

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

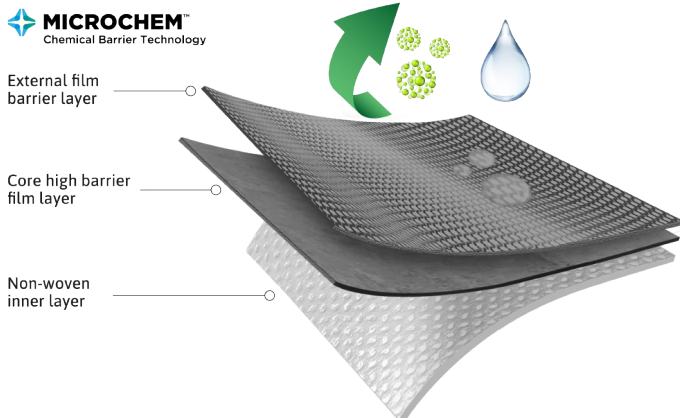
- **Comprehensive permeation testing:** Extensive chemical resistance*
- **Dual-zip systems and double cuffs:** Increased personal protection
- **Welded and taped seams:** For a solid, heavy-duty protective barrier

*including against chemical warfare agents

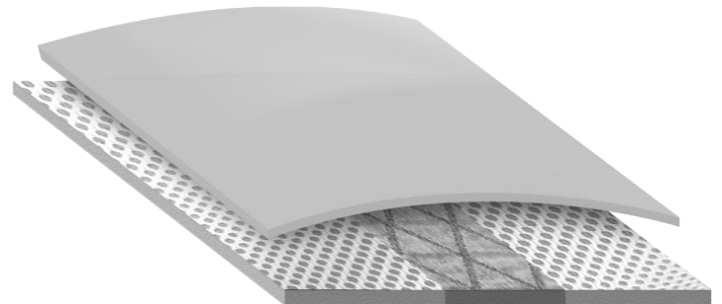
Technology



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 | |
|---------------------------------|---|
| Design Features | 2-piece hood, double cuffs, double zip closure, elasticated hood, waist and ankles. Attached AlphaTec® O2-100 Gloves. |
| Gloves And Attachments | AlphaTec® O2-100 |

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