

## 5000 - Model 151

Rear entry chemical protective coverall with rubber face seal, Type 3/4/5 protection

Previously known as: MICROCHEM® by AlphaTec® 5000 - Model 151

### Heavy-duty, high-visibility chemical-protective suit, resistant to chemicals and biological hazards.

- **Specialized protection:** The AlphaTec® 5000 Ultrasonically Welded & Taped - Model 151 is a multi-layer protective suit, ensuring heavy-duty defenses against chemicals\*, biological hazards and chemical warfare agents
- **Improved visibility:** Thanks to its bright orange color, this chemical-protective suit remains noticeable and enhances workplace safety - it is also usable as a HAZMAT suit by HAZMAT response teams
- **Heightened defenses:** Welded and taped seams ensure it provides an even more robust barrier against particulate and liquid hazards
- **Enhanced features:** This protective suit also features a neoprene rubber face seal, fitting most full-face respirators, as well as safety-boosting dual-zip systems, rear horizontal zip entry, finger loops, and attached socks with boot overflaps
- **Certified antistatic capabilities:** In addition, it meets EN 1149-5 antistatic standards

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



## Industries

- Chemical
- Life Sciences
- Mining
- Fire and Rescue
- Energy
- Automotive Aftermarket
- Emergency Medical Services
- 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

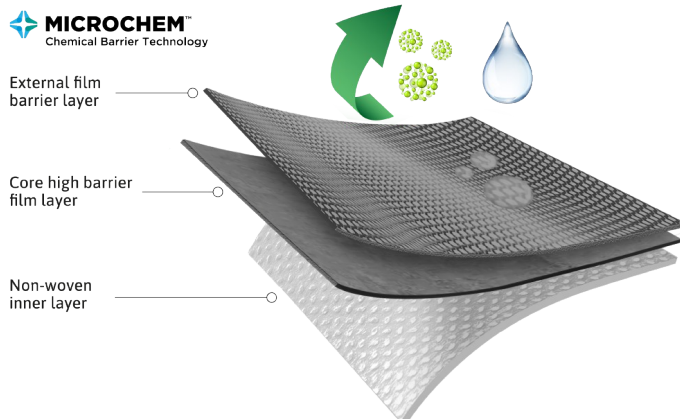
- **Permeation barrier:** Resists chemicals/biohazards/chemical warfare agents\*
- **Highly visible orange color:** For better worker and workplace safety
- **Taped and welded seams:** Robust against liquids and particulates

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

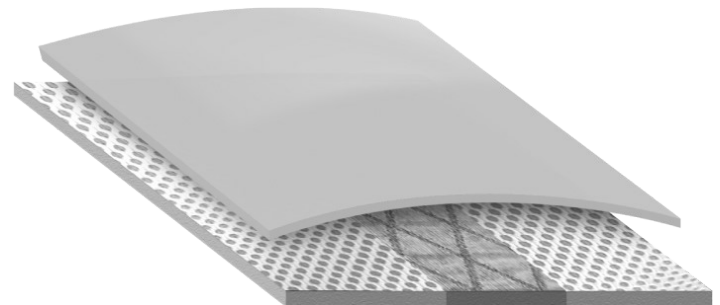
## Technology



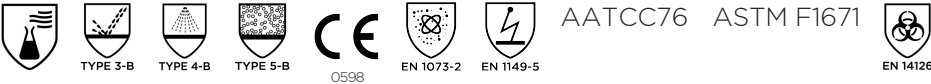
## Material Diagram



## Seam Diagram



Performance Standards



Product Information

| Product Information |                                                                                |
|---------------------|--------------------------------------------------------------------------------|
| Available Sizes     | S, M, L, XL, 2XL, 3XL, 4XL, 5XL                                                |
| Color               | Orange                                                                         |
| Country Of Origin   | China                                                                          |
| Packaging Overview  | Individually Packed                                                            |
| Product Material    | Multi-layer non-woven barrier Laminate fabric                                  |
| Product Reference   | 5000 - Model 151                                                               |
| 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        | O50T151                                                                        |

Suit components & accessories

| Suit Components and Accessories |                                                                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Design Features                 | Neoprene rubber face seal, rear horizontal zip entry, ultrasonically welded and taped seams and attached socks with boot overlap. |

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