

Previously known as: MICROCHEM® 5000 AVANT AIRline Hood - Model 521

Ultra-lightweight, air-fed respirator hood ensuring chemical protection.

- **Advanced defenses:** The AlphaTec® 5000 AVANT AIRline HOOD Ultrasonically Welded & Taped - Model 521 provides superb chemical permeation resistance against a wide range of inorganic chemicals
- **Elevated comfort:** This ultra-lightweight hood is fitted with an attached adjustable air flow regulator providing 150 - 300 liters per minute at a working pressure of 3.5 - 5.5 bar
- **Enhanced view:** To improve personal protection, the AlphaTec® 5000 AVANT AIRline HOOD Ultrasonically Welded & Taped - Model 521 features a panoramic visor design with 180-degree view
- **Increased visibility:** Owing to its highly visible orange color, this safety hood also increases workplace safety
- **Added safety:** In addition, it provides an in-built AlphaTec™ Flow Control Valve and Low Flow Alarm unit, which features the AlphaTec™ Low Flow Alarm whistle that produces > 90dB (A) sound pressure and conforms to EN14594: 2005 clause 6.11.



Industries

- Chemical
- Life Sciences
- Mining
- Oil and gas
- Fire and Rescue

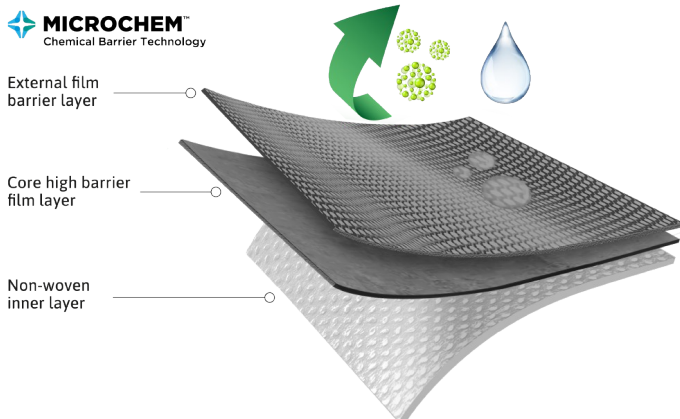
Applications

- Contaminated Environments
- Chemical Handling
- Filling, blending and charging of raw materials
- Opening and draining pumps valves or lines
- Loading and unloading of proces equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Assembly and disassembly of large pipes
- Unexpected leakages spills or other releases

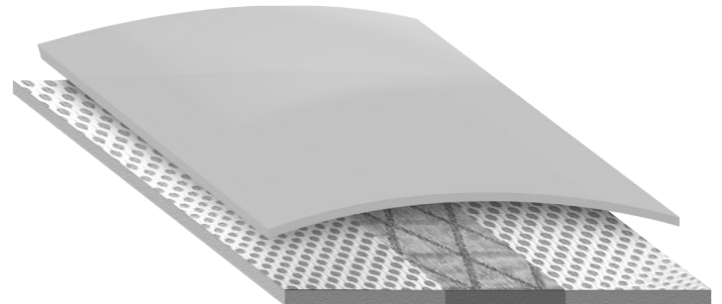
KEY FEATURES & BENEFITS

- **Superb chemical resistance:** Protects from various inorganic chemicals
- **Ultra-lightweight:** Increased comfort for extended wear
- **Panoramic visor design:** For unhindered 180-degree view

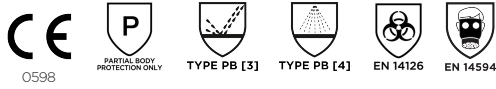
Material Diagram



Seam Diagram



Performance Standards



Product Information

| Product Information | |
|---------------------|---|
| Available Sizes | One Size |
| Color | Orange |
| Country Of Origin | China |
| Packaging Overview | Individually Packed |
| Product Material | Multi-layer non-woven barrier Laminate fabric |
| Product Reference | 5000 AVANT AIRline Hood - Model 521 |
| Standards Overview | CE CATEGORY III (Type PB [3]-B, Type PB [4]-B, EN 1073-1, EN 14126, EN 14594) |
| Seam Type | Welded and Taped |
| Shelf Life | 5 years |
| Style Number | O500521 |

Suit components & accessories

Suit Components and Accessories

Design Features

AlphaTec® 5000 AVANT Air-Fed Hood c/w belt mounted AlphaTec® flow control valve and low flow warning whistle. Flow rate adjustable from 150 to 300 litres per minute at a working pressure of 3 to 5 bar. T000(O521) version has a 1/4" female parallel thread for addition of the users preferred airline connector. TA00(A521) version comes with pre-fitted CEJN-342 Connector. TB00(B521) version comes with a pre-fitted AQR06 Connector. Panoramic PET Semi rigid multi-layer visor. Polyester waist belt and YKK buckle.

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

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 © 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.

