

5000 - Model 111

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

Previously known as: MICROCHEM® 5000 - Model 111

Multi-layer high-visibility chemical-protective suit, resistant to chemicals and biological hazards.

- Specialized protection: The AlphaTec® 5000
 Ultrasonically Welded & Taped Model 111 is a
 heavy-duty, multi-layer protective suit, highly
 resistant to chemicals*, biological hazards and
 chemical warfare agents
- Improved visibility: Also usable as a HAZMAT suit by HAZMAT response teams, this chemicalprotective suit is bright orange in color, making it noticeable and enhancing worker and workplace safety
- Heightened defenses: Its taped and welded seams ensure robust defenses against particulates and liquids
- Enhanced features: This protective suit 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 and comfort-enhancing knitted inner cuffs
- Certified antistatic capabilities: In addition, this full-body protection suit also 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
- Opening and draining pumps valves or lines
- Loading and unloading of proces equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Hazmat response
- Assembly and disassembly of large pipes

Unexpected leakages

spills or other releases

Technology



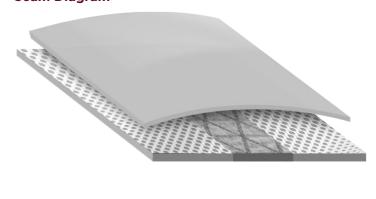
KEY FEATURES & BENEFITS

- Permeation barrier: Resists chemicals/biohazards/chemical warfare agents*
- Highly visible orange color: For greater worker and workplace safety
- Double zip enclosure: Enhanced wear life
 - *>480-minute breakthrough time against 14 of the 15 chemicals listed in EN ISO 6529

Material Diagram

♦ MICROCHEM® External film Core high barrier film layer Non-woven

Seam Diagram



Performance Standards

















Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	Orange
Country Of Origin	China
Models Available	103, 122, 125-G02, 198
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	5000 - Model 111
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 años
Style Number	O50T111



Suit components & accessories

Suit Components and Accessories

Design Features

Coverall with 2-piece hood, double zip closure, double cuffs with knitted inner cuff. Elasticated hood, outer cuffs, waist and ankles.

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