AlphaTec®
ADVANCED CHEMICAL PROTECTION

LIGHT Type TR

Non-encapsulating gas-tight protection specially designed for the shipping industry

Previously known as: TRELLCHEM® LIGHT Type TR

Rear-entry non-encapsulating protective suit, specially designed for the shipping industry.



- **Improved user-friendliness:** Specially made for the shipping industry, the AlphaTec® LIGHT Type TR protective suit's rear-entry non-encapsulating design makes it practical and ideal for use in confined spaces
- **Enhanced protection:** Made from polyester fabric with PVC coating on both sides, this chemical-protective suit combines flexibility, durability and low-hazard chemical resistance*
- **Assured safety:** This AlphaTec® protective suit also meets relevant SOLAS standards, for assured shipping industry suitability

*EN 943-1:2015 compliance – ideal for protection against alkalis and low-concentration acids

Industries

- Industrial
- Chemical
- Shipping

Applications

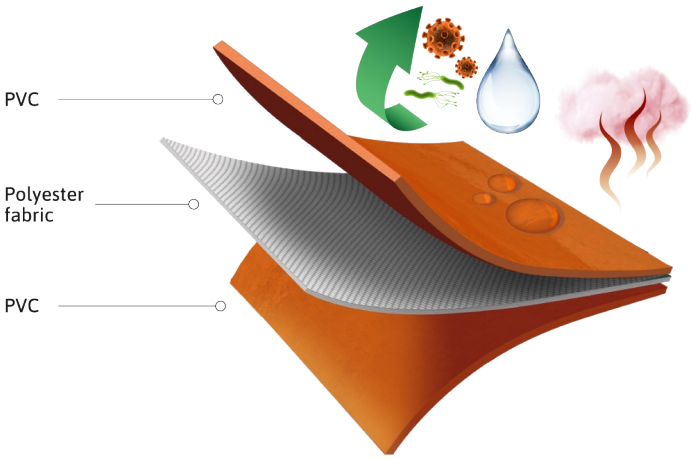
- Shipping
- Chemical leaks
- Emergency Response
- Hazmat response
- Tank Cleaning
- Accidental release of toxic gases
- Biohazard response
- Plant Emergencies
- Maintenance of plant and machines

KEY FEATURES & BENEFITS

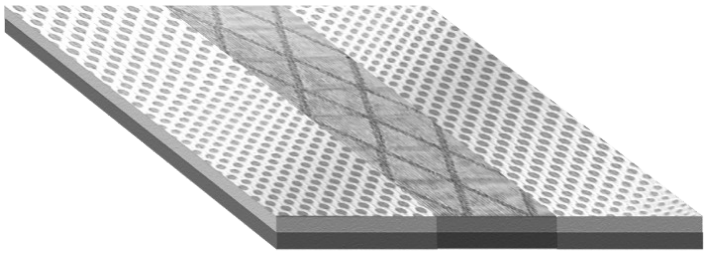
- **Rear-entry non-encapsulating design:** Suitable for confined spaces
- **Polyester fabric with PVC coating:** Flexibility, durability and chemical resistance*
- **SOLAS compliance:** Assured protection for shipping-related applications

*EN 943-1:2015 compliance – ideal for protection against alkalis and low-concentration acids

Material Diagram



Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	2XS, XS, S, M, L, XL, 2XL, 3XL
Color	Orange
Country Of Origin	Lithuania
Packaging Overview	Individually Packed
Product Material	Strong and flexible polyester fabric coated on each side with PVC.
Product Reference	LIGHT Type TR
Standards Overview	• EN 943-1:2015 + A1:2019 • EN 14126:2003 (infective agent protection) • EN 1149-5:2008 (antistatic suit material) • SOLAS
Seam Type	Double welded
Shelf Life	7 years

Suit components & accessories

Suit Components and Accessories	
Design Features	• Rear-entry, non-encapsulating design, type TR (with face seal and without hump, BA worn outside the suit) • Anatomically designed face seal for optimal safety and comfort • Bayonet glove ring system for quick and simple glove exchange • Attached boots or sewn-in socks in the suit material
Visor And Face Seal	Anatomically designed rubber face seal. Optionally the suit can be fitted with a full-face mask which is glued to the hood.
Gloves And Attachments	AlphaTec® 08-354 Neoprene (chloroprene) rubber gloves in combination with rubber cuffs for added safety. The gloves are attached with the AlphaTec® Bayonet glove ring system, which offers quick and simple glove exchange.
Footwear And Attachments	Sewn-in socks/booties made of the suit material. Alternatively attached PVC safety boots approved according to EN 20345. The boots are fixed with an ergonomically designed ring attachment, for simplified boot exchange.
Zipper	Rear-entry gas-tight PVC zipper, placed horizontally across the shoulders. The zipper is protected by a splash guard/flap. The zipper does not provide protection against ammonia.
Ventilation	The suit is fitted with an AlphaTec® Exhaust valve on the chest, to ventilate excess air inside the suit.
Optional Features And Accessories	• Welded-on reinforcements on elbows and knees, • Reflective tape on sleeves and/or legs, • AlphaTec® 58-800 Overglove for improved cut & puncture resistance, • AlphaTec® SCBA Cover, • Other accessories are available upon request
Included With Each Delivery	• 1 pce AlphaTec® Mini Hood for protection against inward leakage between mask and face seal, in case of jet spray from behind • 1 pair of comfort inner gloves • 2 pcs extra locking pins for the Bayonet glove ring system • 1 pce Molycote lubrication for the O-rings in the Bayonet glove ring system • 1 pce grease stick for lubrication of the zipper • 1 pair of comfort silicone oversocks (only for suits with sewn-in socks) • 1 pce coat hanger

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