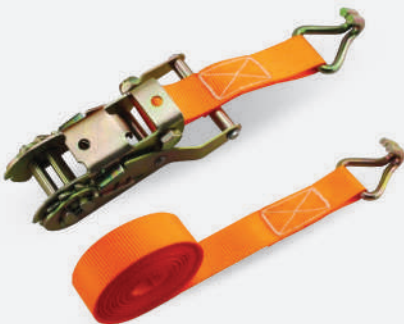
Product Features
 Adjustable high-strength, marine-grade polyester webbing. Securely fasten a packaged liferaft to the deck or cradle of a vessel.

Model: - IMPA: -

Ratchet Tie-Down Strap

Technical Specifications
 Webbing Material: Polyester
 Webbing Width: 28mm
 Load Capacity: 400Kg
 Ratchet Material: Zinc plated steel

Product Features
 Secure lifeboats or life rafts to their cradles or deck mounts to prevent movement in rough seas.
 Freely adjust the length, lock and release easily.
 Double J-Hooks for secure connection to tie-down points.
 Resistant to saltwater, UV rays, and abrasion.



Liferaft Identification Card



Product Features
 Store and display identification cards, operational instructions, and critical information. Waterproof, corrosion-resistant, and sealed to protect against seawater.

Model: DTHX-A-II IMPA: -

First Aid Kit Vacuum Sealed (SOLAS Approved)



Technical Specifications
Packet Size: 350mm x 250mm

Content

- (1) Bandage
- (2) Gauze
- (3) Triangle Bandage
- (4) Medical Tape
- (5) Cotton Wool
- (6) Tourniquet
- (7) Scissors (Blunt Point)
- (8) Band Aid Plaster
- (9) Antiseptic Cream (Wound or Burn)
- (10) Analgesic Pills

Product Features

SOLAS approved
Contains a comprehensive range of medical supplies to help treat a variety of injuries and illnesses that may occur while on board a vessel.
Suitable for survival crafts such as lifeboats and liferafts.
3-years expiry date, ready when you need it most.

Certifications

Approval: Bureau Veritas certificate
Approval Standards: MSC.48(66) International life-saving appliance(LSA Code).
ISO18813:2006 Ships and marine technology-survival equipment for survival craft and rescue boats.



Model: DTHX-A-I IMPA: -

First Aid Kit Container (SOLAS Approved)



Technical Specifications
Container Size: 135mm x 230mm

Content

- (1) Bandage
- (2) Gauze
- (3) Triangle Bandage
- (4) Medical Tape
- (5) Cotton Wool
- (6) Tourniquet
- (7) Tweezers
- (8) Scissors (Blunt Point)
- (9) Safety Pins
- (10) Alcohol (75%)
- (11) Band Aid Plaster
- (12) Antiseptic Cream (Wound or Burn)
- (13) Analgesic Pills

Product Features

SOLAS approved
Contains a comprehensive range of medical supplies to help treat a variety of injuries and illnesses that may occur while on board a vessel.
Suitable for survival crafts such as lifeboats and liferafts.
3-years expiry date, ready when you need it most.

Certifications

Approval: Bureau Veritas certificate
Approval Standards: MSC.48(66) International life-saving appliance(LSA Code).
ISO18813:2006 Ships and marine technology-survival equipment for survival craft and rescue boats.



Model: DY-100 IMPA: 330237

Emergency Drinking Water (SOLAS Approved)



Technical Specifications

Ingredient: Water
Net Content: 500ml (5packs X 100ml)
Shelf Life: 5 Years

Product Features

SOLAS approved
Ideal for survival crafts.
Packaged in set of five sachets for easy rationing
Five years shelf life from manufacture date.
Sachets are easy to open even with immersion suit gloved hands.

Certifications

Approval: DNV certificate
Regulations/Testing Standards: SOLAS Ch. III, Regulation 4 and 34.
IMO Res. MSC.48(66), Life-saving appliances Code, Chapter IV, paragraph 4.1.5.1.19 and 4.4.8.9.

