

# FR - Model 111

Innovative, breathable flame retardant technology, Type 5/6 protection

Previously known as: MICROGARD® FR - Model 111

# Breathable flame-retardant suit, protecting against flash fires and liquid and particulate threats.

- **Specialized protection:** The AlphaTec<sup>®</sup> FR Stitched Model 111 protective suit features flame-retardant\* Sontara<sup>®</sup>, wood pulp and polyester fabric, guarding against flash fires Type 5 particulate hazards and Type 6 liquid spray
- **Elevated comfort:** This protective body suit's material is water vapor permeable, reducing the risk of heat stress while heightening wearer comfort
- Improved fit: Comfort is further enhanced by the AlphaTec® FR Stitched Model 111's optimized fit

\*AlphaTec<sup>®</sup> FR should never be worn in isolation for flameretardant protection – always wear over the top of garments achieving EN ISO 14116 Index 2





## **Industries**

- Oil and gas
- Chemical

# **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 proces equipment
- Raw material sample collection
- Concentration mixing and palletisation
- Assembly and disassembly of large pipes

### **KEY FEATURES & BENEFITS**

- Sontara<sup>®</sup>, wood pulp and polyester blend: Flash fire\*, liquid and particulate protection\*\*
- Moisture vapor-permeable fabric: Breathable comfort, reduced heat stress
- Optimized body fit: For safe, comfortable personal protection
  - \*AlphaTec<sup>®</sup> FR should never be worn in isolation for flame-retardant protection always wear over the top of garments achieving EN ISO 14116 Index 2 or above \*\*Type 5 particulate protection, Type 6 liquid spray protection

# **Material Diagram**



# **Seam Diagram**





# **Performance Standards**













CE EN ISO 13688:2013

# **Product Information**

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL
Color	Blue
<b>Country Of Origin</b>	China
Packaging Overview	Individually Packed
<b>Product Material</b>	FR treated Sontara wood pulp and polyester
<b>Product Reference</b>	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	B95S111



# Suit components & accessories

**Suit Components and Accessories** 

**Design Features** 

Coverall, 2-piece hood, elasticated hood, waist, wrist and ankles. External overlocked seams.

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