

## SUPER FREEFLOW

Combined respiratory protection and high level, gas-tight chemical protection

Previously known as: TRELLCHEM® SUPER FREEFLOW

### Gas-tight protective suit offering high-level chemical resistance.

- **Improved usability and comfort:** The AlphaTec® SUPER FREEFLOW is a gas-tight chemical-protective suit designed with an external air source, ensuring longer wear and greater comfort
- **Specialized protection:** Made from antistatic butyl rubber, featuring a Viton™ rubber top coating and polyamide inner fabric, this protective suit offers strong chemical resistance against various hazards\*
- **Enhanced flexibility and durability:** Thanks to its multi-layer design, it offers both durability and flexibility, for comfortable, hard-wearing personal protection
- **Assured safety:** This AlphaTec® protective body suit also complies with relevant ATEX standards, making it suitable for use in explosive atmospheres

\*including against alkalis, strong acids (e.g. hydrofluoric acid), petrochemicals, chlorinated solvents, aromatics and oils



## Industries

- Food Processing
- Life Sciences
- Chemical
- Industrial

## Applications

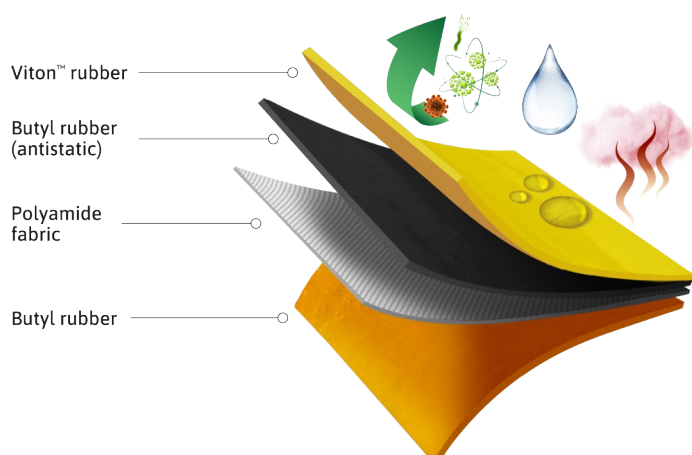
- Maintenance of plant and machines
- Plant Emergencies
- Unexpected leakages, spills
- Accidental release of toxic gases
- Biohazard response
- Unexpected leakages spills or other releases
- Tank Cleaning
- CBRN Emergencies
- Chemical leaks
- Emergency Response
- Hazmat response

## KEY FEATURES & BENEFITS

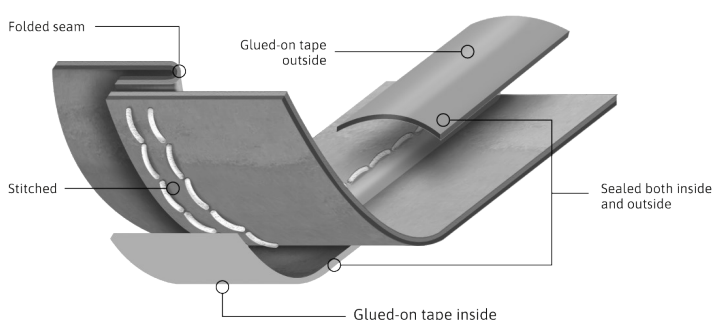
- **External air source:** Longer wear, greater comfort
- **Butyl and Viton™ rubber coating:** High chemical resistance\*
- **ATEX compliance:** Suitable for work in explosive atmospheres

*\*including against alkalis, strong acids (e.g. hydrofluoric acid), petrochemicals, chlorinated solvents, aromatics and oils*

## Material Diagram



## Seam Diagram



Performance Standards



Product Information

| Product Information |                                                                                                                                                                                                                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Available Sizes     | 2XS, XS, S, M, L, XL, 2XL, 3XL                                                                                                                                                                                                                                                                                               |
| Color               | Yellow                                                                                                                                                                                                                                                                                                                       |
| Country Of Origin   | Lithuania                                                                                                                                                                                                                                                                                                                    |
| Packaging Overview  | Individually Packed                                                                                                                                                                                                                                                                                                          |
| Product Material    | Outer: Butyl rubber and a top layer of Viton rubber coated on polyamide fabric Inner: Butyl rubber                                                                                                                                                                                                                           |
| Product Reference   | SUPER FREEFLOW                                                                                                                                                                                                                                                                                                               |
| Standards Overview  | <ul style="list-style-type: none"> <li>• EN 943-1:2015 + A1:2019</li> <li>• EN 1073-1:2016 &amp; A1:2018</li> <li>• EN 14126:2003 (infective agent protection)</li> <li>• EN 1149-5:2008 (antistatic suit material)</li> <li>• Approved for use in ATEX zones 0, 1, 2/20, 21, 22 and chemical group IIA, IIB, IIC</li> </ul> |
| Seam Type           | Stitched and sealed with a glued-on tape on both inside and outside                                                                                                                                                                                                                                                          |
| Shelf Life          | 10 años                                                                                                                                                                                                                                                                                                                      |

## 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>               | <p>• Visor type CV • Made from a rigid 2 mm impact and chemical resistant PVC • Covered by a replaceable, antistatic Tear-off/ATEX lens;</p>                                                                                                                                                                                                                                                                                 |
| <b>Gloves And Attachments</b>            | <p>AlphaTec® 38-628 Viton/Butyl rubber gloves in combination with rubber cuffs for added safety. Other glove options are available. The gloves are attached with the AlphaTec® Bayonet glove ring system, which offers quick and simple glove exchange.</p>                                                                                                                                                                  |
| <b>Footwear And Attachments</b>          | <p>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.</p>                                                                                                                                                                 |
| <b>Zipper</b>                            | <p>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.</p>                                                                                                                                                                                                                                    |
| <b>Ventilation</b>                       | <p>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.</p>                                                                                                                               |
| <b>Optional Features And Accessories</b> | <p>• Anti-fog lens, • AlphaTec® Hands-free Visor Light system, • Internal waist belt &amp; leg shortener for size adjustment, • Inside pockets &amp; loops for radio, PTT etc., • D-ring for holding small measuring instruments &amp; tools, • Customized marking, e.g. digits, letters, logos, • AlphaTec® 58-800 Overglove for improved cut &amp; puncture resistance, • Other accessories are available upon request</p> |
| <b>Included With Each Delivery</b>       | <p>• 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</p>                                                           |

For additional information 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

**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

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending: [www.ansell.com/patentmarking](http://www.ansell.com/patentmarking) © 2025 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

