

Immersion Suit

(MED/SOLAS Approved)

Model: HXB-II IMPA: 330195

Sizes 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

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)

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



MARINE SAFETY ESSENTIALS

We Offer On-Board Firefighting And
Marine Safety Essentials

Disclaimer: Accuracy of all technical data and information are provided to the best knowledge of the manufacturer. Properties, specifications and application parameters are subject to change without notice. The manufacturer does not undertake any liability of any kind whatsoever.

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

No.1 Tuas Link 1, Singapore 638583 Tel.: +65 6862 1212 Fax: +65 6897 9959 For Orders, please send enquiry to Sales@mars-safety.com



Product Features

- MED/SOLAS approved immersion suit designed for rough, open, or remote waters where rescue might be delayed. They are made to be worn in extremely cold water conditions where the risk of hypothermia is high.
- Made of CR expanded neoprene composite cloth. Can be used without life jacket.
- Equipped with a buoyancy pillow that keep the wearer's head elevated above water.
- **Waterproof Performance:** Water permeability amount is under 200g after an hour of 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 immersion for 24 hours.
- **Thermal Insulation Performance:** When wearer is immersed in still water at 0-2°C for 6 hours, the body temperature will not drop more than 2°C.

Add-On Accessories (Separate Order)



Life Jacket Light
Model: HXYD-GD



Test & Repair Kit
for Immersion Suit



MARINE SAFETY ESSENTIALS

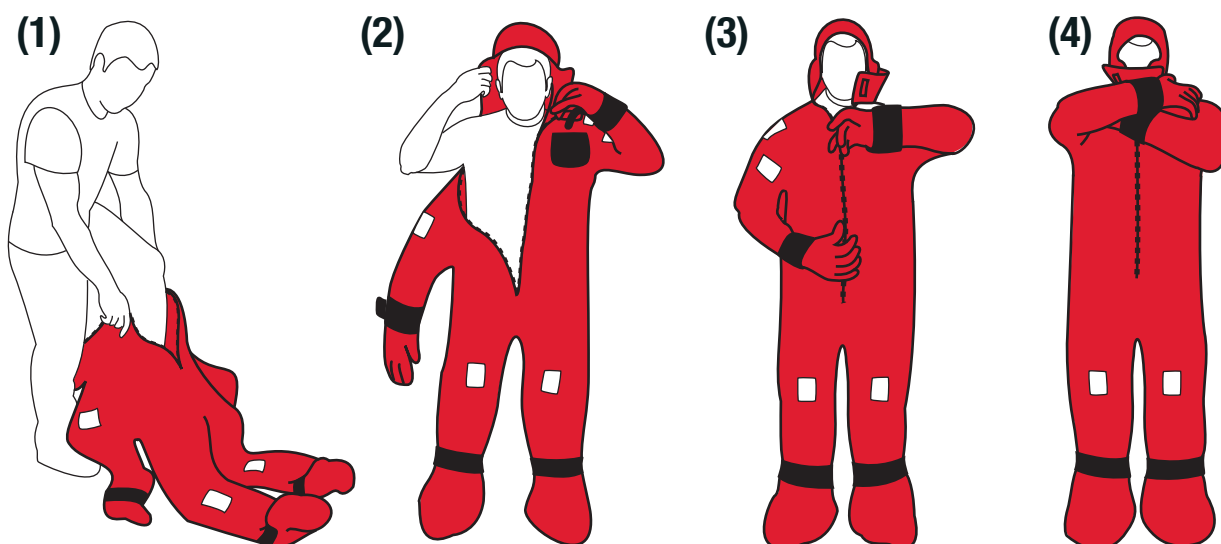
We Offer On-Board Firefighting And
Marine Safety Essentials

Disclaimer: Accuracy of all technical data and information are provided to the best knowledge of the manufacturer. Properties, specifications and application parameters are subject to change without notice. The manufacturer does not undertake any liability of any kind whatsoever.

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

No.1 Tuas Link 1, Singapore 638583 Tel.: +65 6862 1212 Fax: +65 6897 9959 For Orders, please send enquiry to Sales@mars-safety.com

Donning Instructions For HXB-II Immersion Suit



- (1) Put on as you would a pair of coverall.
- (2) Insert arm into suit and adjust hood over head.
- (3) Insert other arm and close zipper and face flap, adjust ankle bands to fit.
- (4) Enter water feet first.

Important Note: The inherent buoyancy of an immersion suit may prevent escape from enclosed space. It is recommended that the suit be donned for use on a weather deck and not in the vessel's cabins.

Maintenance Pointers For HXB-II Immersion Suit

- Immersion suits should be stored in a cool, ventilated area, shielded from high temperatures and direct sunlight. Avoid contact with acids, alkalis, salts, and oils, and prevent heavy objects from pressing on the suits for extended periods to avoid damage to both the suit and its waterproof seal. Packing wrinkles on the suit during storage are normal.
- Avoid contact with sharp objects to preserve the waterproof seal. Also, be mindful of rodents in the storage area to prevent the suit from being chewed.
- To clean the suit, use a neutral detergent and a soft brush. After washing, rinse thoroughly with clean water and allow it to dry naturally.
- Regularly inspect the suit and if any damage or leaks are found, it must be repaired immediately.



MARINE SAFETY ESSENTIALS

We Offer On-Board Firefighting And
Marine Safety Essentials

Disclaimer: Accuracy of all technical data and information are provided to the best knowledge of the manufacturer. Properties, specifications and application parameters are subject to change without notice. The manufacturer does not undertake any liability of any kind whatsoever.

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

No.1 Tuas Link 1, Singapore 638583 Tel.: +65 6862 1212 Fax: +65 6897 9959 For Orders, please send enquiry to Sales@mars-safety.com