

Previously known as: MICROCHEM® 5000 - Model 111

### Multi-layer high-visibility chemical-protective suit, resistant to chemicals and biological hazards.

- Specialized protection:** The AlphaTec® 5000 Ultrasonically Welded & Taped - Model 111 is a heavy-duty, multi-layer protective suit, highly resistant to chemicals\*, biological hazards and chemical warfare agents
- Improved visibility:** Also usable as a HAZMAT suit by HAZMAT response teams, this chemical-protective suit is bright orange in color, making it noticeable and enhancing worker and workplace safety
- Heightened defenses:** Its taped and welded seams ensure robust defenses against particulates and liquids
- Enhanced features:** This protective suit features an elasticated hood, waist, ankles and outer cuffs, as well as safety-boosting dual-zip systems, a wear life-extending double zip enclosure, double cuffs and comfort-enhancing knitted inner cuffs
- Certified antistatic capabilities:** In addition, this full-body protection suit also satisfies EN 1149-5 antistatic standards

\*CE Category III Type 3/4/5 protection



## Industries

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

## Applications

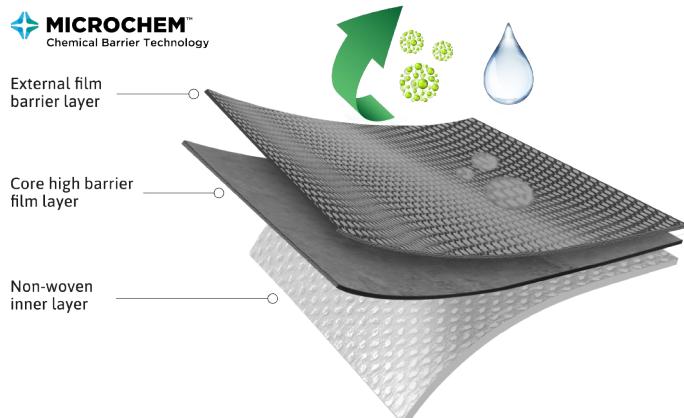
- Contaminated Environments
- Chemical Handling
- Filling, blending and charging of raw materials
- Transferring liquids and solids
- Opening and draining pumps valves or lines
- Loading and unloading of process equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat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

## KEY FEATURES & BENEFITS

- **Permeation barrier:** Resists chemicals/biohazards/chemical warfare agents\*
- **Highly visible orange color:** For greater worker and workplace safety
- **Double zip enclosure:** Enhanced wear life

\*>480-minute breakthrough time against 14 of the 15 chemicals listed in EN ISO 6529

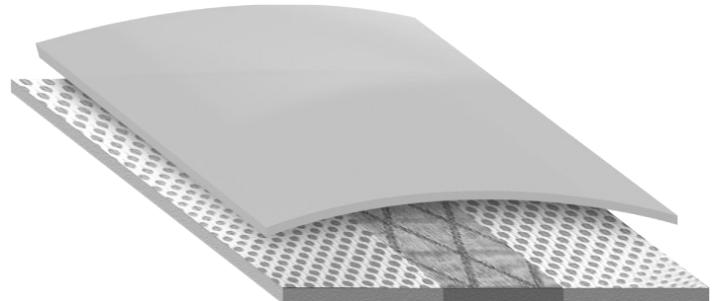
## Material Diagram



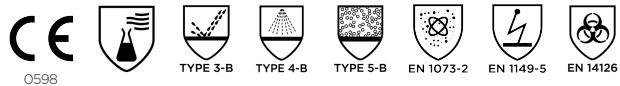
## Technology



## Seam Diagram



## Performance Standards



## Product Information

Product Information	
<b>Available Sizes</b>	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
<b>Color</b>	Orange
<b>Country Of Origin</b>	China
<b>Models Available</b>	103, 122, 125-G02, 198
<b>Packaging Overview</b>	Individually Packed
<b>Product Material</b>	Multi-layer non-woven barrier Laminate fabric
<b>Product Reference</b>	5000 - Model 111
<b>Standards Overview</b>	CE CATEGORY III (Type 3-B, Type 4-B, Type 5-B, EN 1073-2, EN 14126, EN 1149-5)
<b>Seam Type</b>	Welded and Taped
<b>Shelf Life</b>	5 años
<b>Style Number</b>	O50T111

## Suit components & accessories

### Suit Components and Accessories

#### Design Features

Coverall with 2-piece hood, double zip closure, double cuffs with knitted inner cuff. Elasticated hood, outer cuffs, waist and ankles.

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

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