AlphaTec®
ADVANCED CHEMICAL PROTECTION

FLASH Type T

Flame retardant, multi-layer, re-usable chemical barrier technology, Type 1 / Level B protection

Previously known as: TRELLCHEM® FLASH Type T

Multi-layer flame-retardant protective suit, offering wearers advanced chemical resistance .

- **Specialized protection:** The AlphaTec® FLASH Type T protective suit is made from a blend of chloroprene rubber on an aramid base fabric, delivering excellent flame and abrasion resistance
- **Advanced defenses:** Satisfying EN 943-2 standards (Europe's most stringent for chemical resistance), this flame-retardant suit protects against a wide range of chemical hazards
- **Improved ergonomics:** Its non-encapsulating design means this protective suit is also suitable for work in confined spaces



Industries

- Food Processing
- Life Sciences
- Chemical
- Industrial
- Law Enforcement
- Fire and Rescue
- Defense
- Military
- Oil and gas

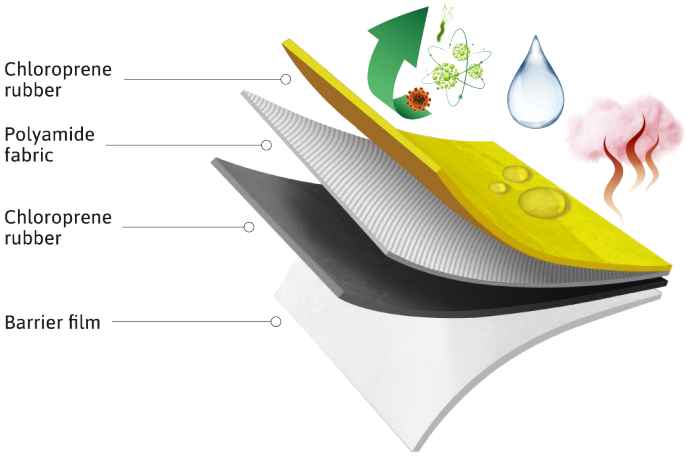
Applications

- 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

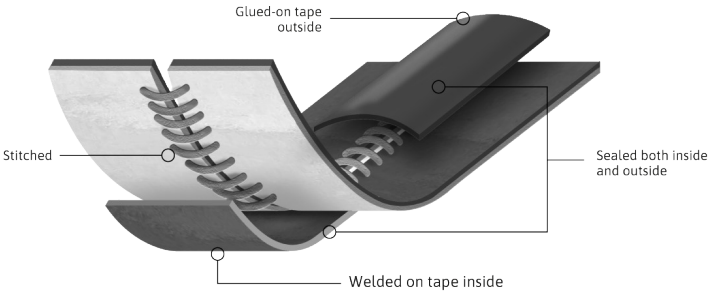
KEY FEATURES & BENEFITS

- **Patented chloroprene-aramid blend:** Abrasion and chemical resistance*
- **EN 943-2 compliant design:** Protection from a range of hazards
- **Non-encapsulating design:** Suitable for work in confined spaces

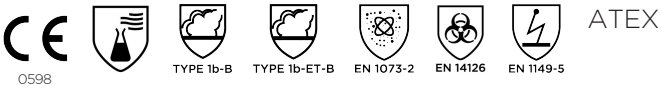
Material Diagram



Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	2XS, XS, S, M, L, XL, 2XL, 3XL
Color	Orange, Olive Green
Country Of Origin	Lithuania
Packaging Overview	Individually Packed
Product Material	Outer polyamide fabric coated with chloroprene rubber. Inner chloroprene rubber and a multilayer barrier laminate
Product Reference	FLASH Type T
Standards Overview	• EN 943-1:2015 + A1:2019 • EN 943-2:2019 • EN 1073-2:2002 (radioactive particle protection) • EN 14126:2003 (infective agent protection) • EN 1149-5:2008 (antistatic suit material) • Approved for use in ATEX zones 2/21, 22 and chemical group IIA
Seam Type	Stitched and covered with chloroprene rubber tape on the outside and a barrier laminate tape on the inside
Shelf Life	7 years

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	2-part system with AlphaTec® 02-100 barrier inner glove and AlphaTec® 38-628 Viton®/Butyl rubber glove. The gloves are attached with the AlphaTec® Bayonet glove ring system, which offers quick and simple glove exchange.
Footwear And Attachments	Sewn-in sock/booties made of the suit material. Alternatively attached black nitrile rubber safety boots with European approval as Firemen's boots. The boots are fixed with an ergonomically designed ring attachment, for simplified boot exchange.
Zipper	AlphaTec® HCR zipper, which includes a barrier film for increased chemical resistance. The zipper is closing 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, internal, • 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 • 1 pce AlphaTec® Storage bag

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