

Chemical Protection Suit

Model: RFH-I(A) IMPA: 330979

Sizes Available:

- M, Suitable for Height: 1.6m-1.7m
- L, Suitable for Height: 1.7m-1.8m
- XL, Suitable for Height: 1.8m-1.9m
- XXL, Suitable for Height: 1.9m-2.0m

Technical Specifications

- **Material:** PVC
- **Fire-Retardant Rubber Fabric Performance:**
Thickness: 0.45 ± 0.05 mm
Fracture Strength: ≥ 250 N
Flame Retardancy:
After-Flame: ≤ 10 sec, After-Glow: ≤ 10 sec, Damaged Length: ≤ 10 cm, no molten drop
- **Seam Breaking Strength:** ≥ 45 N
- **Permeation:**
98% H_2SO_4 : ≥ 240 min
30% HCL: ≥ 240 min
60% HNO_3 : ≥ 240 min
40% NaOH: ≥ 240 min
- **Chemical Resistance Boots Performance:**
Electric Insulation of the sole: ≥ 5000 V
Puncture Resistance of the sole: ≥ 780 N
Water Resistance of the boot: No leakage when submerged in water for 2 hours.
- **Chemical Protective Clothing Performance:**
Adhesive Strength of the seal: ≥ 0.78 kN/m
Water Percolation Resistance: No percolation when sprayed with 3L/min sprinkler for 3 minutes.

Certifications

- **Approval:** CCS certificate
- **Standard:** GB24540-2009

Important Note: This chemical protection suit is intended for practitioners in workplaces and emergency rescue work, it is not suitable for use in firefighting and other occasions.



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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

- A light duty chemical protection suit that provides mobility and essential protection against spills, splashes, and other forms of chemical exposure, which can occur during emergency operations in maritime environments.
- One-piece design with rubber boots, elastic cuffs, reinforced seams, and hoods to ensure a snug fit and minimize the risk of chemical ingress. Gloves are also provided, to be worn separately.
- Constructed from PVC material that resist permeation and degradation by various chemicals, ensuring protection against spills and splashes.
- Waterproof materials ensure that the wearer remains dry even in wet environments.
- Lightweight materials allow for mobility and reduce fatigue during prolonged use.
- Designed with Velcro closures for quick and easy on/off access.
- Comes in Hi-Vis orange to enhance visibility in low-light conditions.

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

Add-On Accessories (Separate Order)



Self-Contained Breathing Apparatus (SCBA)
(6L Steel Cylinder/6.8L Carbon Fiber Cylinder)



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