

MARSTM SAFETY

INTERNATIONAL



Firefighting & Lifesaving

PRODUCT CATALOG

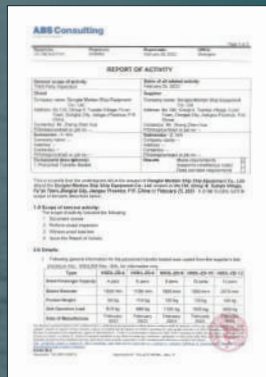
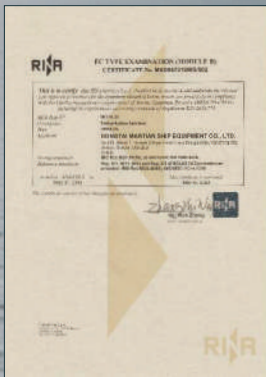


Mars Safety International Pte Ltd is the Singapore Overseas Branch of Dongtai Martian Ship Equipment Co., Ltd.

Essential marine lifesaving equipment and firefighting equipment.

We specialize in a wide range of marine lifesaving products, such as immersion suits, life jackets, life buoys, lifesaving lamps, first-aid kits, emergency drinking water, emergency rations, thermal insulation equipment, static water pressure releasers, radar reflectors, and boarding rope ladders. Additionally, our marine firefighting offerings include emergency escape breathing devices, positive pressure air breathing apparatus for firefighting, thermal protective gear for firefighting, along with personnel transfer baskets, aluminium alloy shore ladders, and more.





All our products have received approval from the China Classification Society (CCS), with certain products also gaining approval from DNV, RINA, ABS, LR, and BV, as well as acquiring the MED certificate.



Model: DMSE-EL, HXEL-M02

Embarkation Ladder



Model: HXEL-L02

**Embarkation Ladder
(Aluminium)**



Model: DMSE-PL, HXPL-M02

Pilot Ladder



Escape Ladder



Model: HX-300

**Holding Magnet
(Clamping Force: 300kg)**



**Wooden & Rubber
Replacement Steps**

HXDL-ZD Series

Personnel Transfer Basket

Model	Weight (Kg)	Safe Load (Kg)	Min.Test Load (Kg)	Diameter (cm)	Height (cm)
HXDL-ZD-4	80	570	≥1410	150	320
HXDL-ZD-6	110	800	≥2070	170	320
HXDL-ZD-8	120	1150	≥2500	185	320
HXDL-ZD-10	135	1425	≥3500	195	325
HXDL-ZD-12	145	1600	≥3800	207	325



HXDL-LZ Series

Personnel Transfer Basket

Model	Weight (Kg)	Safe Load (Kg)	Min.Test Load (Kg)	Diameter (cm)	Height (cm)
HXDL-LZ-4	220	600	≥1600	135	275
HXDL-LZ-6	275	850	≥2500	148	295
HXDL-LZ-8	300	1000	≥3000	168	295
HXDL-LZ-10	350	1200	≥3500	188	295
HXDL-LZ-12	410	1500	≥3800	208	295



HXDL-XLZ Series

Personnel Transfer Basket

Model
HXDL-XLZ-6
HXDL-XLZ-8
HXDL-XLZ-10
HXDL-XLZ-12
HXDL-XLZ-16
HXDL-XLZ-18

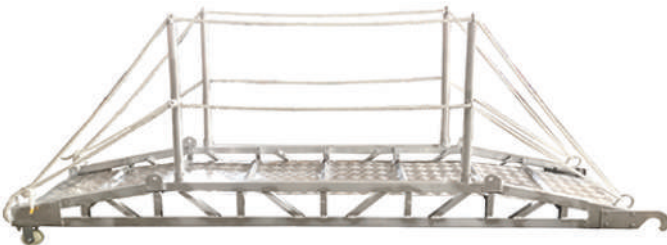




Model: HXTB-P

Marine Gangway (Flat Type)

