Previously known as: MICROCHEM® 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
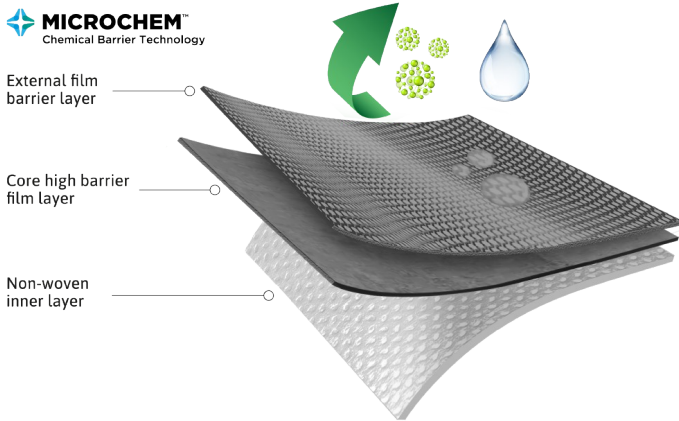- Assembly and disassembly of large pipes

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

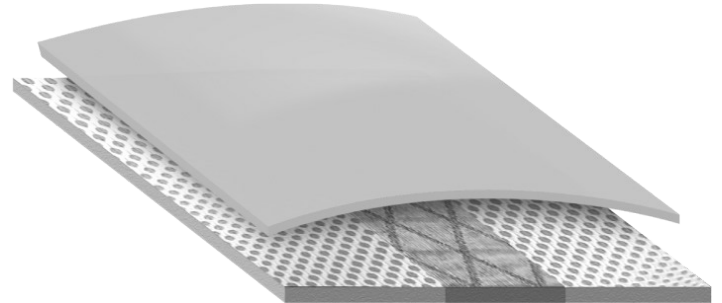*>480-minute breakthrough time against 14 of the 15 chemicals listed in EN ISO 6529*

Technology

MICROCHEM™
Chemical Barrier Technology

Material Diagram

MICROCHEM™
Chemical Barrier Technology

External film barrier layer

Core high barrier film layer

Non-woven inner layer

Seam Diagram

Performance Standards

CE 0598 | TYPE 3-B | TYPE 4-B | TYPE 5-B | EN 1073-2 | EN 1149-5 | EN 14126 | NFPA 1992

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 in formation visit us at www.ansell.com, or call us at

Ansell