

Heavy-duty multi-layer protective suit, guarding against over 200 chemical hazards.

- **Specialized protection:** The AlphaTec® 4000 Ultrasonically Welded & Taped - Model 111 is a heavy-duty chemical-protective suit, permeation-tested to withstand over 200 chemical hazards*, among which chemical warfare agents
- **Enhanced defenses:** This full-body protective suit also boasts double cuffs and dual-zip systems, further enhancing its defensive barrier
- **Increased strength:** Thanks to its taped and welded seams, this protective suit offers users a strong, dependable barrier against a variety of hazards
- **Optimized comfort:** Knitted inner cuffs and inner textile-type fabric facilitates wearer acceptance
- **Improved fit:** Its elasticated two-piece hood, waist, cuffs and ankles simplify the donning and removal process, for personal protection that is easy to wear
- **Certified antistatic capabilities:** This protective suit also meets EN 1149-5 and AATCC 76 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 equipment

KEY FEATURES & BENEFITS

- **Intensive permeation testing:** Protection from varied chemicals*
- **Double cuffs and dual-zip systems:** Extended wear life
- **Taped and welded seams:** Additional barrier defenses

*including chemical warfare agents

Technology



ERGOFORM™

Ergonomic Design Technology



MICROCHEM™

Chemical Barrier Technology

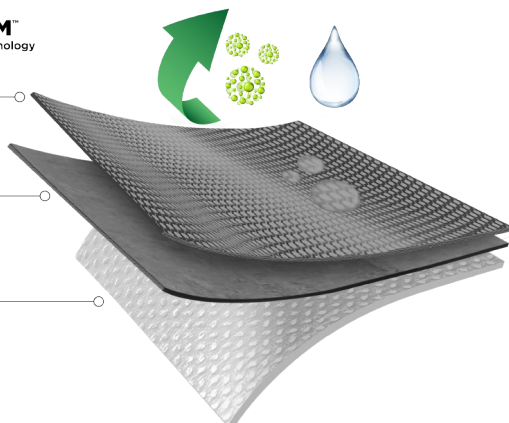
Material Diagram



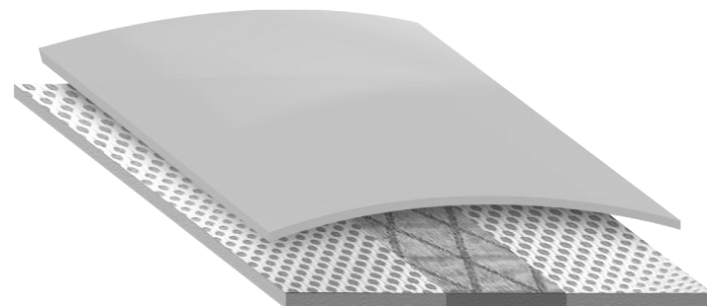
External film barrier layer

Core high barrier film layer

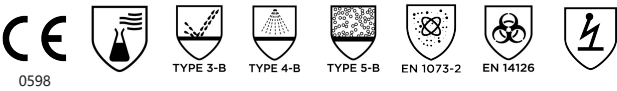
Non-woven inner layer



Seam Diagram



Performance Standards



Product Information

| Product Information | |
|---------------------|--------------------------------------------------------------------------------|
| Available Sizes | XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL, 6XL, 7XL |
| Color | Green |
| Country Of Origin | China |
| Models Available | 103, 121, 122, 125, 132, 162 |
| Packaging Overview | Individually packaged |
| Product Material | Multi-layer non-woven barrier Laminate fabric |
| Product Reference | 4000 Ultrasonically Welded & Taped - 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 | G40T111 |

Suit components & accessories

| Suit Components and Accessories | |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Design Features | Coverall, 2-piece hood, double zip closure, double cuffs with knitted inner cuff. Elasticated hood, waist, wrists and ankles. |

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