

Previously known as: TRELLECHEM® 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

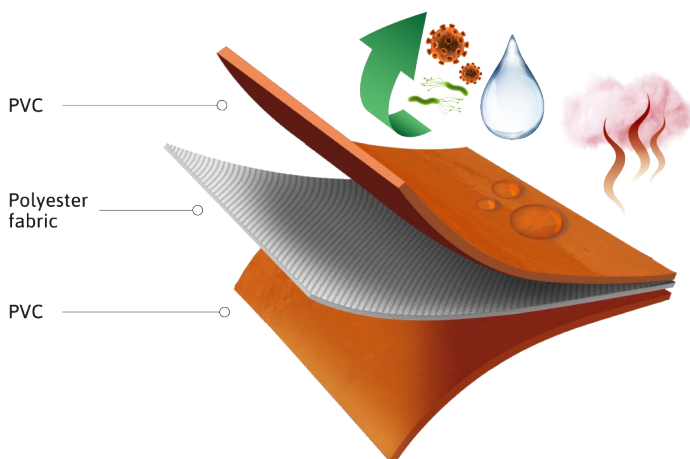
Applications

- 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
- Unexpected leakages, spills

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

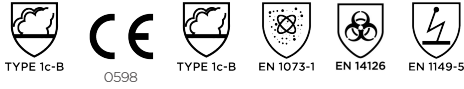
Material Diagram



Seam Diagram



Performance Standards



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 FREEFLOW |
| Standards Overview | <ul style="list-style-type: none"> • EN 943-1:2015 + A1:2019 • EN 1073-1:2016 & A1:2018 (radioactive particle protection) • EN 14126:2003 (infective agent protection) • EN 1149-5:2008 (antistatic suit material) |
| Seam Type | Stitched butt seams covered on the outside with a welded-on PVC tape. |
| Shelf Life | 7 years |

Suit components & accessories

| Suit Components and Accessories | |
|--|--|
| Design Features | <ul style="list-style-type: none"> • Encapsulating design type CV, without hump • For use with external air supply via airline (no SCBA is to be used) |
| Visor And Face Seal | • Visor type CV • Made from a rigid 2 mm impact and chemical resistant PVC; |
| 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 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. |
| Optional Features And Accessories | <ul style="list-style-type: none"> • 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 |
| Included With Each Delivery | <ul style="list-style-type: none"> • 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 information visit us at www.ansell.com, or call us at

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

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

Australia
Ansell Limited
T: +61 1800 337 041

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

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

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