

# 4000 - Model 122

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

Previously known as: MICROCHEM® 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
- 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 proces equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of equipment

## **KEY FEATURES & BENEFITS**

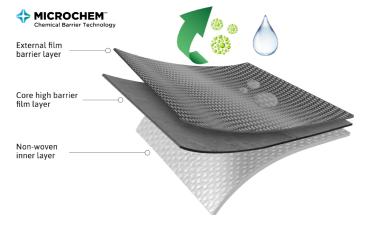
- Comprehensive permeation testing: Extensive chemical resistance\*
- Dual-zip systems and double cuffs: Further enhanced personal protection
- Welded and taped seams: For a solid, robust protective barrier

\*including against chemical warfare agents

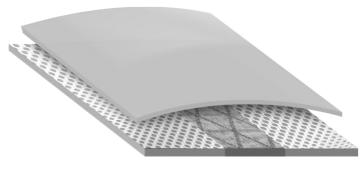
# **Technology**



### **Material Diagram**



# **Seam Diagram**



# **Performance Standards**

















# **Product Information**

<b>Product Information</b>	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL
Color	Green
Country Of Origin	China
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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