

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

- Life Sciences
- Mining
- Fire and Rescue
- Energy
- Automotive Aftermarket
- Food Processing

Applications

- Transferring liquids and solids
- Unexpected leakages spills or other releases
- Opening and draining pumps valves or lines
- Raw material sample collection
- Hazmat response
- Filling, blending and charging of raw materials
- Contaminated Environments
- Concentration mixing and palletisation
- Assembly and disassembly of large pipes
- Chemical Handling

KEY FEATURES & BENEFITS

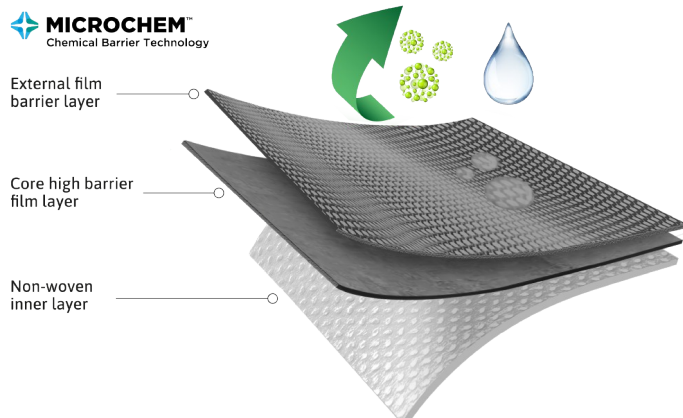
- **Permeation barrier:** Resists chemicals/biohazards/chemical warfare agents*
- **Highly visible orange color:** Greater worker and workplace safety
- **Double zip enclosure:** Extended wear life

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

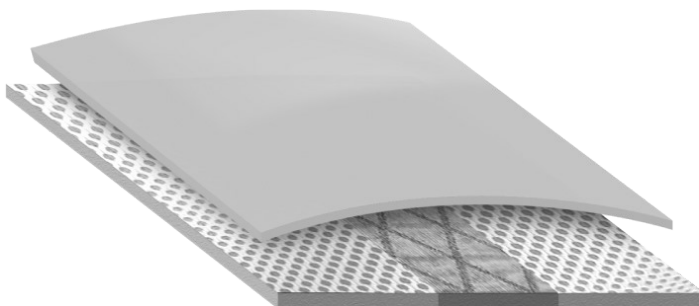
Technology



Material Diagram



Seam Diagram



Performance Standards


TYPE 3-B


TYPE 4-B


TYPE 5-B


TYPE 5-B


0598


EN 1073-2


EN 1149-5

AATCC76

ASTM F1671


EN 14126

Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	Orange
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.

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