Approval: CCS certificate
Approval Standards: Regulations 4 and 34, Chapter III of International Convention for the Safety of Life at Sea, 1974, as amended.
Chapter I and IV of MSC.48(66) International Life-saving Appliance Code, as amended.
GB19298-2014, National Standard of P.R.China, Packaging drinking water.



Model: HXKL-88 IMPA: 330225

Emergency Food Ration For Survival Crafts (SOLAS Approved)



Technical Specifications

Energy Value: >10000kj
Net Content: 500g (8pcs X 62.5g)
Shelf Life: 5 Years

Product Features

SOLAS approved
Ideal for survival crafts, these compressed biscuit bars requires no preparation before consumption.
Double layer packaging to prevent oxidation, with five years shelf life from manufacture date.
Contains a high energy value of over 10,000 kJ and is tableted, packaged in set of eight bars for easy rationing.
Ingredients: Flour, Palm Oil, Sugar, Maltose, Food Additives (Ammonium Hydrogen Carbonate, Sodium Hydrogen Carbonate).
Usage: Every 6 hours, each person should take one food bar, break it into small pieces, and chew well.

Certifications

Approval: DNV certificate
Regulations/Testing Standards: SOLAS Ch. III, Regulation 4 and 34.
IMO Res. MSC.48(66), Life-saving Appliances Code, Chapter IV, Paragraph 4.1.5.1.18 and 4.4.8.12.

Approval: CCS certificate
Approval Standards: Chapter I and IV of MSC.48(66) International Life-saving Appliance Code, as amended by MSC.218(82).
ISO 18813:2022, GB/T20980-2021



Model: - IMPA: -

Marine Lifeboat Paddle Telescopic

Technical Specifications

Length Fully Extended: 127cm
 Length Fully Retracted: 84cm
 Material: Aluminium Alloy and ABS Plastic

Product Features

Buoyant paddle designed for manual use in lifeboats and rescue craft.
 Adjustable length for convenient storage and effective paddling reach.
 Made from durable and corrosion-resistant ABS plastic.
 Bright color allows easy spotting in low-visibility conditions.



Model: - IMPA: -

Marine Lifeboat Paddle

Technical Specifications

Material: ABS Plastic

Product Features

Buoyant paddle designed for manual use in lifeboats and rescue craft.
 Made from durable and corrosion-resistant ABS plastic.
 Bright color allows easy spotting in low-visibility conditions.

Sizes Available

1.5m
 2m
 2.5m
 3m
 3.5m



Model: - IMPA: -

Lifeboat Hook Pole

Technical Specifications

Material: ABS Plastic

Product Features

Buoyant hook designed for docking, retrieving lines, fending off, or assisting persons overboard.
 Made from durable and corrosion-resistant ABS plastic.
 Bright color allows easy spotting in low-visibility conditions.

Sizes Available

2m
 2.5m
 3m
 3.5m
 4m



Model: TLF-470A IMPA: -

Foldable Radar Reflector

Technical Specifications

Color: Orange
Cross Section: 40m²
Length Of Reflector Edges: 470mm
Echoing Area (Total Angle of at least 280°): ≥7.5m²
Minimum Mounting Height (Above water level): ≥2m
Temperature Range: -30°C ~ 65°C
Weight Of Angle Reflector: <0.7kg
Weight Of Supporting Pole: <1.1kg
Total Weight: <2kg

Product Features

Designed to alert nearby vessels, especially in poor visibility conditions such as mist, rain, or night time.
Easy to use, assembled or disassembled, no complicated operation is required.

Certifications

Approval: CCS certificate
Approval Standards: Chapter IV of MSC.48(66)
International Life-Saving Appliance(LSA) Code.
ISO8729-1:2010 (Ships and Marine Technology-Radar Reflectors) Part 1:Passive.
IMO MSC.164(78) Revised Performance Standards for Radar Reflectors.