- Size Available: 2m, 2.5m, 3m, 3.5m, 4m, 4.5m, 5m, 6m



Model: HXTB-Q

Marine Gangway (Bridge Type)

- Size Available: 3m, 4m, 5m, 6m



Wall Ladder



Rescue Tripod



**3-Point Lifeboat
Safety Belt**



**2-Point Lifeboat
Safety Belt**



**4-Point Lifeboat
Safety Belt**



**Full Body Harness
(Fall Protection)**

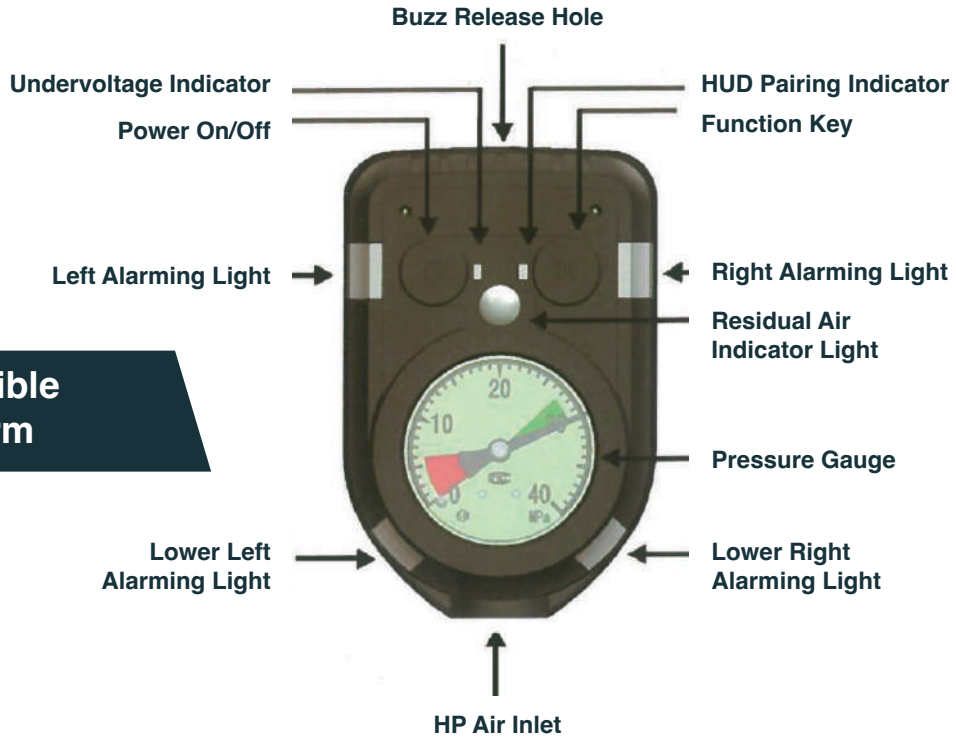


**4-Point Lifeboat
Safety Belt (Adjustable)**



**Ratchet Tie
Down Belt**

Electronic Audible and Visual Alarm



Model: THHX15-1

Emergency Escape Breathing Device

- In accordance with the 2000 Amendments to SOLAS 1974, and the International Code for Fire Safety System.
- Volume: 3L
- Rated Working Pressure Of Air Cylinder: 21MPa
- Duration Time: ≥15mins
- Weight: ≤7.5 Kg



Our self-contained breathing apparatus (SCBA) comply with IMO Resolution MSC.339 (91) of the International Code for Fire Safety Systems (FFS Code)



Model: RHZK6/30

Self-Contained Air Breathing Apparatus for Fire-Fighting

- Working Pressure Of Air Cylinder: 30MPa
- Volume: 6L
- Weight: ≤14 Kg
- Air Cylinder: Steel Cylinder
- Air Deposit: 1800L
- Usage Time: 50-60 (min)
- Alarm Pressure: 5~6MPa

Our self-contained breathing apparatus (SCBA) comply with IMO Resolution MSC.339 (91) of the International Code for Fire Safety Systems (FFS Code)



