

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 proces equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of equipment

## KEY FEATURES & BENEFITS

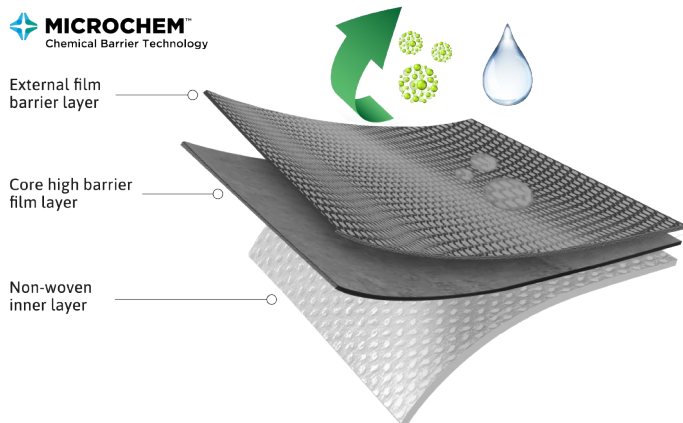
- **Comprehensive permeation testing:** Extensive chemical resistance\*
- **Dual-zip systems and double cuffs:** Increased personal protection
- **Welded and taped seams:** For a solid, heavy-duty protective barrier

*\*including against chemical warfare agents*

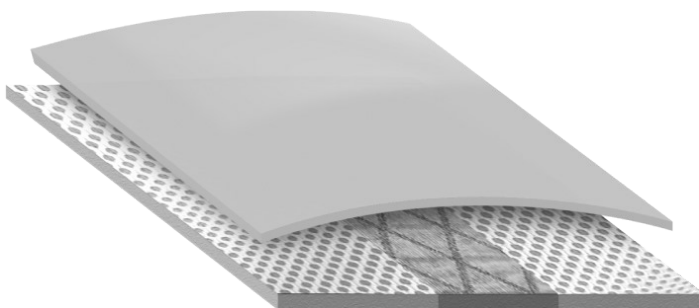
## Technology



## 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 |   |
|---------------------------------|---|
| Design Features                 | 2-piece hood, double cuffs, double zip closure, elasticated hood, waist and ankles. Attached AlphaTec® 02-100 Gloves. |
| Gloves And Attachments          | AlphaTec® 02-100  |

For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

**Europe, Middle East & Africa Region**  
Ansell Healthcare Europe NV  
T: +32 (0) 2 528 74 00

**North America Region**  
Ansell Healthcare Products LLC  
T: +1 800 800 0444

**Australia**  
Ansell Limited  
T: +61 1800 337 041

**Asia Pacific Region**  
Ansell Global Trading Center  
T: +603 8310 6688

**Latin America & Caribbean Region**  
Ansell Commercial Mexico S.A. de C.V.  
T: +52 442 248 1544 / 248 3133

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending: [www.ansell.com/patentmarking](http://www.ansell.com/patentmarking) © 2024 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