Model: - IMPA: 330190

Aluminium Radar Reflector

Technical Specifications

Material: Aluminium
Radar Type: Octahedral
Radar Diameter: 320mm

Product Features

Designed to alert nearby vessels, especially in poor visibility conditions such as mist, rain, or night time.
Easy to use, assembled or disassembled, no complicated operation is required.



Model: YO-50F IMPA: 330211



Lifeboat Compass

Technical Specifications

Liquid Type: White Oil
 Half-Period: $\geq 4s$ or $0.06d$
 Friction Error: $< 1.5^\circ$
 Settling Time: $\leq 30s$
 Directional Error: $< 1.5^\circ$

Product Features

Reliable liquid compass for navigation when electronic systems fail.
 Suitable for lifeboats and small vessels up to length 20m.
 Durable design withstands harsh marine conditions.
 Fluid damping ensures stable and accurate readings.
 Luminous markers provide clear visibility in low light.

Certifications

Approval: CCS certificate
 Approval Standards: ISO 14227:2001 (Small Craft-Magnetic Compass).
 Chapter IV 4.4.8.5 and V 5.1.2.2.3 of MSC.48(66)
 International Life-saving Appliance Code(LSA Code)



Model: HX1125 IMPA: 330280



Manual Bilge Pump For Lifeboat

Technical Specifications

Material: Polymer Polyethylene
 Safe Working Load: 6500kg (6.5T)
 Diameter: 20mm

Product Features

Used for the safe retrieval of lifeboats during drills and emergency recovery operations.
 Prevents injury to crew members connecting the hooks during rough weather caused by the lifeboat's fall blocks.
 Each set consists of 1pc sling, 1pc lifting ring, 1pc shackle and 1 storage box.

Certifications

Approval: CCS certificate
 Performance Standards: IV of MSC.48(66) International Life-saving Appliance Code.
 ISO18813:2006 Ship and Marine Technology-Survival Equipment for Survival Craft and Rescue Boats.
 Chapter 2 Part 3 of China Classification Society rules for Sea-Going Steel Ships 2018 and its amendments.



Model: - IMPA: 330201



Lifeboat Bailer

Technical Specifications

Material: Plastic

Product Features

For removing accumulated seawater or rainwater from inside a lifeboat or life raft.
 Fits easily into lifeboat storage compartments or emergency equipment lockers.
 Corrosion-resistant plastic to withstand marine conditions.

Model: - IMPA: 330207



Lifeboat Match

Technical Specifications

Container Size: 5.5cm x 2.7cm
Quantity Of Match: 10PC/Barrel

Product Features

Packed in a watertight container.
Windproof and waterproof, ideal for use during inclement weather conditions.
Compact design makes it easy to store and transport.

Other Tools

Daylight Signal Mirror



Product Features

Size: 100mm x 100mm
For daylight signalling to ships and aircraft.
Includes lanyard for convenient neck wear.

Model: - IMPA: 330254



Fishing Tackles

Technical Specifications

Container Size: 10cm x 6cm

Content

- (1) Watertight Container
- (2) Shrimp Baits x 4PC
- (3) Fish Baits x 4PC
- (4) Metal Fish Bait X 1PC
- (5) Fishing Line

Product Features

Contains hooks, lines and baits packed in a watertight container.
Easy to use, ideal for survival crafts.
Compact design makes it easy to store and transport.

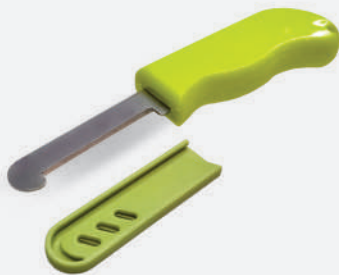
Plastic Measuring Cup 100ml



Product Features

Robust cup with clear measurements.
For rationing both emergency drinking water and food rations.

