

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

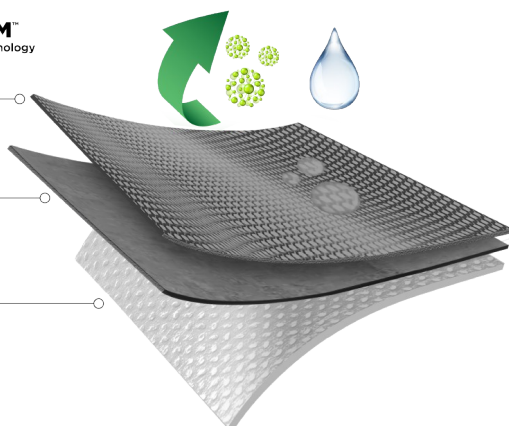
Material Diagram



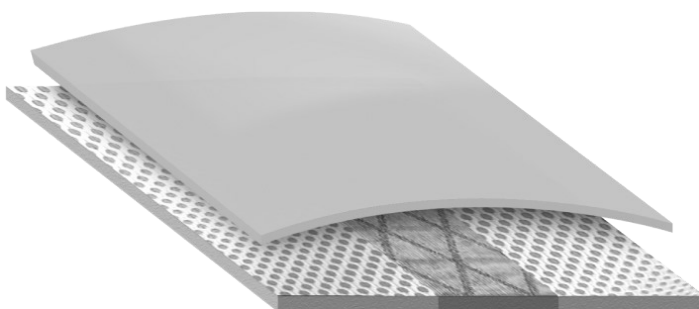
External film barrier layer

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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