

4000 - Model 122

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

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
- Energy
- 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 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:** Further enhanced personal protection
- **Welded and taped seams:** For a solid, robust protective barrier

*including against chemical warfare agents

Technology



MICROCHEM™

Chemical Barrier Technology

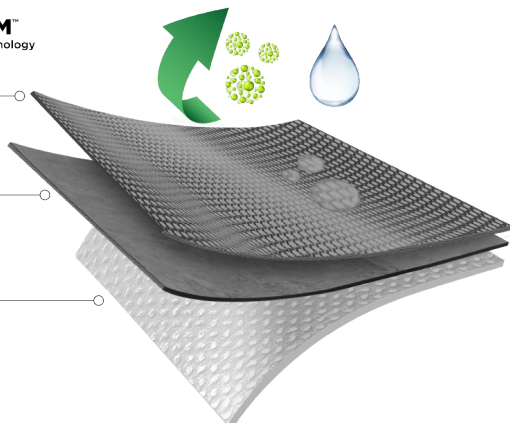
Material Diagram



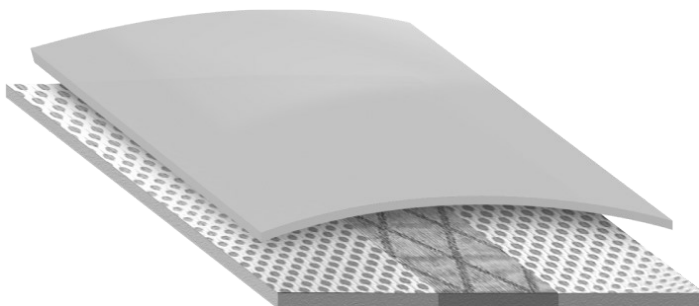
External film barrier layer

Core high barrier film layer


Non-woven inner layer




Seam Diagram




Performance Standards




EN ISO 13688:2013
0598




TYPE 3-B




TYPE 4-B



TYPE 5-B




EN 1073-2




EN 14126

ASTM F1671



EN 1149-5

AATCC76



Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL
Color	Green
Models Available	103, 111, 121, 125,162
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.

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