

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

## KEY FEATURES & BENEFITS

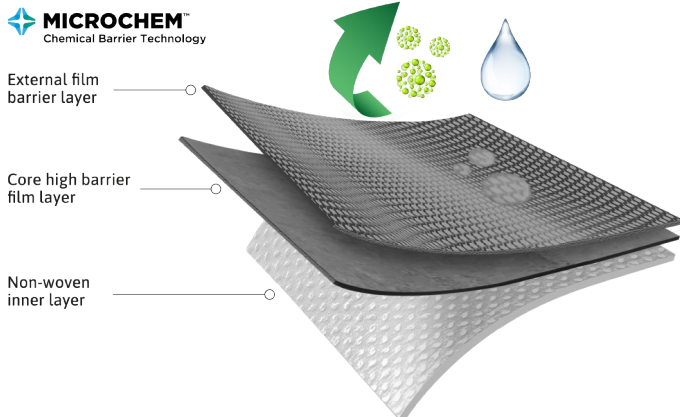
- **Comprehensive permeation testing:** Extensive chemical resistance\*
- **Dual-zip systems and double cuffs:** Further enhanced personal protection
- **Welded and taped seams:** For a solid, robust protective barrier

\*including against chemical warfare agents

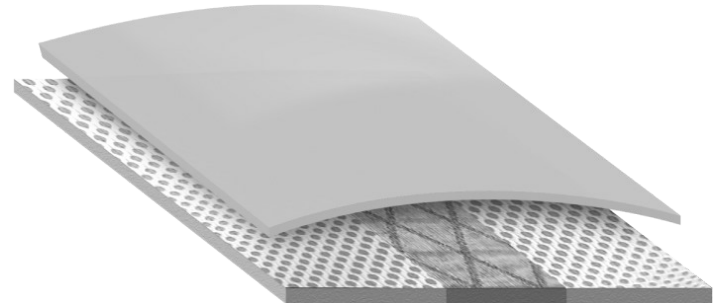
## Technology



## Material Diagram



## Seam Diagram



## Performance Standards



EN ISO 13688:2013



TYPE 3-B

TYPE 4-B

TYPE 5-B

EN 1073-2

EN 14126

EN 1149-5

## Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL
Color	Green
Country Of Origin	China
Models Available	103, 111, 121, 125,162,181,182
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.

**For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at**

#### Europe, Middle East & Africa Region

Ansell Healthcare Europe NV  
T: +32 (0) 2 528 74 00

#### North America Region

Ansell Healthcare Products LLC  
T: +1 800 800 0444

#### Australia

Ansell Limited  
T: +61 1800 337 041

#### Asia Pacific Region

Ansell Global Trading Center  
T: +603 8310 6688

#### Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.  
T: +52 442 248 1544 / 248 3133

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending; [www.ansell.com/patentmarking](http://www.ansell.com/patentmarking) © 2025 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

