

# AlphaTec®

ADVANCED CHEMICAL PROTECTION

## 66-677 Coverall

Flame Retardant, Arc resistant and breathable chemical splash resistance, re-usable Level B protection

**NFPA 1992 compliant, combining outstanding comfort and durability with liquid chemical splash, flame and arc resistance..**



## Industries

- Chemical
- Food Processing
- Mining
- Maintenance
- Metal fabrication

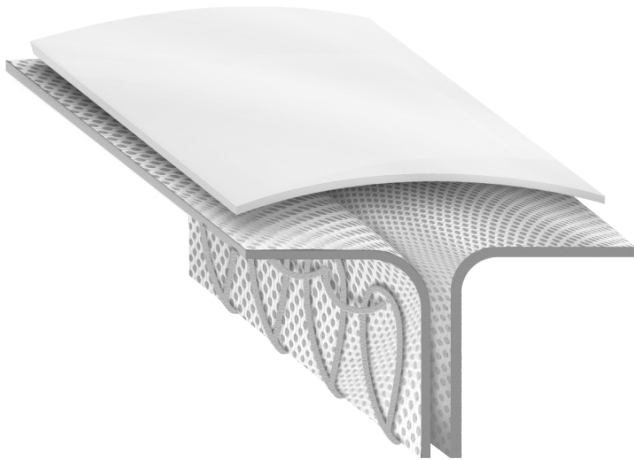
## Applications

- Plant disinfection and sanitization
- Chemical Handling
- Repair and maintenance
- Oil Platforms
- Mining
- Metal Plating
- Food Processing
- Sanitation
- Utilities
- Energy
- Water plants
- Pulp and Paper Production
- Transport of hazardous substances
- Potential Flash Fire

## KEY FEATURES & BENEFITS

- Chemical splash fabric provides protection with penetration data for more than 70 chemicals
- Nomex® fabric provides heat and flame resistance as well as arc flash protection to HRC level 2
- Breathable fabric maximizes comfort, reducing the risk of heat stress and increasing productivity
- Sealed seams and double front storm flap ensure the whole garment offers leak-tight protection from chemical spray
- Durable laminated fabric system is machine washable for longer, cost-effective service life
- Certified according to NFPA 1992 (Edition 2012) - Liquid Splash-Protective Clothing for Hazardous Materials Emergencies

## Seam Diagram



## Performance Standards



ASTM F1671



EN 1149-5

## Product Information

Product Information	
Available Sizes	S, M, L, XL, 2XL, 3XL, 4XL, 5XL, 6XL, 7XL
Color	Blue
Country Of Origin	Canada
Packaging Overview	<ul style="list-style-type: none"> <li>5 Per Case</li> </ul>
Product Material	White Nomex <sup>®</sup> inner with breathable membrane and Blue Nomex <sup>®</sup> outer
Product Reference	66-677 Coverall
Standards Overview	<ul style="list-style-type: none"> <li>• Certified according to NFPA 1992 - Liquid splash-protective clothing for hazardous materials emergencies</li> <li>• PyroMan™ tested at North Carolina State University (USA) - A full-scale test method for testing flammability and thermal protection of garments at a test temperature of 700-1200° C - with 0% body burn after 2sec flash fire exposure, and less than 8% with no 3rd degree burns after 3sec flash fire exposure. Instead of testing the survivability of the suit, PyroMan tests the survivability of the wearer.</li> <li>• Tested according to ASTM F2302-08 - Standard Performance Specification for Heat and Flame Resistant Clothing</li> <li>• Meets NFPA 70E - Standard for Electrical Safety in the Workplace, Hazard Risk Category (HRC) 2</li> <li>• Tested according to ASTM F 1891-02/ASTM 1959-04 - Standard Test Method for Determining Arc Thermal Performance of Textile Materials for Clothing - with Arc rating 9.0 cal/cm2</li> </ul>
Seam Type	Stitched and Taped
Shelf Life	5 years

## Suit components & accessories

### Suit Components and Accessories

#### Design Features

AlphaTec<sup>®</sup> workwear is made of a unique breathable membrane from Gore that helps manage heat stress, while offering exceptional liquid chemical splash protection, enabling the wearer protection, as well as comfort throughout a full shift. Design features include: • Raglan sleeves, designed for comfortable arm movement • Adjustable hook and loop closure straps at the wrist, ankle and front flap for a snug fit • Double front flap for secured closure • Front tab to clip a microphone or other devices • Optional detachable hood (66-674) which is attached to the collar by means of a Velcro hook and loop

**For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at**

#### Europe, Middle East & Africa Region

Ansell Healthcare Europe NV  
T: +32 (0) 2 528 74 00

#### North America Region

Ansell Healthcare Products LLC  
T: +1 800 800 0444

#### Australia

Ansell Limited  
T: +61 1800 337 041

#### Asia Pacific Region

Ansell Global Trading Center  
T: +603 8310 6688

#### Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.  
T: +52 442 248 1544 / 248 3133

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