

5000 - Model 122

Durable, highly visible, multi-layer chemical barrier technology, Type 3/4/5 protection

Previously known as: MICROCHEM® by AlphaTec® 5000 - Model 122

High-visibility multi-layer chemical-protective suit, to guard against biological hazards and chemicals.

- **Specialized protection:** The AlphaTec® 5000 Ultrasonically Welded & Taped - Model 122 is a heavy-duty, multi-layer chemical-protective suit, offering tough barrier protection against biological hazards, chemicals* and chemical warfare agents
- **Improved visibility:** Usable as a HAZMAT suit by HAZMAT response teams, this full-body protective suit's bright orange color ensures it remains noticeable, for greater worker and workplace safety
- **Heightened defenses:** Welded and taped seams make for even more robust barrier protection against particulates and liquids
- **Enhanced features:** It also features an elasticated hood, waist, ankles and outer cuffs, as well as safety-boosting dual-zip systems, a wear life-extending double zip enclosure, double cuffs, comfort-enhancing knitted inner cuffs, and integrated socks with boot overflaps
- **Certified antistatic capabilities:** This protective suit meets EN 1149-5 antistatic standards

*CE Category III Type 3/4/5 protection



Industries

- Chemical
- Life Sciences
- Mining
- Fire and Rescue
- Oil and gas
- 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

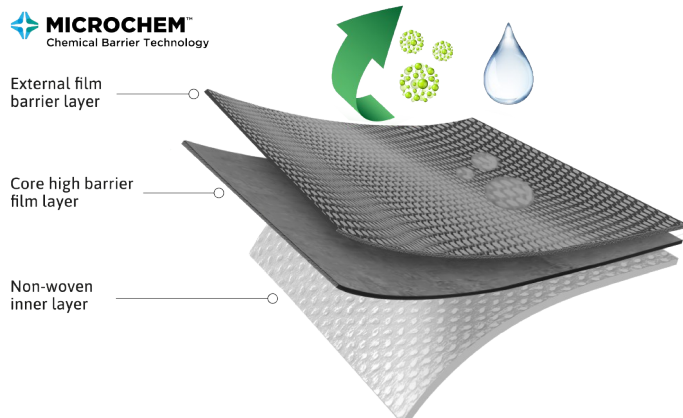
- **Permeation barrier:** Resists chemicals/biohazards/chemical warfare agents*
- **Highly visible orange color:** Greater worker and workplace safety
- **Double zip enclosure:** Extended wear life

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

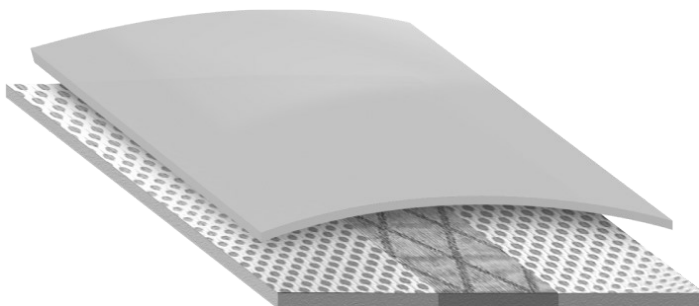
Technology



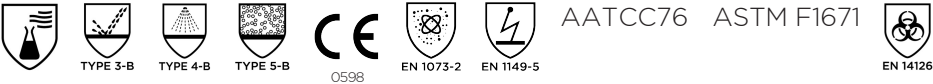
Material Diagram



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, 125-G02, 198
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	5000 - 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	O50T122

Suit components & accessories

Suit Components and Accessories	
Design Features	Coverall with 2-piece hood, double zip closure, double cuffs with knitted inner cuff and attached socks with boot overflaps. Elasticated hood, waist, outer cuffs and 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

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