

Previously known as: MICROCHEM® 4000 - Model 125-G05

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

- **Specialized protection:** The AlphaTec® 4000 Ultrasonically Welded & Taped - Model 125-G05 is a high-performance chemical-protective suit, tested for permeation against more than 200 chemicals*, including chemical warfare agents
- **Enhanced defenses:** Its double cuffs and dual-zip systems further enhance this protective suit's protective barrier
- **Increased strength:** Thanks to its welded and taped seams, it is stronger and more robust than protective suits of a lower grade
- **Optimized comfort:** This AlphaTec® protective suit also features knitted inner cuffs and inner textile-type fabric, which improves comfort levels and results in greater wearer acceptance
- **Improved fit:** Thanks to its elasticated two-piece hood and waist, coupled with elasticated cuffs and ankles, donning and removal are made easy
- **Certified antistatic capabilities:** It is tested against EN 1149-5 and AATCC 76 antistatic standards

*CE Category III Type 3/4/5 protection



Industries

- Chemical
- Fire and Rescue
- Oil and gas
- Life Sciences
- Mining
- 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 handling
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of equipment

KEY FEATURES & BENEFITS

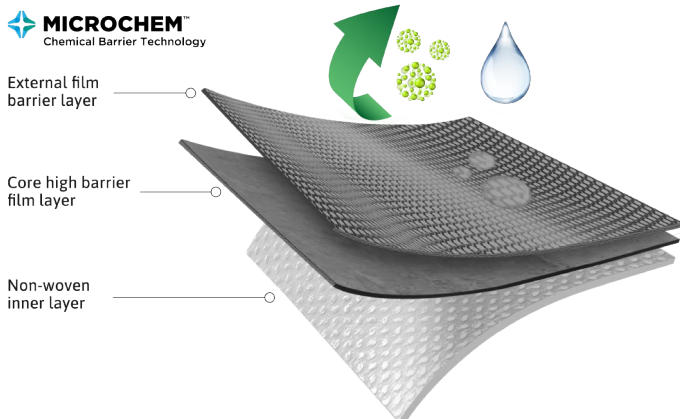
- **Extensive permeation testing:** Wide-ranging chemical resistance*
- **Dual-zip systems and double cuffs:** Reinforced personal protection
- **Welded and taped seams:** For an even greater protective barrier

*including chemical warfare agents

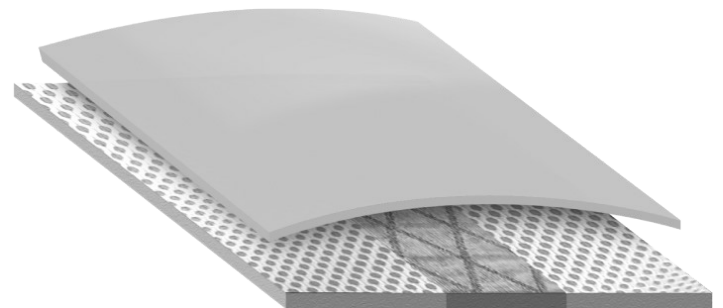
Technology



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, 121, 122, 132, 162 |
| Packaging Overview | Individually Packed |
| Product Material | Multi-layer non-woven barrier Laminate fabric |
| Product Reference | 4000 - Model 125-G05 |
| 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 |

Suit components & accessories

Suit Components and Accessories

Design Features

Overall with 2-piece hood, double cuffs, double zip closure, elasticated hood, waist and boot overflaps. Integrated socks with boot overflaps and attached AlphaTec® 29-500 gloves.

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