

Previously known as: MICROCHEM® 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

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

Applications

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

KEY FEATURES & BENEFITS

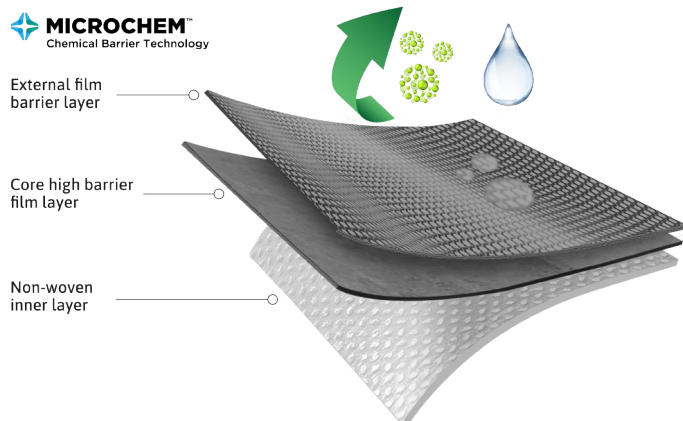
- **Permeation barrier:** Resists chemicals/biohazards/chemical warfare agents*
- **Highly visible orange color:** For better worker and workplace safety
- **Taped and welded seams:** Robust against liquids and particulates

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

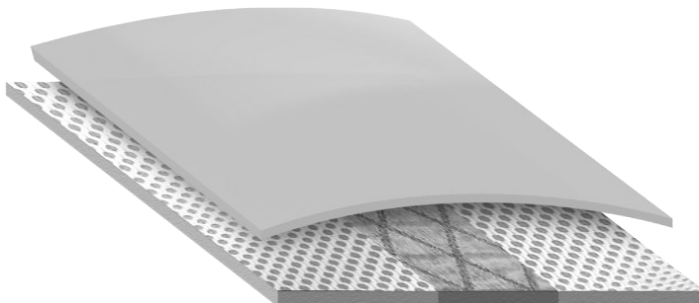
Technology



Material Diagram



Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	Orange
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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