

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 process equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of large pipes

## KEY FEATURES & BENEFITS

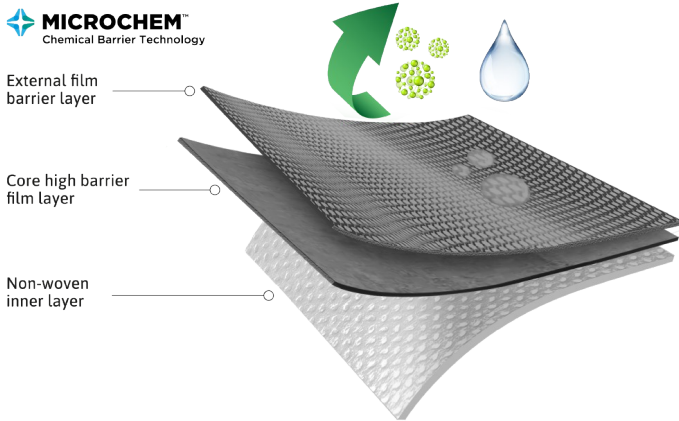
- **Permeation barrier:** Resists harmful chemicals\* and biohazards
- **Highly visible orange color:** For reduced workplace injuries
- **Taped and welded seams:** Robust particulate and liquid resistance

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

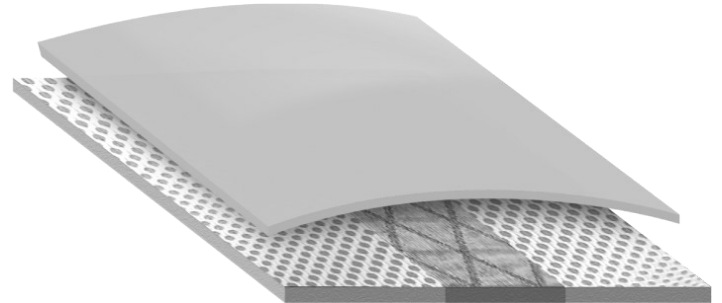
## Technology



## Material Diagram



## Seam Diagram



## Performance Standards



NFPA 1992

0598

TYPE 3-B

TYPE 4-B

TYPE 5-B

EN 1073-2

EN 1149-5

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	
<b>Design Features</b>	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.
<b>Gloves And Attachments</b>	AlphaTec® 02-100

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