

Previously known as: MICROCHEM® by AlphaTec® 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
- Oil and gas
- 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

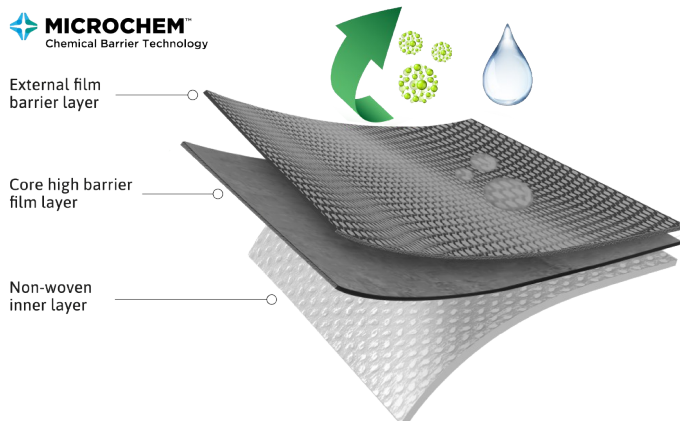
- **Permeation barrier:** Resists chemicals and biohazards*
- **Highly visible orange color:** For better worker and workplace safety
- **Taped and welded seams:** Enhanced particulate and liquid resistance

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

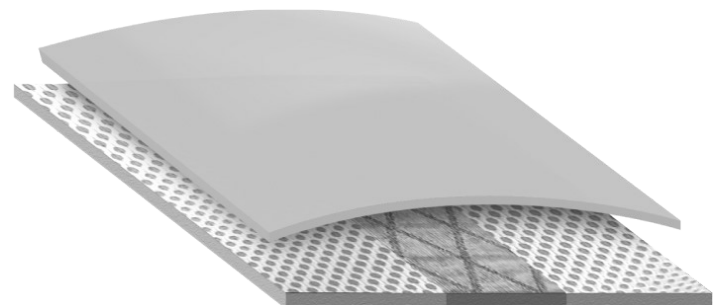
Technology



Material Diagram



Seam Diagram



Performance Standards


0598


TYPE 3-B

AATCC76

ASTM F1671


TYPE 4-B


EN 1149-5


EN 14126

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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