

## 4000 - Model 151

Innovative multi-layer chemical barrier technology, Type 3/4/5 protection

Previously known as: MICROCHEM® by AlphaTec® 4000 - Model 151-G02

### Rear-entry multi-layer chemical-protective suit, offering a barrier against over 200 chemicals.

- **Specialized protection:** The AlphaTec® 4000 Ultrasonically Welded & Taped - Model 151-G02 is a heavy-duty, rear-entry protective suit, tested for protection against over 200 chemicals\*, from concentration chemicals and biological hazards to chemical warfare agents
- **Improved fit:** Thanks to its neoprene rubber face seal, this chemical-protective suit ensures a close fit to full-face respirators
- **Heightened defenses:** Its welded and taped seams offer a strong, robust barrier to liquids and particulates
- **Enhanced features:** This AlphaTec® protective suit also features knitted inner cuffs and inner textile-type fabric, improving wearer comfort, while attached socks and a boot overflap make for greater coverage
- **Certified antistatic capabilities:** It is tested against 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

- **Extensive permeation testing:** Resistance to numerous chemicals\*
- **Neoprene rubber face seal:** A close fit to full-face respirators
- **Welded and taped seams:** Protection against liquids and particulates

\*including chemical warfare agents

## Technology



**MICROCHEM™**

Chemical Barrier Technology

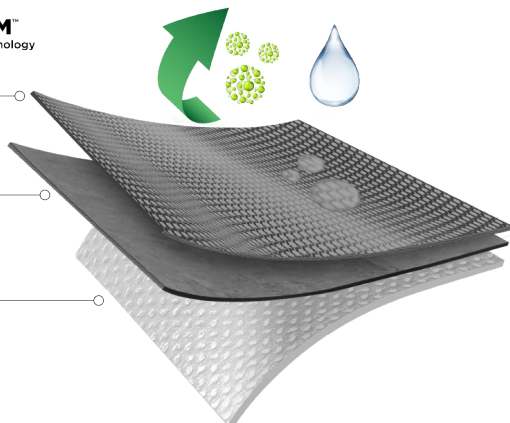
## Material Diagram



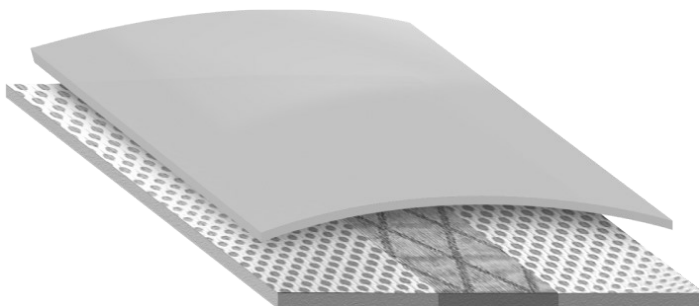
External film barrier layer

Core high barrier film layer

Non-woven inner layer



## Seam Diagram



Performance Standards

  
TYPE 3-B

  
TYPE 4-B

  
TYPE 5-B

  
0598

  
EN 1073-2

AATCC76



ASTM F1671

  
EN 14126

EN ISO 13688:2013

NFPA 1992

Product Information

Product Information	
Available Sizes	M, L, XL, 2XL, 3XL, 4XL, 5XL, S
Color	Green
Country Of Origin	China
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	4000 - 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	G40T151B

Suit components & accessories

Suit Components and Accessories	
Design Features	Neoprene rubber face seal, rear horizontal zip entry, ultrasonically welded and taped seams and attached AlphaTec 02-100 gloves and socks with boot overflap.

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