

# 5000 - Model 111

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

Previously known as:  $MICROCHEM^{(\!R\!)}$  by  $AlphaTec^{(\!R\!)}$  5000 - Model 111

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

- Specialized protection: The AlphaTec<sup>®</sup> 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
- Oil and gas
- Automotive Aftermarket
- Food Processing

#### **Applications**

- Contaminated Environments
- Chemical Handling
- Filling, blending and charging of raw materials
- Transferring liquids and

Unexpected leakages

spills or other releases

- 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

# **Technology**

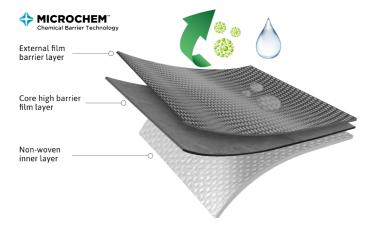


#### **KEY FEATURES & BENEFITS**

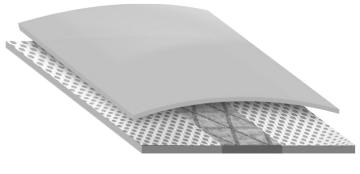
- Permeation barrier: Resists chemicals/biohazards/chemical warfare agents\*
- Highly visible orange color: For greater worker and workplace safety
- Double zip enclosure: Enhanced wear life

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

#### **Material Diagram**



## **Seam Diagram**



## **Performance Standards**



















## **Product Information**

<b>Product Information</b>	
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 years
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.

## For additional in formation 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

Asia Pacific Region Ansell Global Trading Center T: +603 8310 6688 North America Region Ansell Healthcare Products LLC T: +1 800 800 0444

Latin America & Caribbean Region Ansell Commercial Mexico S.A. de C.V. T: +52 442 248 1544 / 248 3133 Australia Ansell Limited T: +61 1800 337 041

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