

Previously known as: MICROCHEM® by AlphaTec® 5000 - Model 151-G02

Developed as a lightweight, Type 3 chemical protection solution for first responders and the emergency services..

- **Specialized protection:** The AlphaTec® 5000 Ultrasonically Welded & Taped - Model 151-G02 is a multi-layer rear-entry protective suit, resistant to chemicals, biological hazards and chemical warfare agents
- **Improved visibility:** Due to its bright orange in color, this chemical protective suit is highly noticeable, which enhances workplace safety, and is also usable as a HAZMAT suit
- **Heightened defenses:** Protection against liquid and particulate hazards is further enhanced by this protective suit's welded and taped seams
- **Enhanced features:** It features a neoprene rubber face seal that fits most full-face respirators, attached socks with boot overflaps, rear horizontal zip entry, as well as attached Ansell barrier gloves with oversleeves and finger loops
- **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
- 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

KEY FEATURES & BENEFITS

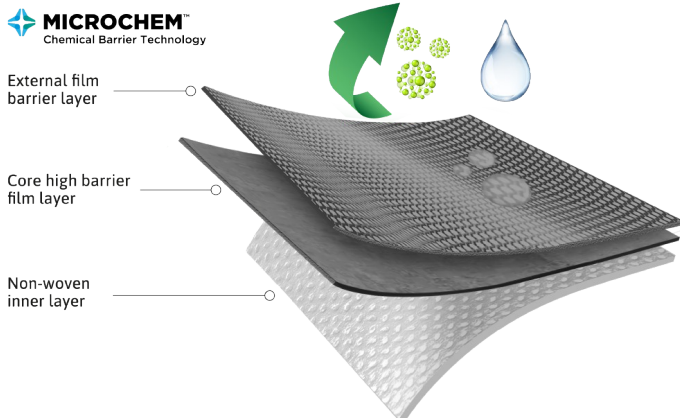
- **Permeation barrier:** Resists harmful chemicals* and biohazards
- **Highly visible orange color:** For reduced workplace injuries
- **Taped and welded seams:** Robust particulate and liquid resistance

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

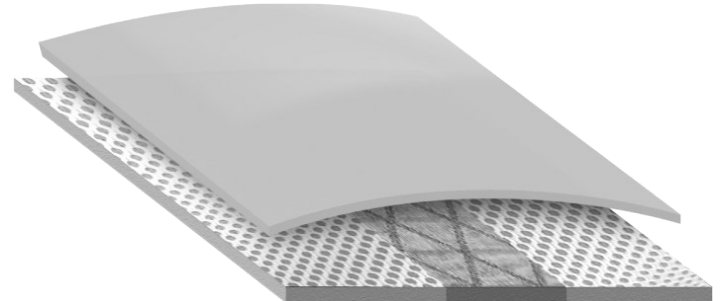
Technology



Material Diagram



Seam Diagram



Performance Standards



AATCC76

ASTM F1671



NFPA 1992

EN 14126

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-G02
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	O50T151B

Suit components & accessories

Suit Components and Accessories	
Design Features	Neoprene rubber face seal, rear horizontal zip entry, ultrasonically welded and taped seams. Attached socks with boot overflap and attached Ansell AlphaTec® 02-100 Gloves with oversleeves and finger loops.
Gloves And Attachments	AlphaTec® 02-100

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

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