Model: RHZK6.8/30

Self-Contained Air Breathing Apparatus for Fire-Fighting

- Working Pressure Of Air Cylinder: 30MPa
- Volume: 6.8L
- Weight: ≤8.8 Kg
- Air Cylinder: Carbon Cylinder
- Air Deposit: 2040L
- Usage Time: 60-70 (min)
- Alarm Pressure: 5~6MPa

Our self-contained breathing apparatus (SCBA) comply with IMO Resolution MSC.339 (91) of the International Code for Fire Safety Systems (FFS Code)



Water Fog/Water Column Dual-Use Branchpipe



- **Coupling Type:** Nakajima, STORZ
- **Nominal Diameter:** 40mm, 50mm, 65mm
- **Material:** Brass
- **Working Pressure Range:** 2-16Bar
- **Suitable Medium:** Seawater

Fire Hose Couplings



- **Coupling Type:** Nakajima, STORZ
- **Nominal Diameter:** 40mm, 50mm, 65mm
- **Material:** Brass, Aluminium
- **Suitable Medium:** Seawater

Fire Hydrant



- **Coupling Type:** Nakajima, STORZ
- **Nominal Diameter:** 50mm, 65mm, 80mm
- **Material:** Brass
- **Suitable Medium:** Seawater

Fire Hose



- **Corrosion-resistant material**
- **Fire retardant**
- **Single-sided lining weight:** 146~294g per meter
- **Double-sided rubber weight:** 230~420g per meter



Portable Foam Applicator

- Rating Work Pressure: 0.5MPa
- Operation Pressure: 0.3 - 0.7MPa
- Capacity of Mixture Liquid: 400L/min
- Capacity of Water: 400L/min
- Capacity of Foam: 1.5m³/min
- Foam Range: ≥15m
- Water Range: ≥15m
- Dimension: 500mm x 180mm x 180mm
- Bore of Gun Barrel: 60mm
- Pipe Fitting Size: KY 65mm / KY 50mm
- Mixed Foam Liquid Type:
YE3/YE6 Fluoride Albumen Fire Extinguishing Foam
- Foam Liquid: 20L



A/B Foam Refill for Chemical Foam Fire Extinguishers



- Dimensions: Assorted
- Material: Stainless Steel/Q235

Fire/Safety Plan Container



- Length: 900mm
- Diameter: 110mm
- Material: PVC/Stainless Steel

Fire Extinguisher Support

Model: HXXF-GRF-II

Protective Clothing
for Firefighting





Fireman Axe (Long Wooden Handle)

- Length: 90cm
- Weight: 3kg



Fireman Axe (Rubber Handle)

- High-voltage insulation
- Quantity: 1 Piece



Fire-Resistant Rope

- Length: ≥ 30 m
- Quantity: 1 Piece



Safety Helmet

- Impact-resistant
- Puncture-resistant
- Quantity: 1 Piece



Waist Belt

- Quantity: 1 Set



Firefighting Rubber Boots

- Slip-resistant
- Impact-resistant
- Puncture-resistant
- Chemical-resistant
- Quantity: 1 Pair



Model: HXB-II

Thermal Insulation Buoyant Immersion Suit

- **Storage Temperature:** -30°C ~ + 65 °C
- **Specification:** S, M, L, XL, XXL
- **Waterproof Performance:**
The wearer floats in the water for 1 hour, and the amount of water in the clothes is not more than 200g.
- **Thermo Insulation Performance:**
If the wearer is immersed in still water at 0-2°C for 6 hours, the body temperature will not drop more than 2°C.
- **Floating Force Performance:**
The wearer can turn to the face-up position within 5 seconds, with the mouth and nose exposed to 120mm from the water. If soaked in water for 24 hours, the buoyancy loss will be less than 5%.



