

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
- Oil and gas
- Automotive Aftermarket
- Emergency Medical Services
- Food Processing

Applications

- Contaminated Environments
- Chemical Handling
- Filling, blending and charging of raw materials
- Transferring liquids and solids

Unexpected leakages

spills or other releases

- 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

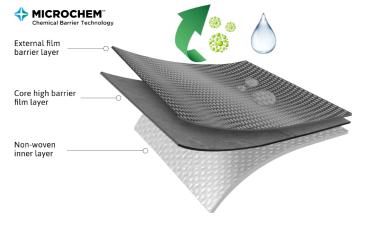
Technology



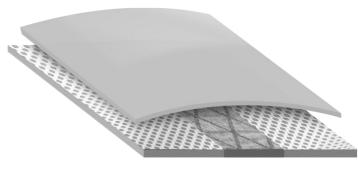
KEY FEATURES & BENEFITS

- 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

Material Diagram



Seam Diagram





Performance Standards















TYPE 3-B TYPE 4-B TYPE 5-B CE EN 1073-2 EN 1149-5 AATCC76 ASTM F1671



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 overflap.

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