

4000 - Model 103

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

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

- **Specialized protection:** The AlphaTec® 4000 Ultrasonically Welded & Taped - Model 103 is an exceptional chemical-protective suit, permeation-tested against over 200 chemicals threats*, including chemical warfare agents
- **Enhanced defenses:** This protective suit also features dual-zip systems and double cuffs, for even greater chemical defenses
- **Increased strength:** Designed with welded and taped seams, this full-body protection suit provides a robust barrier against wide-ranging hazards
- **Optimized comfort:** Wearer acceptance is also greatly facilitated by the inclusion of knitted inner cuffs and inner textile-type fabric
- **Improved fit:** An elasticated two-piece hood, waist and elasticated cuffs and ankles further facilitate donning and removing, for genuinely easy-to-use personal protection
- **Certified antistatic capabilities:** This 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
- Food Processing

Applications

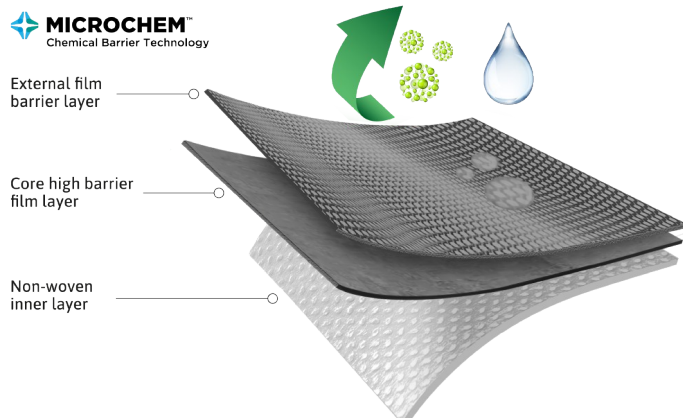
- Contaminated Environments
- Chemical Handling
- Filling, blending and charging of raw materials
- Transferring liquids and solids
- Opening and draining pumps valves or lines
- Loading and unloading of process equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of equipment

KEY FEATURES & BENEFITS

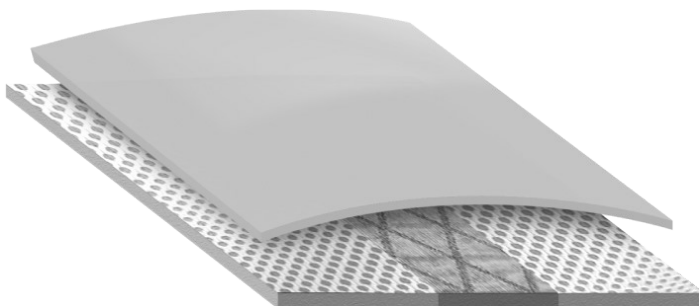
- **Extensive permeation testing:** Resistance to wide-ranging chemicals*
- **Dual-zip systems and double cuffs:** Enhanced wear life
- **Welded and taped seams:** Further enhanced heavy-duty barrier

*including chemical warfare agents

Material Diagram



Seam Diagram



Performance Standards


0598


TYPE 3-B


TYPE 4-B


TYPE 5-B


EN 1073-2


EN 1149-5

AATCC76


EN 14126

ASTM F1671

EN ISO 13688:2013

Product Information

Product Information	
Available Sizes	M, L, XL, 2XL, 3XL, 4XL
Color	Green
Models Available	111, 121, 122, 125,162
Packaging Overview	Individually packaged
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	4000 - Model 103
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	G40T103

Suit components & accessories

Suit Components and Accessories	
Design Features	Coverall with collar, double zip closure, double cuffs with knitted inner cuff. Elasticated waist, wrists and ankles.

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