Repair Tools For Thermal Insulation Buoyant Immersion Suit

The DF Type test and repair kit is designed specifically for conducting air tests and performing repairs on immersion suits. This comprehensive kit includes an air test set comprising a face clamp, a pressure gauge, an inflator pump, and a spanner. Additionally, it contains a repair set with a cloth patch, adhesive, scissors, a brush, and chalk. All these components are conveniently packaged in a single box that is portable, easy to store, and simple to use.



**Thermal
Protective Aid**



**Chemical
Protective Suits**



CCS
中國船級社

Model: HXXF-GRF-II

Single Bag Inflatable Life Jacket

- **Type:** Single Airbag
- **Buoyancy:** ≥ 150 N
- **Buoyancy Loss:** $\leq 5\%$
- **Weight:** ≤ 1 kg
- **Buoyant Material:** TPU
- **Total Weight of CO₂:** 33g



CCS
中國船級社

Model: HXCQY-S150N

Double Bag Inflatable Life Jacket

- **Type:** Heading Type
- **Buoyant Material:** CO₂ Compartment
- **Compartment Material:** TPU
- **Buoyancy:** ≥ 150 N
- **Buoyancy Loss:** $\leq 5\%$
- **Weight:** ≤ 2 kg
- **Total Weight of CO₂:** 33g + 33g



Model: HXCQY-S275N

Double Bag Inflatable Life Jacket

- **Type:** Heading Type
- **Buoyant Material:** CO₂ Compartment
- **Compartment Material:** TPU
- **Buoyancy:** ≥275 N
- **Buoyancy Loss:** ≤5%
- **Weight:** ≤2.5 kg
- **Total Weight of CO₂:** 60g + 60g



Model: HX-I

Marine Life Jacket

- **Type:** Yoke Type
- **Buoyant Material:** EPE Polythene Foam
- **Buoyancy:** ≥150 N
- **Buoyancy Loss:** ≤5% (24h)
- **Weight:** ≤1 kg



Model: HX-II

Marine Life Jacket

- **Type:** Vest Type
- **Buoyant Material:** EPE Polythene Foam
- **Buoyancy:** ≥150 N
- **Buoyancy Loss:** ≤5% (24h)
- **Weight:** ≤1 kg



Model: HX-III

Marine Life Jacket

- **Type:** Vest Type
- **Buoyant Material:** EPE Polythene Foam
- **Buoyancy:** ≥185 N
- **Buoyancy Loss:** ≤5% (24h)
- **Weight:** ≤1 kg



Model: HXL-4

Children Life Jacket

- **Buoyant Material:** EPE Polythene Foam
- **Buoyancy:** ≥85 N
- **Buoyancy Loss:** ≤5% (24h)
- **Weight:** ≤1 kg
- **Wearer's Weight/Height Range:** Suitable for children with height 100cm or more but less than 155cm and weight 15kg or more but less than 43kg.



Model: HXYL-5

Baby Life Jacket

- **Type:** Yoke Type
- **Buoyant Material:** EPE Polythene Foam
- **Buoyancy:** ≥70 N
- **Buoyancy Loss:** ≤5% (24h)
- **Weight:** ≤1 kg
- **Wearer's Weight/Height Range:** Suitable for Infant with height less than 100cm and weight less than 15kg.



Model: HXNH-I

River Life Jacket

- **Type:** Yoke Type
- **Buoyant Material:** EPE Polythene Foam
- **Buoyancy:** ≥100 N
- **Buoyancy Loss:** ≤5% (24h)
- **Weight:** ≤1 kg



Model: HX86-5A

Life Jacket

- **Buoyant Material:** EPE Foam
- **Buoyancy:** ≥74 N



Life Buoy Quick Release Rack

- **Model:** 2.5kg, 4.3kg
- **Outer Diameter:** 720mm, 760mm
- **Inner Diameter:** 440mm
- **Buoyancy:** $\geq 14.5\text{kg}$



Life Buoy



Floating Ring



Life Buoy Bracket



Life Buoy Floating Rescue Line



Encapsulated Life Buoy Floating Rescue Line

Model: HXYD-GD

Life Jacket Light



- Lumionous Intensity: ≥ 0.75 cd
- Time of Power: ≥ 8 h
- Working Voltage: 3.6V
- Ambient Temperature: $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- Sea Water Temperature: $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
- Lighting Format: Flashing
- Flash Frequency: 50~70 times/min
- Light Color: White

