

5000 - Model 111

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

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 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

- **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

Technology



MICROCHEM™
Chemical Barrier Technology

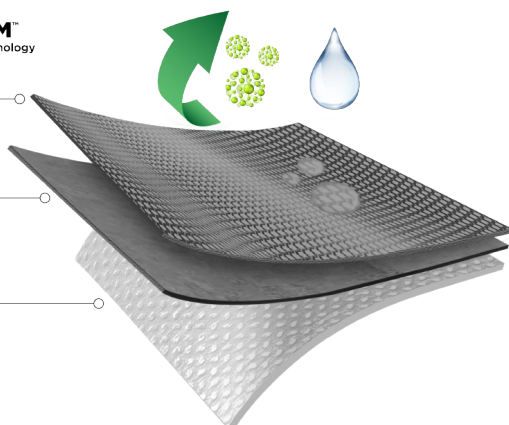
Material Diagram



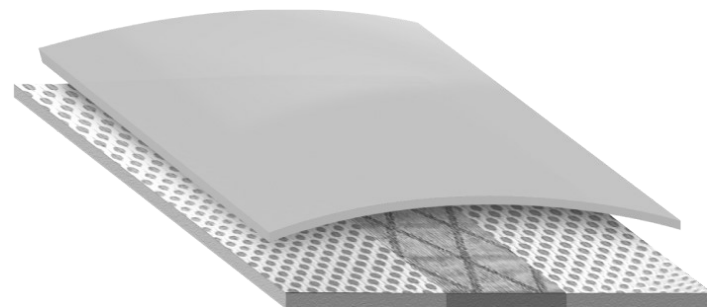
External film barrier layer

Core high barrier film layer

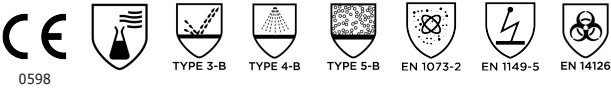
Non-woven inner layer



Seam Diagram



Performance Standards



Product Information

| Product Information | |
|---------------------|--|
| Available Sizes | S, M, L, XL, 2XL, 3XL, 4XL, 5XL |
| Color | Orange |
| Country Of Origin | China |
| Models Available | 103, 122, 125-G02, 198 |
| Packaging Overview | Individually Packed |
| Product Material | Multi-layer non-woven barrier Laminate fabric |
| Product Reference | 5000 - Model 111 |
| 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 años |
| Style Number | 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. |

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