

Previously known as: MICROCHEM 5000 APOLLO - Model 186-G02

Fully encapsulated protective suit resistant to chemicals and biological hazards.

- **Specialized protection:** The AlphaTec® 5000 Ultrasonically Welded & Taped - Model 186-G02 is a liquid-tight, fully encapsulated chemical-protective suit, resistant to various chemicals*, biological hazards and chemical warfare agents
- **Improved visibility:** An orange outer surface ensures this protective suit is highly visible, reducing workplace injuries
- **Heightened defenses:** Fully encapsulated, with a PVC multi-layer visor, it also features ultrasonically welded and taped seams, for outstanding barrier protection against liquids and particulates
- **Enhanced features:** In addition, it boasts a side-entry dual-zip system, a rear-mounted breathing apparatus (BA) pouch, and attached socks with static-dissipative soles and boot overflaps, as well as attached Ansell barrier gloves with no-drip cuffs
- **Increased ventilation:** In addition, it features rear-positioned exhalation valves and a bat wing design, which enables wearers to check the air gauge from within
- **Certified antistatic capabilities:** 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
- Emergency Medical Services
- 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

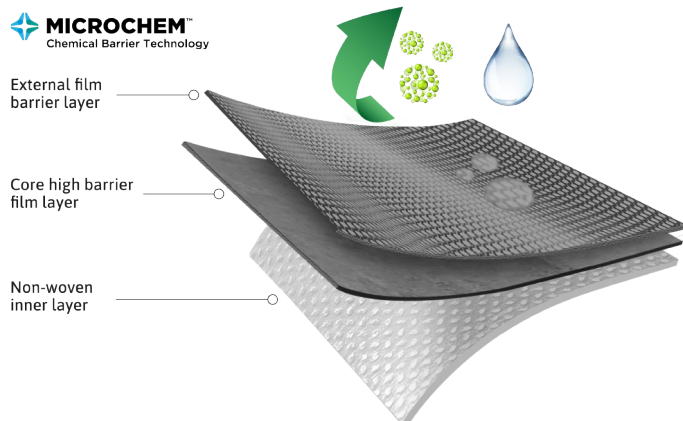
- **Permeation barrier:** Resists chemicals and biohazards*
- **Highly visible orange color:** For better worker and workplace safety
- **Taped and welded seams:** Enhanced particulate and liquid resistance

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

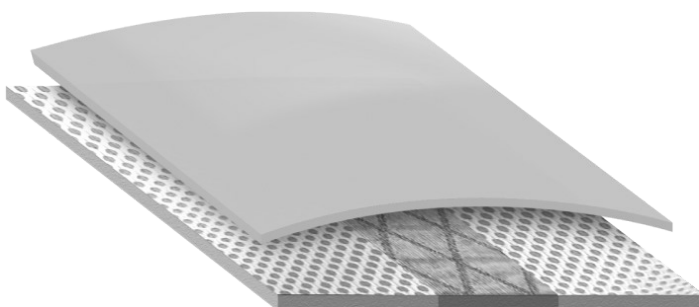
Technology



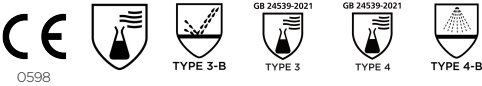
Material Diagram



Seam Diagram



Performance Standards



Product Information

Product Information	
Available Sizes	M, L, XL, 2XL, 3XL
Color	Orange
Country Of Origin	China
Packaging Overview	Individually Packed
Product Material	Multi-layer non-woven barrier Laminate fabric
Product Reference	5000 APOLLO - Model 186-G02
Standards Overview	CE CATEGORY III (Type 3-B, Type 4-B, EN 14126, EN 1149-5)
Seam Type	Welded and Taped
Shelf Life	5 years
Style Number	O50T186B

Suit components & accessories

Suit Components and Accessories	
Design Features	Side entry Double Zip flap, expanded back for internal wearing of self-contained breathing apparatus, rear positioned exhalation valves. Attached socks with static dissipative sole & leg overflap, attached Ansell Barrier Gloves with sleeve overflap, semi-rigid multi-layer visor and ultrasonically welded and taped seams.

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