

5000 - Model 198

Durable, highly visible, multi-layer chemical barrier technology, Type 3/4/5 protection

Previously known as: MICROCHEM® 5000 - Model 198

Orange protective suit granting a multi-layer chemical barrier for Type 3/4/5 protection.

- **Heightened defenses:** The AlphaTec® 5000 Ultrasonically Welded & Taped - Model 198 offers excellent permeation performance to numerous organic and inorganic chemicals, biological hazards and chemical warfare agents
- **Advanced protection:** Thanks to its excellent barrier protection, this protective body suit provides more than 480 minutes of breakthrough time against 14 of 15 chemicals listed in EN ISO 6529
- **Increased visibility and safety:** To enhance worker safety, this chemical protective suit is produced in bright orange color to ensure high visibility, while its welded and taped seams afford a superior barrier to liquids and particulates
- **Added features:** In addition to granting chemical resistance, this orange hazmat suit also protects via typical innovative features such as dual zip systems, which complement a multi-layer barrier material that is lightweight yet durable
- **Assured product integrity:** An anti-static suit, AlphaTec® 5000 Ultrasonically Welded & Taped - Model 198 has been tested according to EN 1149-5 requirements



Industries

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

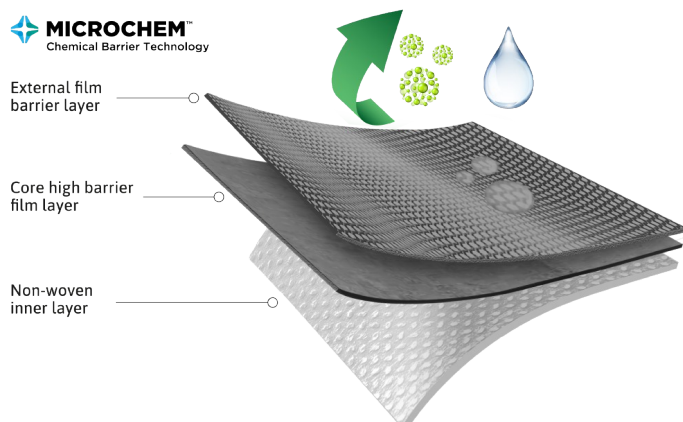
Applications

- 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 large pipes
- Unexpected leakages spills or other releases

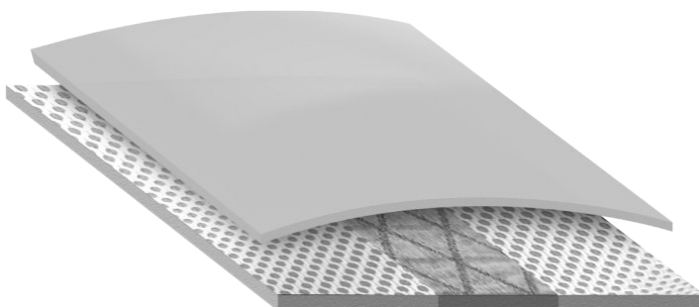
KEY FEATURES & BENEFITS

- **Superb permeation performance:** Greater chemical protection assured
- **Strong chemical barrier:** For exceptional barrier protection
- **Bright orange color:** Optimal personal protection

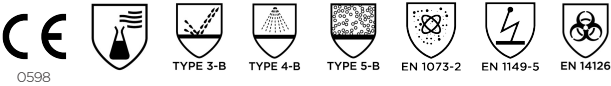
Material Diagram



Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	Orange
Country Of Origin	China
Models Available	103, 111, 122, 125-G02
Packaging Overview	Individually packaged
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	5000 - Model 198
Standards Overview	CE CATEGORY III (Type 3-B, Type 4-B, Type 5-B, EN 1073-2, EN 14126, EN 1149-5)
Seam Type	Welded and Taped
Shelf Life	5 years
Style Number	O50T198

Suit components & accessories

Suit Components and Accessories	
Design Features	Coverall with bound collar, double zip closure. Adjustable velcro fastening to outer double cuffs (knitted inner cuffs). Elasticated waist and inner ankles. Boots flaps and stirrups to legs.

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