

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

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

Applications

- Transferring liquids and solids
- 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

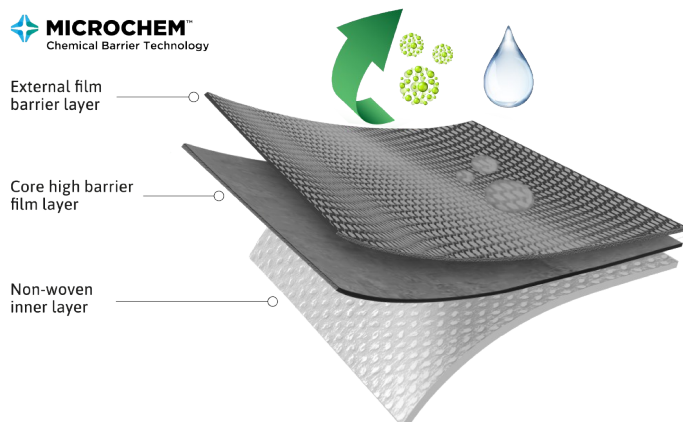
- ◊ **Permeation barrier:** Resists harmful chemicals* and biohazards
 - ◊ **Highly visible orange color:** For reduced workplace injuries
 - ◊ **Taped and welded seams:** Robust particulate and liquid resistance
- *>480-minute breakthrough time against 14 of the 15 chemicals listed in EN ISO 6529*

Technology

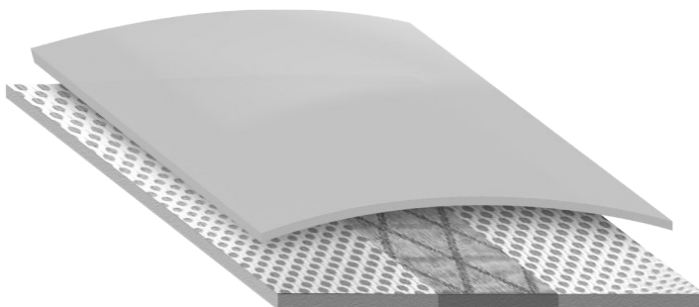


MICROCHEM™
Chemical Barrier Technology

Material Diagram



Seam Diagram



Performance Standards


0598


TYPE 3-B


TYPE 4-B


TYPE 5-B


EN 1073-2


EN 1149-5

AATCC76

ASTM F1671


EN 14126



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-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 in formation 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 © 2025 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.