

Previously known as: MICROCHEM® 4000 - Model 103

### 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

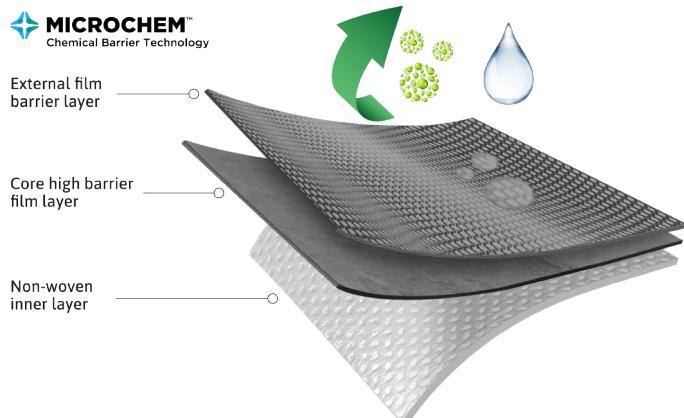
- Contaminated Environments
- Chemical Handling
- Filling, blending and charging of raw materials
- Transferring liquids and solids
- Opening and draining pumps valves or lines
- Loading and unloading of proces equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat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

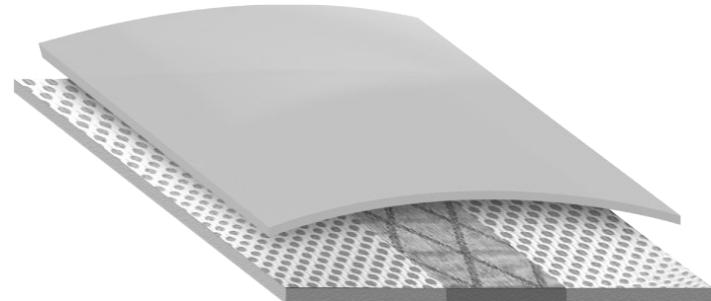
## Material Diagram



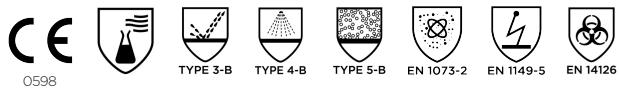
## Technology



## Seam Diagram



## Performance Standards



EN ISO 13688:2013

## Product Information

Product Information	
<b>Available Sizes</b>	M, L, XL, 2XL, 3XL, 4XL
<b>Color</b>	Green
<b>Country Of Origin</b>	China
<b>Models Available</b>	111, 121, 122, 125, 162
<b>Packaging Overview</b>	Individually packaged
<b>Product Material</b>	Multi-layer non-woven barrier Laminate fabric
<b>Product Reference</b>	4000 - Model 103
<b>Standards Overview</b>	CE CATEGORY III (Type 3-B, Type 4-B, Type 5-B, EN 1073-2, EN 14126, EN 1149-5)
<b>Seam Type</b>	Welded and Taped
<b>Shelf Life</b>	5 years
<b>Style Number</b>	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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