

## 4000 - Model 125

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

Previously known as: MICROCHEM® by AlphaTec® 4000 - Model 125

**Heavy-duty multi-layer protective suit, guarding against more than 200 chemical hazards.**



## Industries

- Chemical
- Fire and Rescue
- Food Processing
- Life Sciences
- Mining
- Oil and gas
- Raw material preparation
- Automotive Aftermarket

## 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 handling
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of equipment

## KEY FEATURES & BENEFITS

- Exceptional protection, over 200 chemicals permeation tested, including chemical warfare agents
- Designed to protect, typical innovative features include dual zip systems and double cuffs
- Welded and taped seams, our highest barrier to liquids and particulates
- Enhanced comfort, knitted inner cuffs and inner textile type fabric improves wearer acceptance
- Anti-static, tested according to EN 1149-5

## Technology



**MICROCHEM™**  
Chemical Barrier Technology

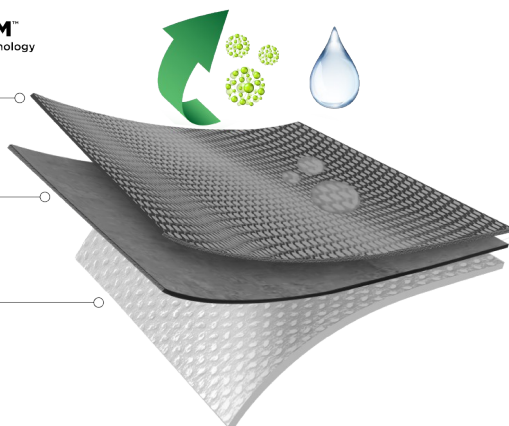
## Material Diagram



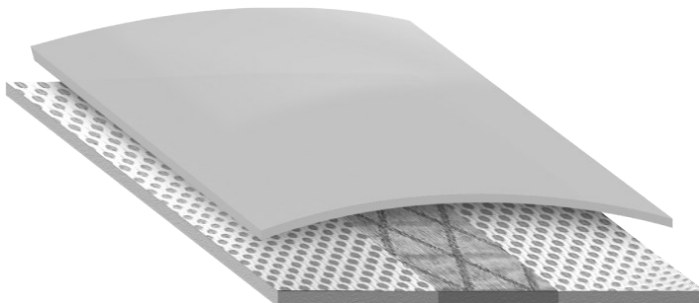
External film barrier layer

Core high barrier film layer

Non-woven inner layer



## Seam Diagram



Performance Standards

  
TYPE 3-B

  
TYPE 4-B

  
TYPE 5-B

AATCC76

  
0598

  
EN 1073-2



ASTM F1671

  
EN 14126

EN ISO 13688:2013



NFPA 1992

Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	Green
Country Of Origin	China
Models Available	103, 111, 121, 122, 125-G05, 132, 162
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	4000 - Model 125
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	G40T125D

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