

Previously known as: MICROCHEM® by AlphaTec® 4000 - Model 125-G02

## Multi-layer, heavy-duty chemical-protective suit, resistant to over 200 chemical hazards.

- **Specialized protection:** The AlphaTec® 4000 Ultrasonically Welded & Taped - Model 125-G02 is a heavy-duty chemical protective suit, permeation-tested for protection from over 200 chemical hazards\*, among which are chemical warfare agents
- **Enhanced defenses:** Thanks to the addition of double cuffs and dual-zip systems, this protective suit's barrier protection is further bolstered
- **Increased strength:** It also remains strong and robust, owing to its welded and taped seams
- **Optimized comfort:** Its knitted inner cuffs and inner textile-type fabric ensure wearer acceptance, for improved everyday comfort
- **Improved fit:** Designed with an elasticated two-piece hood and an elasticated waist, cuffs and ankles, this protective suit is easy to don, remove and use on an ongoing basis
- **Certified antistatic capabilities:** In addition, it is 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
- Oil and gas
- 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

- **Far-reaching permeation testing:** Resistance to numerous chemicals\*
- **Double cuffs and dual-zip systems:** Further enhanced personal protection
- **Taped and welded seams:** Stronger and more robust protective barrier

*\*including chemical warfare agents*

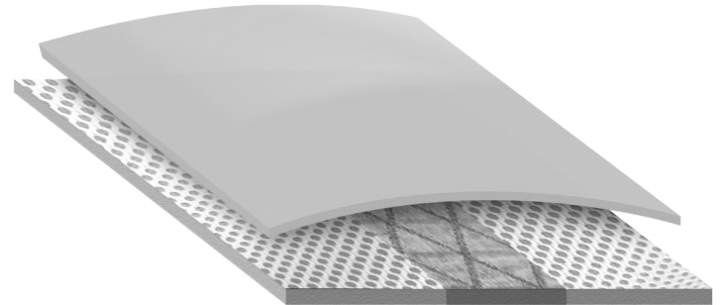
## Technology



## Material Diagram



## Seam Diagram



## Performance Standards



AATCC76



ASTM F1671 NFPA 1992

0598

TYPE 3-B

TYPE 4-B

TYPE 5-B

EN 1073-2

EN 1149-5

EN 14126

## Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	Green
Country Of Origin	China
Models Available	103, 111, 121, 122, 125-G05, 132, 162
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	4000 - Model 125
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	G40T125B

## Suit components & accessories

Suit Components and Accessories	
<b>Design Features</b>	2-piece hood, double cuffs, double zip closure, elasticated hood, waist and boot overflaps. Integrated socks with boot overflaps and attached Ansell AlphaTec® O2-100 Gloves.
<b>Gloves And Attachments</b>	AlphaTec® O2-100

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) © 2024 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.

