

## LIGHT Type T

PVC Chemical Barrier, Type 1 / Level B protection

Previously known as: TRELLCHEM® LIGHT Type T

### Reusable non-encapsulating gas-tight protective suit, offering moderate chemical resistance.

- **Enhanced user-friendliness:** The AlphaTec® LIGHT Type T gas-tight chemical protective suit is reusable and features a non-encapsulating design, making it especially user-friendly in confined spaces
- **Specialized protection:** Made from polyester fabric with PVC coating on both sides, this protective suit blends flexibility, durability and chemical resistance, guarding against alkalis and low-concentration acids
- **Assured safety:** It meets relevant SOLAS standards for safety and protection



## Industries

- Food Processing
- Life Sciences
- Chemical
- Industrial
- Law Enforcement
- Emergency Medical Services
- Shipping

## Applications

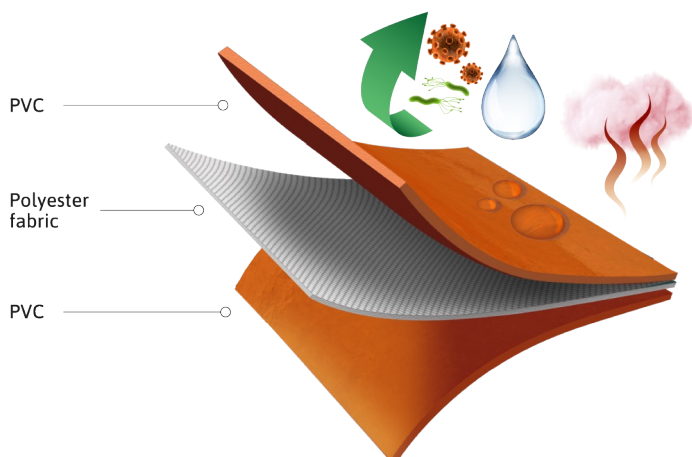
- Maintenance of plant and machines
- Plant Emergencies
- Accidental release of toxic gases
- Biohazard response
- Unexpected leakages spills or other releases
- Tank Cleaning
- CBRN Emergencies
- Chemical leaks
- Emergency Response
- Hazmat response
- Shipping

## KEY FEATURES & BENEFITS

- **Reusable non-encapsulating design:** Longevity as well as usability in confined spaces
- **PVC coated polyester fabric:** Durability, flexibility and chemical resistance\*
- **SOLAS compliance:** Assured safety credentials

\*Type 1/Level B protection, guarding 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 T
Standards Overview	<ul style="list-style-type: none"> <li>• EN 943-1:2015 + A1:2019</li> <li>• EN 1073-2:2002 (radioactive particle protection)</li> <li>• EN 14126:2003 (infective agent protection)</li> <li>• EN 1149-5:2008 (antistatic suit material)</li> <li>• SOLAS</li> </ul>
Seam Type	Stitched butt seams covered on the outside with a welded-on PVC tape.
Shelf Life	7 años

Suit components & accessories

Suit Components and Accessories	
Design Features	Non-encapsulating design with face seal and without hump (type T), breathing apparatus worn outside the suit.
Visor And Face Seal	• Anatomically designed rubber face seal
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	Heavy duty gas-tight zipper coated with chloroprene rubber. The zipper closes downwards, for added safety, and is protected by a flap/splash guard.
Ventilation	• A ventilation system is included as standard. For the safety of the wearer, it provides a constant level of overpressure inside the suit • The AlphaTec® Regulating valve has 3 ventilation rates (2, 30 and 100 l/min) plus zero/off position • CEJN 221 male coupling for connection to the SCBA (requires separate connection hose) • One AlphaTec® Exhaust valve on the chest
Optional Features And Accessories	• Waist belt, internalve, • D-ring for holding small measuring instruments & tools, • Customized marking, e.g. digits, letters, logos, • 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

For additional in formation visit us at [www.ansell.com](http://www.ansell.com), or call us at

Europe, Middle East & Africa Region  
Ansell Healthcare Europe NV  
T: +32 (0) 2 528 74 00

Asia Pacific Region  
Ansell Global Trading Center  
T: +603 8310 6688

North America Region  
Ansell Healthcare Products LLC  
T: +1 800 800 0444

Latin America & Caribbean Region  
Ansell Commercial Mexico S.A. de C.V.  
T: +52 442 248 1544 / 248 3133

Australia  
Ansell Limited  
T: +61 1800 337 041

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