AlphaTec®
ADVANCED CHEMICAL PROTECTION

1500 PLUS FR - Model 111

Flame-retardant, antistatic SMMS protective suit, granting wearers light chemical protection

Previously known as: MICROCHEM® by AlphaTec® 1500 PLUS FR - Model 111

Breathable flame-retardant protective suit, guarding against particulates and low-hazard liquid spray.



- **Specialized protection:** Intended to be worn over heat-protective clothing*, the AlphaTec® 1500 PLUS FR Stitched - Model 111 chemical suit features an SMMS nonwoven material barrier, guarding against particulates, non-flammable liquid spray and splashes**
- **Heightened breathability:** Its SMMS nonwoven fabric is also permeable to air and water vapor, reducing the risk of heat stress and enhancing wearer comfort
- **Assured antistatic capabilities:** This hooded protective outer garment is also compliant with EN 1149-5 antistatic standards
- **Enhanced fit and features:** Its optimized fit ensures sustained comfort and it includes a two-way front flap with DST storm zipper, as well as finger loops and an elasticated hood, waist, wrist and ankles

*to be worn over thermal protective garments and never next to the skin

**this chemical-protective suit ensures CE Category III Type 5 protection

Industries

- Oil and gas
- Chemical

Applications

- Chemical Handling
- Contaminated Environments
- Filling, blending and charging of raw materials
- Transferring liquids and solids
- Opening and draining pumps valves or lines
- Loading and unloading of proces equipment
- Raw material sample collection
- Concentration mixing and palletisation

KEY FEATURES & BENEFITS

- **Flame-retardant* SMMS fabric:** Particulate and low-hazard splash resistance
- **Air and water vapor permeability:** Reduced risk of heat stress
- **EN 1149-5 compliance:** Assured antistatic capabilities

*to be worn over heat- and flame-protective clothing (EN ISO 14116 Index 2 or above) — limits spread of flames in the event of a flash fire (EN ISO 14116 Index 1)

Seam Diagram



Performance Standards

CE 0598    AATCC76   EN ISO 14116:2015 Index 1

Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	White with Red Seams
Country Of Origin	Sri Lanka
Packaging Overview	Individually Packed
Product Material	SMMS fabric with fire retardant and anti-static treatment
Product Reference	1500 PLUS FR - Model 111
Standards Overview	CE CATEGORY III (Type 5, Type 6, EN 1073-2, EN ISO 14116, EN 1149-5)
Seam Type	Stitched
Shelf Life	5 years
Style Number	W17S111

Suit components & accessories

Suit Components and Accessories	
Design Features	Coverall, 3-piece hood, 2 way front zipper with re-sealable storm flap, finger loops. Elasticated hood, waist, wrists and ankles. Anti-static treatment.

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