

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
- Oil and gas
- Automotive Aftermarket
- Food Processing

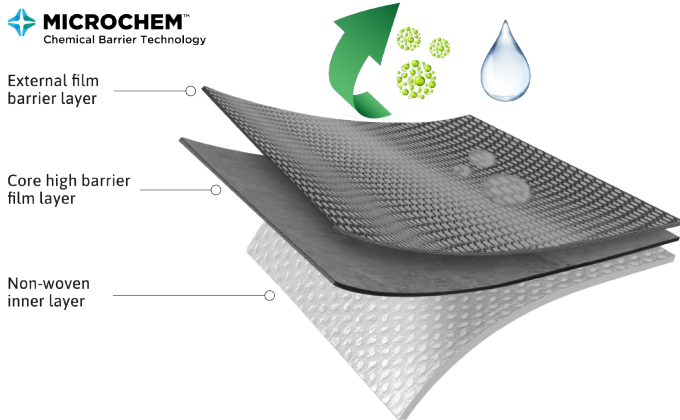
## Applications

- 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 proces equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of large pipes
- Unexpected leakages spills or other releases

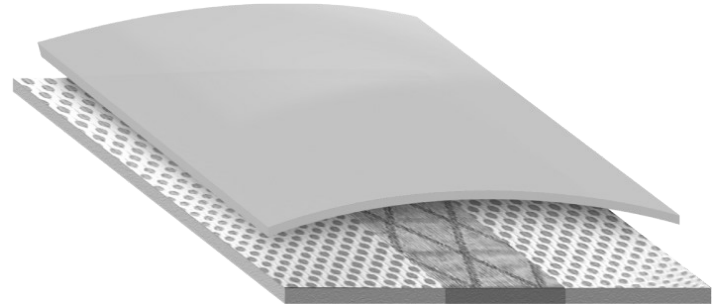
## KEY FEATURES & BENEFITS

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

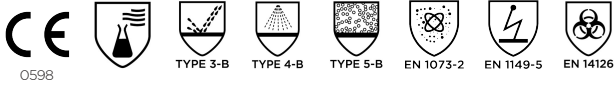
## Material Diagram



## 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

Overall 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.

**For additional information visit us at [www.ansell.com](http://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](http://www.ansell.com/patentmarking) © 2024 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.

