

## 4000 - Model 121

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

Previously known as: MICROCHEM® 4000 - Model 121

### Robust multi-layer protective suit, providing a barrier against over 200 chemicals.

- **Specialized protection:** The AlphaTec® 4000 Ultrasonically Welded & Taped - Model 121 is a full body protection suit, permeation-tested to shield wearers from more than 200 chemicals\*, including chemical warfare agents
- **Enhanced defenses:** Featuring double cuffs, double zip closure and attached AlphaTec® 02-100 barrier gloves, this protective suit offers a truly secure barrier
- **Increased strength:** This chemical protective suit's welded and taped seams increase its strength and durability
- **Optimized comfort:** In addition, its knitted inner cuffs and inner textile-type fabric improve wearer comfort
- **Improved fit:** Owing to its elasticated two-piece hood, waist and ankles, the AlphaTec® 4000 Ultrasonically Welded & Taped - Model 121 grants easy donning and doffing
- **Certified antistatic capabilities:** This full chemical protection suit is also tested against EN 1149-5 and AATCC 76 antistatic standards

\*CE Category III Type 3/4/5 protection



## Industries

- Chemical
- Life Sciences
- Mining
- Fire and Rescue
- Oil and gas
- Automotive Aftermarket
- 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 equipment

## KEY FEATURES & BENEFITS

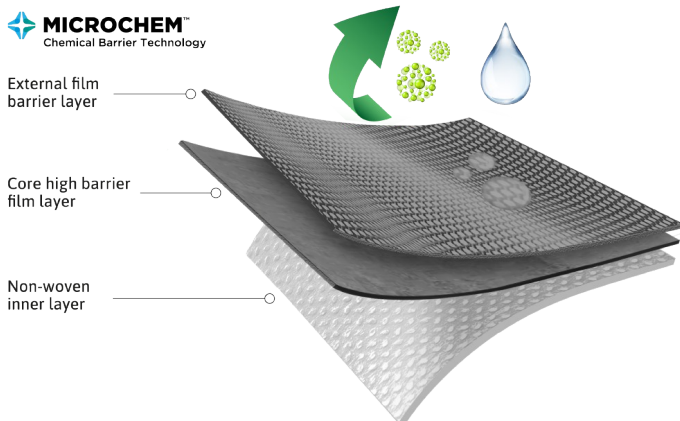
- **Comprehensive permeation testing:** Extensive chemical resistance\*
- **Dual-zip systems and double cuffs:** Increased personal protection
- **Welded and taped seams:** For a solid, heavy-duty protective barrier

\*including against chemical warfare agents

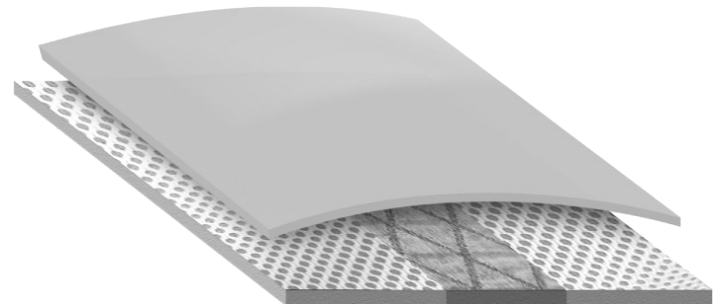
## Technology



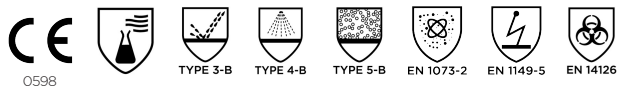
## Material Diagram



## Seam Diagram



## Performance Standards



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, 122, 125, 132, 162
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	4000 - Model 121
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	G40T121

## Suit components & accessories

Suit Components and Accessories	
<b>Design Features</b>	2-piece hood, double cuffs, double zip closure, elasticated hood, waist and ankles. Attached AlphaTec® O2-100 Gloves.
<b>Gloves And Attachments</b>	AlphaTec® O2-100

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