

### 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

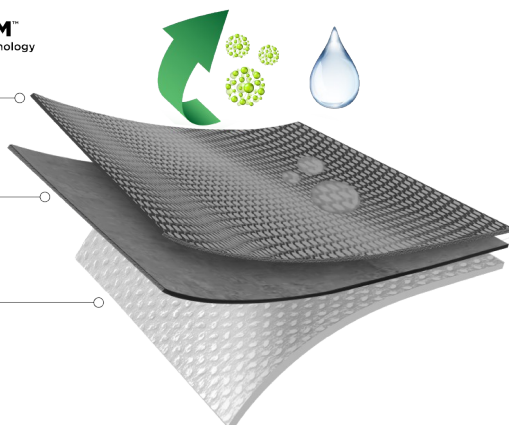
## Material Diagram



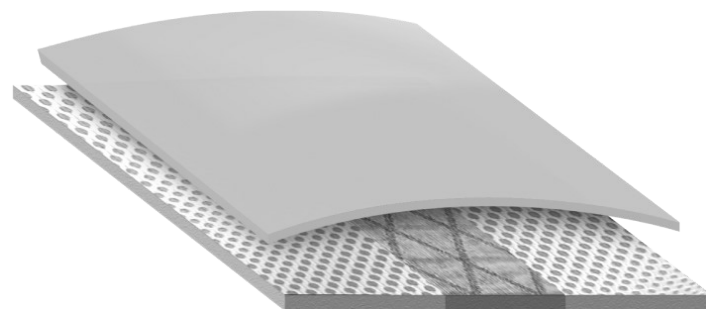
External film barrier layer

Core high barrier film layer

Non-woven inner layer



## 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(0521) version has a ¼" 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.

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