

## 5000 - Model 103

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

Previously known as: MICROCHEM® 5000 - Model 103

### High-visibility multi-layer chemical-protective suit, guarding against chemicals and biological hazards.

- **Specialized protection:** The AlphaTec® 5000 Ultrasonically Welded & Taped - Model 103 is a multi-layer protective suit, ensuring superb barrier protection against chemicals\*, biological hazards and chemical warfare agents
- **Improved visibility:** This chemical-protective suit (usable as a HAZMAT suit by HAZMAT response teams) is designed with a highly visible orange color, for enhanced worker and workplace safety
- **Heightened defenses:** Its welded and taped seams also offer secure protection against liquids and particulates
- **Enhanced features:** Along with an elasticated hood, waist, ankles and outer cuffs, this protective suit features safety-enhancing dual-zip systems, a wear life-extending double zip enclosure and double cuffs, as well as comfortable knitted inner cuffs
- **Certified antistatic capabilities:** 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
- 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 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:** Chemical/biohazard/chemical warfare agent protection\*
- **Highly visible orange color:** Enhanced worker and workplace safety
- **Double zip enclosure:** Extended wear life

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

## Technology



**MICROCHEM™**

Chemical Barrier Technology

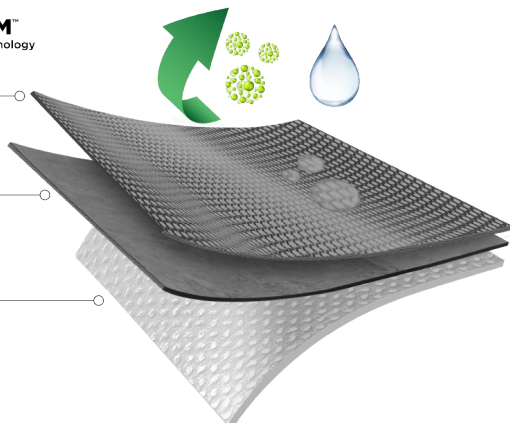
## Material Diagram



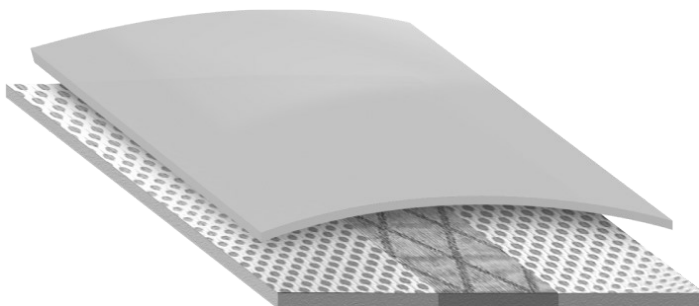
External film barrier layer

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    | 111, 122, 125-G02, 198   |
| Packaging Overview  | Individually Packed  |
| Product Material    | Multi-layer non-woven barrier Laminate fabric                                  |
| Product Reference   | 5000 - Model 103   |
| 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        | O50T103  |

Suit components & accessories

| Suit Components and Accessories |  |
|---------------------------------|--|
| Design Features                 | Coverall with collar, double zip closure, double cuffs with knitted inner cuff. Elasticated outer cuffs, waist and ankles. |

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