Model: PH2703B

Life Jacket Light



- Lumionous Intensity: ≥ 0.75 cd
- Time of Power: ≥ 8 h
- Working Voltage: 3.6V
- Ambient Temperature: $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- Sea Water Temperature: $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
- Lighting Format: Flashing
- Flash Frequency: 50~70 times/min
- Light Color: White

Model: HXYD-L-B

Life Jacket Light



- Lumionous Intensity: ≥ 0.75 cd
- Time of Power: ≥ 8 h
- Working Voltage: 3.6V
- Ambient Temperature: $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- Sea Water Temperature: $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
- Lighting Format: Flashing
- Flash Frequency: 50~70 times/min
- Light Color: White

Model: HXQD-GD

Life Buoy Light



- **Lumionous Intensity:** ≥ 2 cd
- **Time of Power:** ≥ 2 h
- **Battery Used:** 2Pcs No.1 Alkaline Batteries
- **Ambient Temperature:** $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- **Sea Water Temperature:** $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
- **Electric Pearls:** LED
- **Lighting Format:** Flashing
- **Flash Frequency:** 50~70 times/min
- **Light Color:** White

Model: HXQD-LD

Life Buoy Light



- **Lumionous Intensity:** ≥ 2 cd
- **Time of Power:** ≥ 2 h
- **Battery Used:** Lithium Battery
- **Ambient Temperature:** $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- **Sea Water Temperature:** $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
- **Electric Pearls:** LED
- **Lighting Format:** Flashing
- **Flash Frequency:** 50~70 times/min
- **Light Color:** White

Model: HXQD-FB-A

Explosion-Proof Life Buoy Light



- **Lumionous Intensity:** ≥ 2 cd
- **Time of Power:** ≥ 2 h
- **Explosion Levels:** ExicIIAT4Gc
- **Working Voltage:** 3V
- **Bulb Rating Parameter:** 3.0V/0.1A
- **Storage Environment Temperature:** $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- **Working Environment Temperature:** $-20^{\circ}\text{C} \sim +40^{\circ}\text{C}$
- **Lighting Format:** Flashing
- **Flash Frequency:** 50~70 times/min
- **Light Color:** White
- **Battery Type:** CR123A
- **Weight (Including Battery):** 550g
- **Battery Validity:** 5 years

Model: DSW9812

Stroboscopic Position Light for Lifeboat & Raft



- Lumionous Intensity: ≥ 4.3 cd
- Flash Frequency: 50~70 times/min
- Usage Duration: ≥ 12 h
- Voltage/Power: DC12V/13W
- Storage Environment Temperature: $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- Working Environment Temperature: $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
- Insulation Resistance: $\geq 200\Omega$



**Model: WS97-12V80W, WS97-24V80W,
WS97-12V50W, WS97-24V50W**

Lifeboat Search Light

- Rated Voltage: 12/24V
- Power of Illuminant: 50/80W

Model: HXFD-I / HXFD-II

Position Light for Life Raft



- Top Light Lumionous Intensity: ≥ 4.3 cd
- Interior Spotlight: ≥ 0.5 cd
- LED Bulb Parameter: 0.2w
- LED Bulb Parameter: 1w
- Storage Environment Temperature: $-30^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- Working Environment Temperature: $-1^{\circ}\text{C} \sim +30^{\circ}\text{C}$
- Flash Frequency: 50~70 times/min
- Light Color: White
- Working Pressure: 3.6V
- Battery Validity: 5 Years



Portable Handheld Search Light

Model: SJHM-1

Lifeboat Sea Anchor



- **Anchor Mouth Diameter:** $\Phi 600\text{mm}$
- **Weight:** $\geq 19\text{kg}$
- **Material:** Canvas
- **Rope Diameter:** $\Phi 22\text{mm}$
- **IMPA Code:** 330216