Model: - IMPA: 330251



Lifeboat Jack Knife

Technical Specifications

Blade Material: Stainless Steel

Product Features

Buoyant knife for cutting ropes, webbing, or safety harnesses during emergencies.
Blunt-tipped blade prevents accidental injury or damage to inflatable life rafts.
Stainless steel blade resistant to corrosion and rust.
Bright handle for visibility.

Survival Manual



Product Features

A5 size booklet.
Detailed guide to surviving at sea and responding to emergencies.

Model: RSHM-700 / IMPA: 330216



Lifeboat Sea Anchor (SOLAS Approved)

Technical Specifications

Material: Manila Rope, Canvas
Anchor Mouth Diameter: 700mm

Product Features

SOLAS approved
Designed to stabilize the vessel and reduce its movement through the water.
Suitable for lifeboats and other various watercrafts, including fishing boats and yachts.
Comes complete with hawser and tripping line.

Certifications

Approval: CCS certificate
Product Inspection Standards: Regulations 35, Chapter III of International Convention for The Safety of Life at Sea, 1974, as amended.
Chapter I and IV of MSC.48(66) International Life-saving Appliance Code.
CB*197-83 Sea anchor.



Model: - / IMPA: -



Rope Float

Technical Specifications

Material: PU Foam

Product Features

Ensures that any rope or line deployed from the lifeboat stays afloat, visible, and easily retrievable during rescue or towing operations.
Bright color allows easy spotting in low-visibility conditions.



Day Signals | Other Miscellaneous Supplies



OTHER MARINE SUPPLIES

Model: - IMPA: 370581



Day Signal – Ball Shape

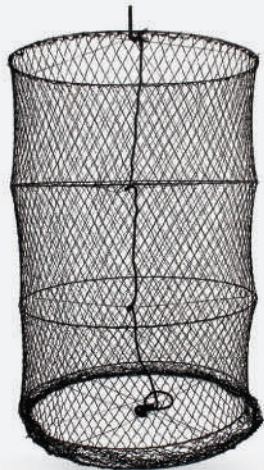
Product Features

Net folding type.
Visually indicates the status of a vessel to other vessels on navigable waters during daylight hours.

Sizes Available

300mm X 300mm
600mm X 600mm

Model: - IMPA: 370582



Day Signal – Cylinder Shape

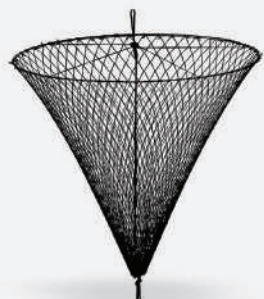
Product Features

Net folding type.
Visually indicates the status of a vessel to other vessels on navigable waters during daylight hours.

Sizes Available

300mm X 600mm
600mm X 1200mm

Model: - IMPA: 370583



Day Signal – Conical Shape

Product Features

Net folding type.
Visually indicates the status of a vessel to other vessels on navigable waters during daylight hours.

Sizes Available

300mm X 600mm
600mm X 1200mm

Model: - IMPA: 370584

Day Signal – Double Conical Shape

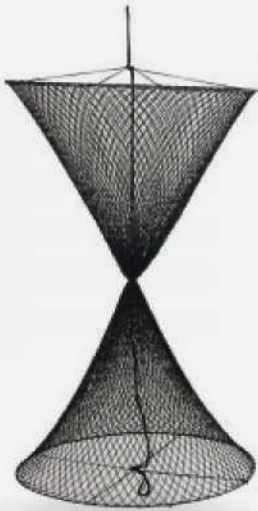
Product Features

Net folding type.

Visually indicates the status of a vessel to other vessels on navigable waters during daylight hours.

Sizes Available

300mm X 600mm
600mm X 1200mm



Model: - IMPA: 370585

Day Signal – Diamond Shape

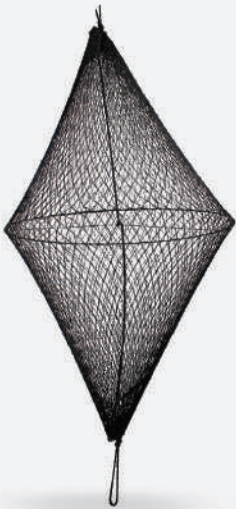
Product Features

Net folding type.

