

Previously known as: TRELLCHEM® LIGHT FREEFLOW

### Reusable gas-tight chemical-protective suit, guarding against a wide range of hazards.

- **Elevated comfort:** The AlphaTec® LIGHT FREEFLOW is a reusable, air-fed, gas-tight chemical-protective suit, designed with an external airline that boost comfort and removes the need for SCBA
- **Assured protection:** Made from flexible, comfortable polyamide fabric with PVC side coating, this protective suit protects wearers from a wide range of industrial chemicals
- **Enhanced features:** Beyond chemical resistance, this AlphaTec® protective suit is also highly user-friendly, with a bayonet glove ring system enabling quick glove change and various glove combinations



## Industries

- Life Sciences
- Chemical
- Industrial

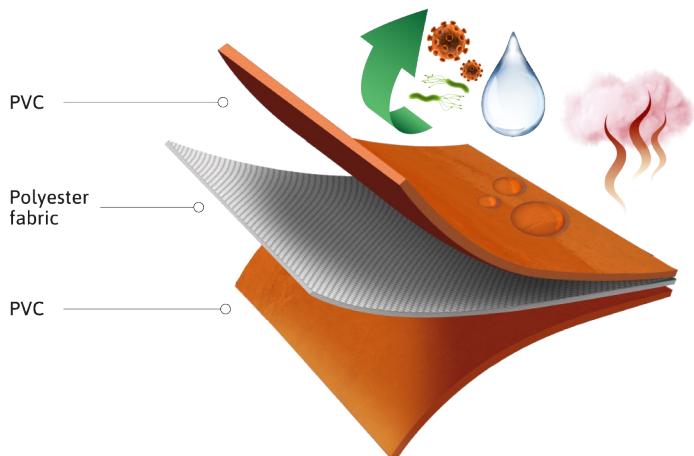
## Applications

- Maintenance of plant and heavy equipment
- 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

- **External airline:** Comfortable, SCBA-free personal protection
- **PVC-coated polyamide fabric:** Flexibility and strong chemical resistance
- **Bayonet glove ring system:** Quick and easy glove change with various possible combinations

## Material Diagram



## Seam Diagram



## Performance Standards



0598

## Product Information

Product Information	
<b>Available Sizes</b>	2XS, XS, S, M, L, XL, 2XL, 3XL
<b>Color</b>	Orange
<b>Country Of Origin</b>	Lithuania
<b>Packaging Overview</b>	Individually Packed
<b>Product Material</b>	Strong and flexible polyester fabric coated on each side with PVC.
<b>Product Reference</b>	LIGHT FREEFLOW
<b>Standards Overview</b>	<ul style="list-style-type: none"><li>EN 943-1:2015 + A1:2019</li><li>EN 1073-1:2016 &amp; A1:2018 (radioactive particle protection)</li><li>EN 14126:2003 (infective agent protection)</li><li>EN 1149-5:2008 (antistatic suit material)</li></ul>
<b>Seam Type</b>	Stitched butt seams covered on the outside with a welded-on PVC tape.
<b>Shelf Life</b>	7 years

## Suit components & accessories

Suit Components and Accessories	
<b>Design Features</b>	<p>• Encapsulating design type CV, without hump</p> <p>• For use with external air supply via airline (no SCBA is to be used)</p>
<b>Visor And Face Seal</b>	• Visor type CV • Made from a rigid 2 mm impact and chemical resistant PVC;
<b>Gloves And Attachments</b>	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.
<b>Footwear And Attachments</b>	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.
<b>Zipper</b>	Heavy duty gas-tight zipper coated with chloroprene rubber. The zipper closes downwards, for added safety, and is protected by a flap/splash guard.
<b>Ventilation</b>	A swiveling airline passthrough/Freeflow valve is placed on the side of the suit. The air is distributed in front of the visor via inside polyurethane (PU) tubing and two diffusers/silencers. Excess air is ventilated through four AlphaTec® Exhaust valves in the back of the hood.
<b>Optional Features And Accessories</b>	• Anti-fog lens, • Tear-off lens, • AlphaTec® Hands-free Visor Light system, • Internal waist belt & leg shortener for size adjustment , • Inside pockets & loops for radio, PTT etc., • D-ring for holding small measuring instruments & tools, • Customized marking, e.g. digits, letters, logos, • AlphaTec® 58-800 Overglove for improved cut & puncture resistance, • Other accessories are available upon request
<b>Included With Each Delivery</b>	• 1 pair of comfort inner gloves • 2 pcs extra locking pins for the Bayonet glove ring system • 1 pce Molykote 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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