

Previously known as: MICROCHEM® by AlphaTec® 5000 - Model 125-G02

High-visibility, multi-layer protective suit, protecting from chemicals and biohazards.

- Specialized protection:** The AlphaTec® 5000 Ultrasonically Welded & Taped - Model 125-G02 is a multi-layer heavy-duty protective suit, guarding against chemicals, biological hazards and chemical warfare agents
- Improved visibility:** This chemical-protective suit is bright orange in color, resulting in improved noticeability and workplace safety, and is usable as a HAZMAT suit by HAZMAT response teams
- Heightened defenses:** Protection against liquid and particulate hazards is further enhanced by this protective suit's welded and taped seams
- Enhanced features:** It features attached Ansell barrier gloves, integrated socks with boot overlap, an elasticated hood, waist, ankles and outer cuffs, as well as dual-zip systems and knitted inner cuffs
- Certified antistatic capabilities:** In addition, this full body protection suit satisfies EN 1149-5 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 large pipes
- Unexpected leakages spills or other releases

KEY FEATURES & BENEFITS

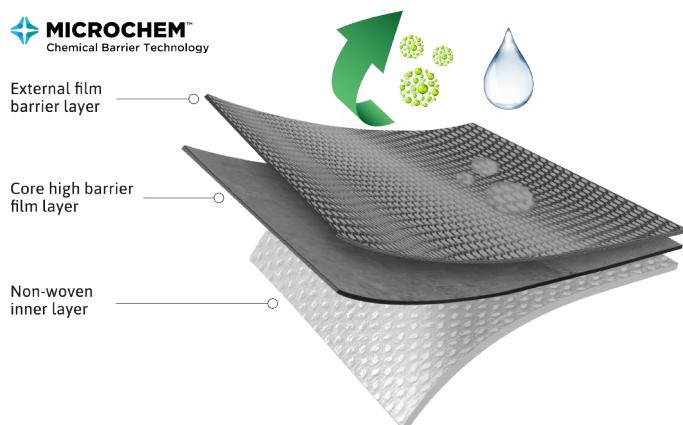
- **Permeation barrier:** Resists chemicals and biohazards*
- **Highly visible orange color:** Enhanced worker and workplace safety
- **Welded and taped seams:** Heightened liquid and particulate resistance

*480-minute breakthrough time against 14 of the 15 chemicals listed in EN ISO 6529

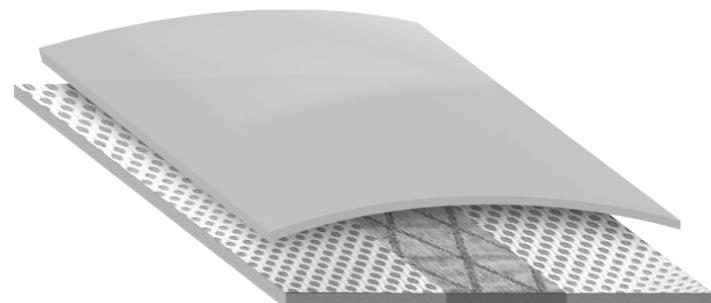
Technology



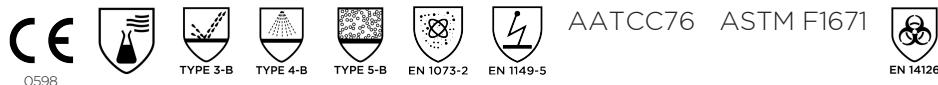
Material Diagram



Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	Orange
Country Of Origin	China
Models Available	103, 111, 121, 122, 198
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	5000 - Model 125-G02
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	O50T125B

Suit components & accessories

Suit Components and Accessories

Design Features

Coverall with 2-piece hood, double zip closure, double cuffs, integrated socks with boot overflaps and attached Ansell Barrier® Gloves. Elasticated hood, waist & boot overflaps.

For additional information visit us at 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 © 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.

