

4000 - Model 122

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

Previously known as: MICROCHEM® by AlphaTec® 4000 - Model 122

Heavy-duty multi-layer protective suit, providing a barrier against over 200 chemicals.

- Specialized protection: The AlphaTec[®] 4000
 Ultrasonically Welded & Taped Model 122 is a full-body protection suit, permeation-tested to protect wearers from over 200 chemicals*, including chemical warfare agents
- Enhanced defenses: Designed with double cuffs and dual-zip systems, this protective suit provides a truly secure protective barrier
- Increased strength: Strength and robustness are further enhanced by this chemical-protective suit's welded and taped seams
- Optimized comfort: Thanks to its knitted inner cuffs and inner textile-type fabric, wearer comfort is also improved
- Improved fit: With an elasticated two-piece hood, as well as an elasticated waist, cuffs and ankles facilitating donning, removal and general everyday wear
- Certified antistatic capabilities: This
 AlphaTec[®] protective 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
- Emergency Medical Services
- 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

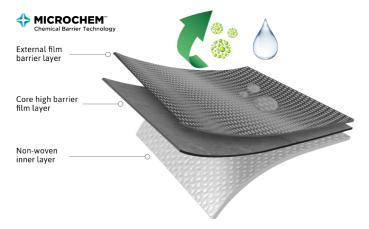
- Comprehensive permeation testing: Extensive chemical resistance*
- Dual-zip systems and double cuffs: Further enhanced personal protection
- Welded and taped seams: For a solid, robust protective barrier

*including against chemical warfare agents

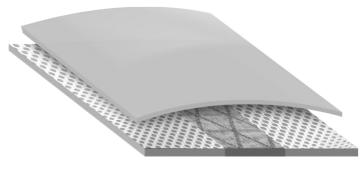
Technology



Material Diagram



Seam Diagram



Performance Standards















TYPE 3-B TYPE 4-B TYPE 5-B EN 1073-2 EN 14126 ASTM F1671 AATCC76 NFPA 1992

Product Information

| Product Information | |
|----------------------------|--|
| Available Sizes | S, M, L, XL, 2XL, 3XL, 4XL |
| Color | Green |
| Country Of Origin | China |
| Models Available | 103, 111, 121, 125, 132, 162 |
| Packaging Overview | Individually Packed |
| Product Material | Multi-layer non-woven barrier Laminate fabric |
| Product Reference | 4000 - Model 122 |
| 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 | G40T122 |



Suit components & accessories

Suit Components and Accessories

Design Features

Coverall with 2-piece hood, double cuffs, double zip closure, elasticated hood, waist and boot overflaps. Integrated socks with boot overflaps.

For additional in formation visit us at www.ansell.com, or call us at

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

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

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

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

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Australia Ansell Limited T: +61 1800 337 041

1. +32 442 240 1344 / 240 3133

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