

Previously known as: MICROCHEM® 4000 Trousers - Model 301

### Protective trousers offering innovative, multi-layer chemical barrier technology.

- **Increased defenses:** Featuring a lightweight yet robust textile feel, the AlphaTec® 4000 Trousers Ultrasonically Welded & Taped – Model 301 grants superior personal protection, with over 200 chemicals permeation tested, including chemical warfare agents
- **Enhanced protection:** Designed to protect, this protective garment shields against a wide range of organic and inorganic chemicals as well as biological agents
- **Reduced contamination risks:** Owing to its silicone-free design, this chemical protective garment lowers the risk of contamination



## Industries

- Chemical
- Life Sciences
- Mining
- Fire and Rescue
- Energy
- Automotive Aftermarket
- Food Processing

## Applications

- Contaminated Environments
- Chemical Handling
- Filling, blending and charging of raw materials
- Transferring liquids and solids
- Opening and draining pumps valves or lines
- Loading and unloading of process equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of equipment

## KEY FEATURES & BENEFITS

- **Excellent chemical resistance:** Protects from more than 200 chemicals
- **Designed to protect:** Shields from chemical and biological hazards
- **Free from silicone:** Reduces the risk of contamination

## Technology



**MICROCHEM™**

Chemical Barrier Technology

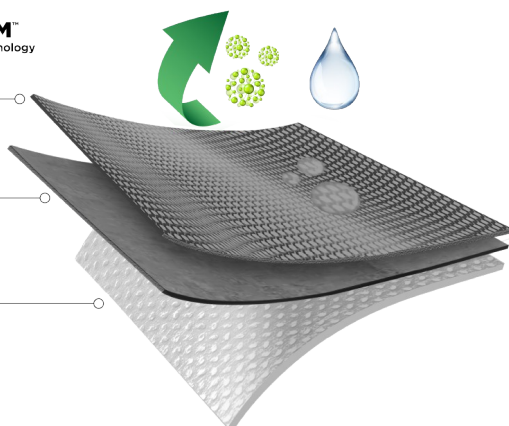
## Material Diagram



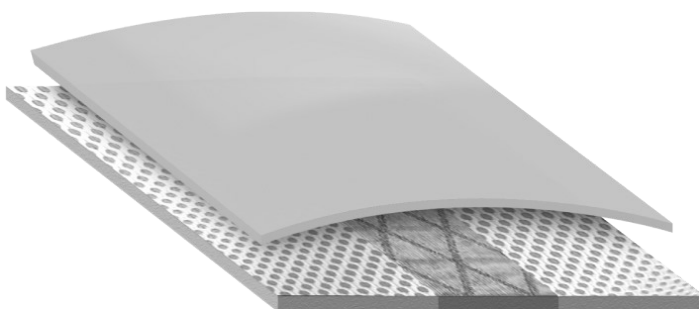
External film barrier layer

Core high barrier film layer

Non-woven inner layer



## Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL
Color	Green
Country Of Origin	China
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	4000 Trousers - Model 301
Standards Overview	CE CATEGORY III (Type PB [3]-B, Type PB [4]-B, EN 14126)
Seam Type	Welded and Taped
Shelf Life	5 years
Style Number	G40T301

Suit components & accessories

Suit Components and Accessories	
Design Features	Elasticated to waist and ankles, no pockets, welded and taped seams.

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