

Previously known as: MICROCHEM® by AlphaTec® 2000 Ts PLUS - Model 111

### Ultra-low-linting breathable protective suit, made with microporous laminate for chemical protection.

- **Specialized protection:** The AlphaTec® 2000 Ts PLUS Stitched & Taped - Model 111's protective barrier\* resists liquid and particulate biological hazards and low-concentration liquid chemicals\*\*
- **Heightened breathability:** Thanks to air- and water vapor-permeable microporous laminate fabric, this chemical-protective suit is more breathable, lowering the risk of heat stress
- **Enhanced fit and features:** Comfort is enhanced by its optimized fit, while internal overtaped stitching and serged and taped seams strengthen its protective barrier, for even greater personal protection
- **Reduced contamination risks:** This protective suit's ultra-low-linting fabric and tunneled, elasticated wrists and ankles reduce the risk of cross contamination in critical areas
- **Decreased surface defect risks:** Its silicone-free construction makes it suitable for spray-painting applications
- **Assured antistatic properties:** It also complies with EN 1149-5 antistatic standards

\*this chemical protection suit ensures CE Category III Type 4/5/6 protection

\*\*it withstands liquid chemical saturation and filters 100% of particulates down to 0.01 microns in size (EMSL test method)



## Industries

- Life Sciences
- Automotive
- Metal fabrication
- Food Processing
- Agriculture
- Automotive Aftermarket
- Chemical
- Emergency Medical Services
- Machinery and Equipment
- Oil and gas
- Utilities
- Defense
- Nuclear

## Applications

- Product inspection
- Loading and hauling
- Fibre Glass/Resin Applications/Ceramic Fibres
- Body painting including surface inspection
- Cleaning of plant and machines
- Maintaining lab furniture and equipment

## KEY FEATURES & BENEFITS

- **Chemical barrier:** Low-risk liquid chemicals, liquid and particulate biohazards
- **Microporous laminate:** Greater breathability, lesser risk of heat stress
- **Optimized fit:** Enhanced wearer comfort and improved workplace safety





## Material Diagram



## Seam Diagram




Performance Standards




TYPE 4-B    TYPE 5-B    TYPE 6-B


AATCC76




0598



EN 1073-2




ASTM F1671



EN 14126

EN ISO 13688:2013



DIN 32781

Product Information

| Product Information |   |
|---------------------|---|
| Available Sizes     | XS, S, M, L, XL, 2XL, 3XL, 4XL, 5XL   |
| Color               | White, Green  |
| Country Of Origin   | China   |
| Models Available    | 103, 122, 156   |
| Packaging Overview  | Individually Packed   |
| Product Material    | Microporous polyethylene Laminate non-woven   |
| Product Reference   | 2000 Ts PLUS - Model 111  |
| Standards Overview  | CE CATEGORY III (Type 4-B, Type 5-B, Type 6-B, EN 1073-2, EN 14126, DIN 32781, EN 1149-5) |
| Seam Type           | Stitched and Taped  |
| Shelf Life          | 5 years   |
| Style Number        | W20T111   |

Suit components & accessories

| Suit Components and Accessories |  |
|---------------------------------|--|
| Design Features                 | Coverall, 3-piece hood, single zipper with re-sealable storm flap, thumb loops and chin strap. Elasticated waist, tunnelled elasticated wrists, hood and ankles. |

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