Model: SJHM-2

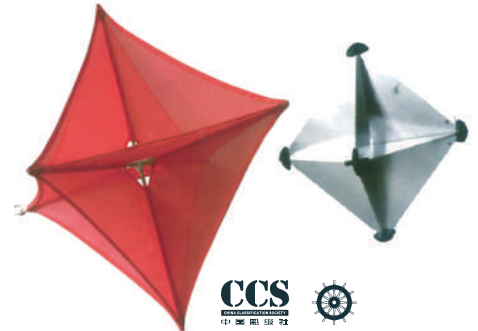
Lifeboat Sea Anchor



- **Anchor Mouth Diameter:** $\Phi 700\text{mm}$
- **Weight:** $\geq 19\text{kg}$
- **Material:** Canvas
- **Rope Diameter:** $\Phi 22\text{mm}$
- **IMPA Code:** 330216

Model: TLF-470A

Radar Reflector



- **Specification:** 470, 520
- **Cross-Sectional Area:** $\geq 7.5\text{m}^2$
- **Min. Installation Angle:** $\geq 2\text{m}$ (above waterline)
- **Reflection Area:** $\geq 40\text{m}^2$
- **IMPA Code:** 330190



Oil Bag

- **Size:** 5200mm x 420mm



Rainwater Collector

- **Size:** 1500mm x 1000mm



Lifeboat
Canopy

Model: HXFPD-6T



• Size: ϕ 20mm x 1000mm

Lifeboat Fall
Preventive Device

Universal

Liferaft Deck
Cradle



- Suitable for 6-25 people life raft containers
- **Material:** Steel Q235

Model: JSQ-C1

Hydrostatic
Release Unit
For Liferaft



- Release Depth 2-4m in water
- Comply with 96 Amendments to the SOLAS(74) and river

Model: H20E



Model: H20R



Hammar Hydrostatic
Release Unit for Liferaft

Model: 3J-1

Neil-Robertson Stretcher



- Load Capacity: ≥120kg
- IMPA Code: 391390

Model: DTHX-A-I

First Aid Kit



- Size: Φ135mm x 230mm
- Medicines inside comply with International Standards.
- IMPA Code: 330245