Visually indicates the status of a vessel to other vessels on navigable waters during daylight hours.

Sizes Available

300mm X 600mm
600mm X 1200mm



Model: - IMPA: 371581



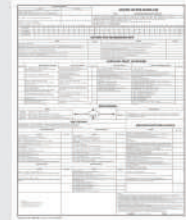
Brass Swivel Flag Hook

Product Features

A heavy-duty, rust-resistant fastener for attaching a flag to a flagpole's halyard (rope). The hook's swivel feature allows the flag to move freely without tangling around the pole

Other Supplies

Muster List For Cargo Ship



Product Features

Official safety document that specifies crew members' duties during emergencies like fire, flooding, or abandoning ship.

Model: - IMPA: 371587/371588



Brass Flag Block

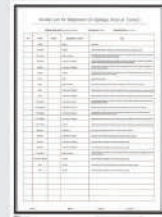
Product Features

A nautical pulley system used on ships for hoisting and lowering flags. Made from durable, corrosion-resistant brass, designed to withstand harsh marine environments.

Sizes Available

38mm
50mm

Muster List For Shipboard Oil Spillage



Product Features

A crew assignment plan that outlines the roles and responsibilities of crew members during an oil pollution or flooding emergency onboard a ship.

Model: - IMPA: 371589



Windsock with Reflective Stripes

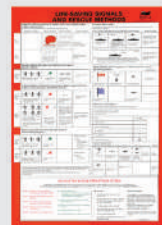
Technical Specifications

Material: Oxford Fabric
Length: 100cm

Product Features

Used as a basic guide to wind direction and speed. Stripes on the windsock can be used to estimate the speed in knots. Made from strong, weather-resistant oxford fabric. Bright orange color with reflective tapes, easily visible especially at night.

Lifesaving Signals And Rescue Method



Product Features

Displays visual cues like red flares, orange smoke signals, and raising/lowering arms.

Model: - IMPA: -



Heaving Throwline Bag

Technical Specifications

Material: PVC Coated Nylon Material, Polyester Webbing
Size: 15cm x 19cm

Product Features

Acts as the weighted end of a heaving line to improve throwing accuracy and distance between ship and dock or between vessels.
Made from Heavy-Duty PVC-coated nylon, resists wear from salt and abrasion.
Weighted fill provides optimal mass for controlled and accurate throws.
Polyester webbing handle allows for easy grip and handling. Handle comes with SOLAS reflective tape that enhances visibility in low light.
Easy to stow and quick to deploy on deck or at the dock. Ready to be securely attached to floating or heaving line.

Other Supplies

Rubber Heaving Ball



Product Features

Attached a heaving line.
Allows the line to be thrown accurately.
Soft rubber design helps prevent injury or damage upon impact.

Model: - IMPA: 232401/232403



Rope Netted Fender Ball

Technical Specifications

Material: Polyethylene Foam, Coir Rope

Product Features

Protects your boat by prevent damage during docking or collisions with other vessels.
Constructed with a high-performance EVA foam core and encased in durable knotted coir rope netting.
Features a portable carrying handle design and easily attaches to the boat dock using ropes for secure fixing.

Sizes Available

320mm
450mm

Rubber Heaving Ball (Long Handle)



Product Features

Attached a heaving line.
Allows the line to be thrown accurately.
This variation comes with a longer handle for improved throwing distance and control.

Model: - IMPA: 232351/232352/232353



Wedge Hatch Hardwood

Technical Specifications

Material: Hard wood

Product Features

Used to bottom down canvas hatch covers.

Sizes Available

50mm x 50mm x 200mm
60mm x 60mm x 250mm
70mm x 70mm x 300mm

Netted Heaving Ball



Product Features

Attached a heaving line.
Allows the line to be thrown accurately.
This variation comes with net covering for better grip and visibility.



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