

4000 Ultrasonically Welded & Taped - Model 111

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

Previously known as: MICROCHEM® 4000 - Model 111

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

- Specialized protection: The AlphaTec® 4000 Ultrasonically Welded & Taped - Model 111 is a heavy-duty chemical-protective suit, permeationtested to withstand over 200 chemical hazards*, among which chemical warfare agents
- Enhanced defenses: This full-body protective suit also boasts double cuffs and dual-zip systems, further enhancing its defensive barrier
- Increased strength: Thanks to its taped and welded seams, this protective suit offers users a strong, dependable barrier against a variety of hazards
- Optimized comfort: Knitted inner cuffs and inner textile-type fabric facilitates wearer acceptance
- Improved fit: Its elasticated two-piece hood, waist, cuffs and ankles simplify the donning and removal process, for personal protection that is easy to wear
- Certified antistatic capabilities: This protective suit also meets EN 1149-5 and AATCC 76 antistatic standards

*CE Category III Type 3/4/5 protection





Industries

- 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
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of equipment

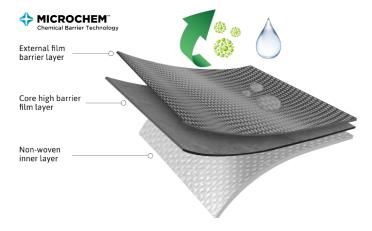
KEY FEATURES & BENEFITS

- Intensive permeation testing: Protection from varied chemicals*
- Double cuffs and dual-zip systems: Extended wear life
- Taped and welded seams: Additional barrier defenses

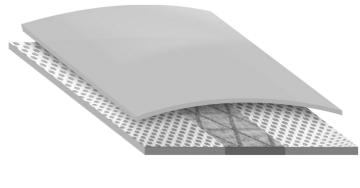
Technology



Material Diagram



Seam Diagram





^{*}including chemical warfare agents

Performance Standards



EN ISO 13688:2013















Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL
Color	Green
Models Available	103, 121, 122, 125,162
Packaging Overview	Individually packaged
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	4000 Ultrasonically Welded & Taped - Model 111
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	G40T111



Suit components & accessories

Suit Components and Accessories

Design Features

Coverall, 2-piece hood, double zip closure, double cuffs with knitted inner cuff. Elasticated hood, waist, wrists and ankles.

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