

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
- 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

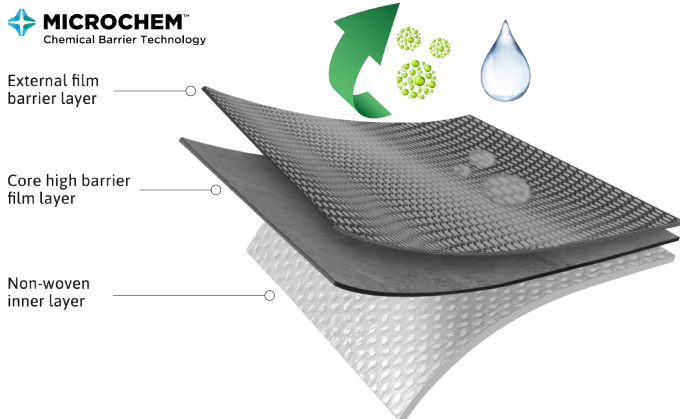
- **Permeation barrier:** Resists chemicals/biohazards/chemical warfare agents*
- **Highly visible orange color:** For better worker and workplace safety
- **Taped and welded seams:** Robust against liquids and particulates

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

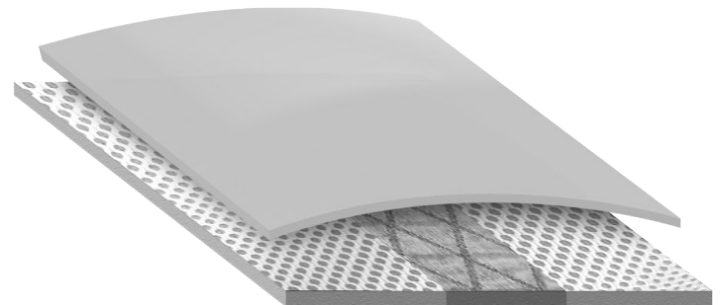
Technology



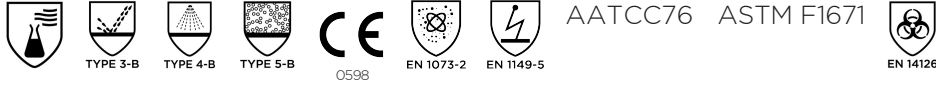
Material Diagram



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 overflap.

For additional information visit us at www.ansell.com, or call us at

Europe, Middle East & Africa Region

Ansell Healthcare Europe NV
T: +32 (0) 2 528 74 00

North America Region

Ansell Healthcare Products LLC
T: +1 800 800 0444

Australia

Ansell Limited
T: +61 1800 337 041

Asia Pacific Region

Ansell Global Trading Center
T: +603 8310 6688

Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.
T: +52 442 248 1544 / 248 3133

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending; www.ansell.com/patentmarking © 2024 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