Model: DTHX-A-II

First Aid Kit



- Size: 250mm x 350mm
- IMPA Code: 330245



Survival Ration



Emergency
Drinking Water



Fishing Kit



Liftboat Hook



Daylight
Signal Mirror



Marine Bellow
Fog Horn



Sea Anchor
Oil Can



Rat Trap



Emergency Clip



Hand Bailer



Measuring Cup



**Rope Netted
Fender Ball**



Jack knife



**Buoyant
Paddles**



Windsock



**Windproof
Matches**



Air Pump



Whistle

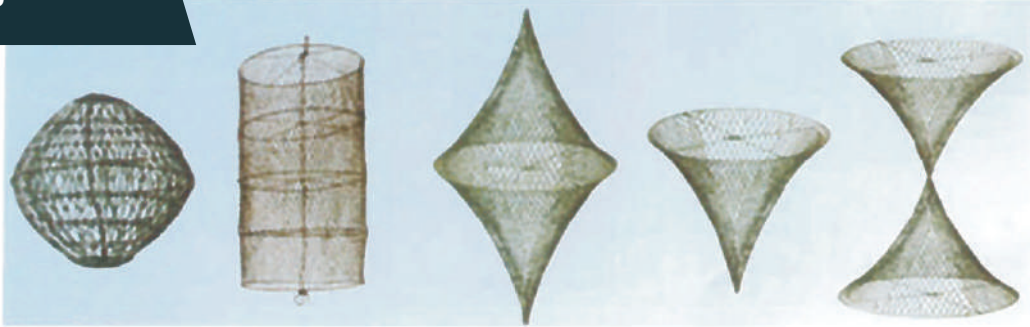


Throwing Ball



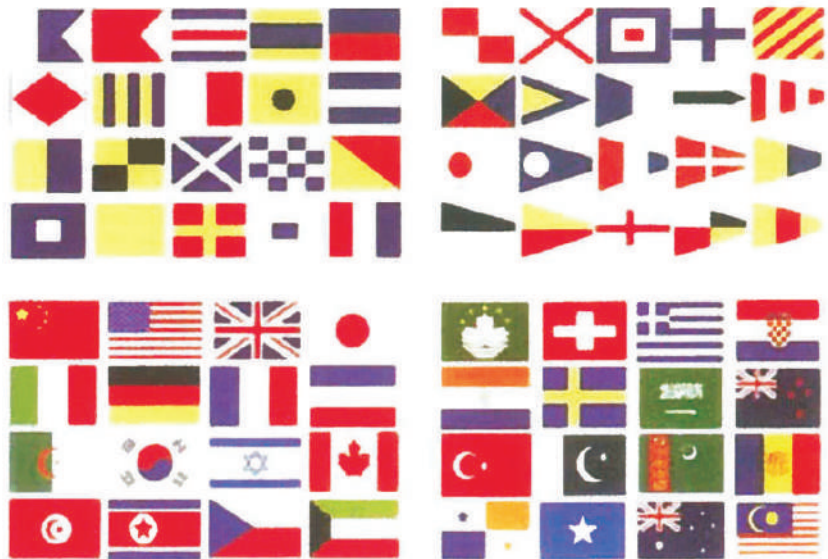
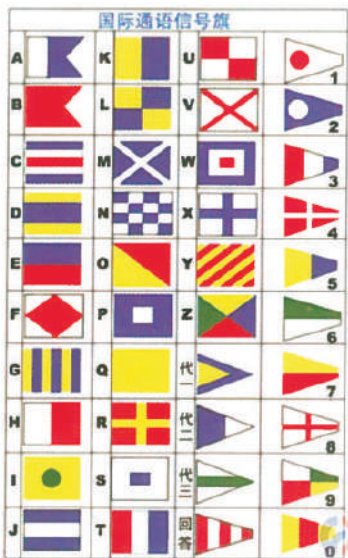
**Metal Bucket
(Semi Circle)**

Day Signals



Size \ Shape	Double Cone		Ball		Cone		Cylinder		Diamond	
Diameter (mm)	600	300	600	300	600	300	600	300	600	300
Length (mm)	1200	600	600	300	1200	600	1200	600	1200	600

International Signal Flags





Glass Fiber Reinforced Plastic Fire Hose Box

The glass fiber reinforced plastic box is designed specifically for storing fire hoses. It is anti-corrosive, weather-proof, does not rust or allow mildew growth, and comes with frame and without frame.

2# Fire Hose Box 3# Fire Hose Box



Double-sided
Hose Box Interior



Single-sided
Hose Box Interior

Name	Dimension (mm)	Configuration Inside Box
1# Fire Hose Box	700 x 600 x 240	Double-sided stainless steel accessories
	700 x 600 x 240	Double-sided galvanized accessories
	700 x 600 x 240	Single-sided galvanized accessories
2# Fire Hose Box	650 x 550 x 190	Double-sided stainless steel accessories
	650 x 550 x 190	Double-sided galvanized accessories
	650 x 550 x 190	Single-sided galvanized accessories
3# Fire Hose Box	590 x 465 x 170	No frame



Fireman's
Outfit Box



Lifebuoy
Release Device



Life Jacket
Box



EEBD Escape
Respirator Box



Yellow Sand
Box



Battery
Box



100mm x 300mm



200mm x 300mm



150mm x 200mm



IMO Fluorescence Signs
150mm x 150mm

Connecting Products to People through Diverse Supply Points:

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Jiangsu
Qingdao
Zhoushan
Tianjin
Singapore
Rotterdam

Rotterdam



Qingdao
Jiangsu
Shanghai
Tianjin
Zhoushan
Guangzhou

Singapore

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