



AlphaTec™

ADVANCED CHEMICAL PROTECTION

66-600 SERIES BREATHABLE CHEMICAL PROTECTIVE CLOTHING

BREATHABLE CHEMICAL PROTECTIVE CLOTHING WITH RESISTANCE TO FLAME & ARC

Ansell is well known globally for its range of chemical protective suits for use in the most hazardous environments. Now Ansell is adding another range of chemical protective clothing to the portfolio – the ALPHATEC™ Breathable Chemical Protective Clothing, made of GORE® chemical splash fabric and designed for industrial everyday work.

The ALPHATEC™ range of breathable chemical protective clothing is ideal for a wide spectrum of industrial applications. GORE® chemical splash fabric helps manage heat stress while offering exceptional liquid chemical splash protection, helping the wearer stay protected and more comfortable throughout a full shift.



Ansell



ALPHATEC™ BREATHABLE CHEMICAL PROTECTIVE CLOTHING

ALPHATEC™ Breathable Chemical Protective Clothing is workwear combining outstanding comfort with advanced chemical protective properties including flame and arc resistance as well as high visibility.

ADVANTAGES

- Gore® chemical splash fabric is breathable and provides outstanding comfort
- High durability: use, wash, re-use
- Liquid chemical splash protection with penetration data for more than 70 chemicals
- Nomex® fabric for heat and flame resistance
- Nomex® fabric for arc protection
- High visibility garment
- Independently tested and type approved

COMFORT

ALPHATEC™ Breathable Chemical Protective Clothing is made of a unique breathable membrane from Gore that helps manage heat stress, enabling the wearer comfort throughout a full shift.

STANDARDS



• Certified according to NFPA 1992 – Liquid splash-protective clothing for hazardous materials emergencies.



- 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.*
- Tested according to ASTM F2302-08 – Standard Performance Specification for Heat and Flame Resistant Clothing.*



- Meets NFPA 70E – Standard for Electrical Safety in the Workplace, Hazard Risk Category (HRC) 2.*
- 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.*



- Certified according to ANSI/ISEA 107 – American National Standard for High-Visibility Safety Apparel and Headwear.**

APPLICATIONS

Chemical processing and handling, Dust exposures, Food processing, HazMat work, Metal plating, Mining, Oil & Gas, Petrochemicals and refining, Power plants, Pulp and paper production, Utilities.

GARMENT MATERIAL

ALPHATEC™ Polyester Clothing

– CHEMICAL PROTECTION & HIGH VISIBILITY

Trilaminar material with Polyester outer/PTFE-based GORE® membrane/ Polyester inner liner.

- Breathable membrane transports body moisture away from the body, reducing the risk of heat stress and improving productivity.
- Lightweight – approx. 7.2 oz/yd² (255 g/m²) – yet tough and durable.
- No impregnation i.e. the chemical protection remains even after use & washing.
- Maintains same appearance and performance level after multiple machine washes.

COLOR

Fluorescent orange, Red

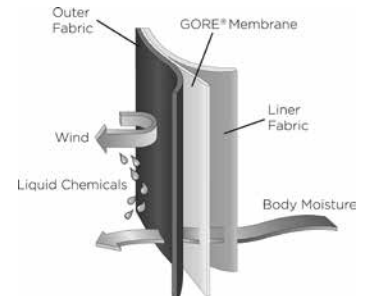
ALPHATEC™ FR Clothing – CHEMICAL & FIRE PROTECTION

Trilaminar material with Nomex® fabric outer/PTFE-based GORE® membrane/ Nomex® fabric inner liner.

- Breathable membrane transports body moisture away from the body, reducing the risk of heat stress and improving productivity.
- Nomex® fabric inner and outer surfaces provide Flame & Arc resistance.
- Lightweight – approx. 6.7 oz/yd² (220 g/m²) – yet tough and durable.
- No impregnation i.e. the chemical protection remains even after use & washing.
- Maintains same appearance and performance level after multiple machine washes.

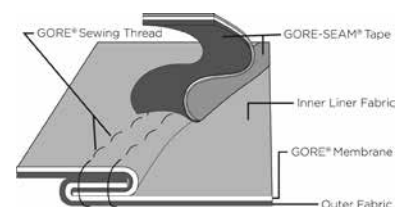
COLOR

Blue



SEAMS

The seams are stitched with thermally stable and chemically inert GORE® TENARA® Sewing Thread. In addition, the seams are heat-sealed with GORE-SEAM® tape to provide excellent performance against liquid penetration.



*ALPHATEC™ FR version only
** ALPHATEC™ HI-VIZ™ version only



PRODUCT STYLES

CHEMICAL PROTECTION & HIGH VISIBILITY

ALPHATEC™ HI-VIZ™ Clothing:

Coat	66-683
Coverall	66-687
Jacket	66-680
Bib Overall	66-682
Detachable Hood	66-684

CHEMICAL PROTECTION

ALPHATEC™ Polyester Clothing:

Coat	66-663
Coverall	66-667
Jacket	66-660
Bib Overall	66-662
Detachable Hood	66-664

CHEMICAL & FIRE PROTECTION

ALPHATEC™ FR Clothing:

Coat	66-671
Coverall	66-677
Jacket	66-670
Bib Overall	66-672
Detachable Hood	66-674

DESIGN FEATURES

- Raglan sleeves designed for comfortable arm movement
- Adjustable hook and loop closure straps at the wrist, ankle and front flap for snug fit
- Double front flap for secured closure
- Adjustable suspenders
- Front tab to clip a microphone or other devices
- Optional hood attached to the collar by means of Velcro hook and loop
- Optional hand-warmer and patch pockets

SIZES

The sizes of the clothing are indicated by letters S-XXXL. Measurements are taken on the product and reflect real product size. **Customized sizes are available upon request.** Please call customer service for details.

COAT

	SMALL	MEDIUM	LARGE	X-LARGE	2X-LARGE	3X-LARGE
HEIGHT	5'2"-5'4"	5'4"-5'6"	5'6"-5'9"	5'9"-5'11"	5'11"-6'2"	6'2"-6'4"
CHEST	23"	25"	27"	29"	31"	33"
SLEEVE	31"	33"	34"	35"	36"	37"
LENGTH	49"	49"	49"	49"	49"	49"

Sizes in ft/in.

COVERALL

	SMALL	MEDIUM	LARGE	X-LARGE	2X-LARGE	3X-LARGE
HEIGHT	5'2"-5'4"	5'4"-5'6"	5'6"-5'9"	5'9"-5'11"	5'11"-6'2"	6'2"-6'4"
CHEST	23"	25"	27"	29"	31"	33"
SLEEVE	31"	33"	34"	35"	36"	37"
INSEAM	31"	31"	31"	31"	31"	31"
WAIST	22"	24"	25"	27"	28"	30"
BACK	63"	64"	65"	66"	67"	67"

*Measured from highest point of shoulder point to leg end.

Sizes in ft/in.

JACKET

	SMALL	MEDIUM	LARGE	X-LARGE	2X-LARGE	3X-LARGE
HEIGHT	5'2"-5'4"	5'4"-5'6"	5'6"-5'9"	5'9"-5'11"	5'11"-6'2"	6'2"-6'4"
CHEST	23"	25"	27"	29"	31"	33"
SLEEVE	31"	33"	34"	35"	36"	37"
LENGTH	30"	30"	30"	30"	30"	30"

Sizes in ft/in.

BIB OVERALL

	SMALL	MEDIUM	LARGE	X-LARGE	2X-LARGE	3X-LARGE
HEIGHT	5'2"-5'4"	5'4"-5'6"	5'6"-5'9"	5'9"-5'11"	5'11"-6'2"	6'2"-6'4"
INSEAM	31"	31"	31"	31"	31"	31"
WAIST	22"	24"	26"	28"	30"	32"

Sizes in ft/in.



Wrist hook and loop closure



Double front flap hook and loop closure



Adjustable suspenders



Ankle hook and loop closure



Detachable hood
Front



Hand-warmer
pocket

ALPHATEC™ BREATHABLE PROTECTIVE CLOTHING RANGE



ALPHATEC™ Coat
made of Gore® Chemical Splash
fabric, HI-VIZ™ version.
66-683.



ALPHATEC™ Coverall
made of Gore® Chemical Splash
fabric, HI-VIZ™ version.
66-687.



ALPHATEC™ Jacket
made of Gore® Chemical Splash
fabric, HI-VIZ™ version.
66-680.



ALPHATEC™ Bib Overall
made of Gore® Chemical Splash
fabric, HI-VIZ™ version.
66-682.



ALPHATEC™ Coat
made of Gore® Chemical Splash
fabric, Polyester version.
66-663.



ALPHATEC™ Coverall
made of Gore® Chemical Splash
fabric, Polyester version.
66-667.



ALPHATEC™ Jacket
made of Gore® Chemical Splash
fabric, Polyester version.
66-660.



ALPHATEC™ Bib Overall
made of Gore® Chemical Splash
fabric, Polyester version.
66-662.



ALPHATEC™ FR Coat
made of Gore® Chemical Splash
fabric, Nomex® fiber version.
66-671.



ALPHATEC™ FR Coverall
made of Gore® Chemical Splash
fabric, Nomex® fiber version.
66-677.



ALPHATEC™ FR Jacket
made of Gore® Chemical Splash
fabric, Nomex® fiber version.
66-670.



ALPHATEC™ FR Bib Overall
made of Gore® Chemical Splash
fabric, Nomex® fiber version.
66-672.



Products that provide protection against chemicals are not 'chemical proof' and do not completely prevent or eliminate the potential for chemical burns or associated injuries. Products that provide 'fire protection' or 'flame resistance' are not 'fire proof' and will not completely prevent or eliminate the potential for burns or associated injuries. Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end-user's selection of Chemical Protective Product for a specific application. ® and ™ are trademarks owned by Ansell Limited or one of its affiliates, except as noted. GORE®, GORE-SEAM® and TENARA® are registered trademarks of W. L. Gore & Associates, Inc. Nomex® is a registered trademark of E. I. du Pont de Nemours and Company. © 2017 Ansell Limited. All Rights Reserved.

For more information visit our website: <http://protective.ansell.com>