









Protective Apparel & Accessories

Dedicated to the protection of people, products and environments[™]

AlphaProTech









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Protective Solutions for Healthcare Professionals

Alpha Pro Tech is a leading designer and manufacturer of disposable protective apparel for the healthcare professional. We are dedicated to producing the highest quality products and maintaining a leadership position in product development and design. Alpha Pro Tech is committed to offering customers the most innovative products possible. The depth of our design and manufacturing capabilities allows us to quickly create traditional and custom products to meet the evolving market requirements.

Innovation is at the forefront of all of the company's efforts. Alpha Pro Tech is always seeking new and better ways to do things in every area of its business...from product design and prototyping to manufacturing, quality control and customer service.





Alpha Pro Tech Facemasks & Shields

Alpha Pro Tech designs and manufactures a wide range of protective Facemasks and Face Shields for Healthecare Professionals in the Laboratory, Cleanroom and light Industrial markets. With a variety protective products and configurations, we have just the right one for your specific environment and/or application.

Many of the Facemasks incorporate Alpha Pro Tech's patented and integrated Magic Arch[™] and PFL[®] (Positive Facial Lock[®]) feature that enhance user comfort and product performance.

PFL® Masks

Breathe Easier and Safer

Features & Benefits: The innovative and patented Positive Facial Lock® (PFL®) feature utilizes our exclusive Twist-Seal® technology that allows the user to create a custom fit each and everytime. This unique feature significantly reduces the possibility of the user inhaling airborne contaminants and creates a positive seal to a variety of facial sizes and features. Additionally, the integrated Magic Arch™ prevents the mask from coming in contact with the user's nose and mouth thereby making it easier to breathe while enhancing filtration efficiency. The hypoallergenic materials used in the PFL masks create a durable exterior and a soft, comfortable interior.

Test Performed	Result (Average)
Differential Pressure per MIL-M36954C	2.3 mm H ₂ O/cm ²
Latex Particle Challenge (Filtration Efficiency) @ 0.1 micron per ASTM F2299	97.8%



608 PD

PFL® Headband Masks

608 Blue Stripe 608 PD Purple Designer

300/case (6 boxes of 50)

9608 White Cleanroom packaging

300/case (6 bags of 50)



615 BS

PFL® Ear Loop Masks

615 Blue 615 BS Blue Stripe 615 PD Purple Designer 615 PK Pink Stripe

300/case (6 boxes of 50)



PFL® Headband Masks No Magic Arch™

108 Blue

300/case (6 boxes of 50)



PFL® Ear Loop Masks No Magic Arch™

115 Blue

300/case (6 boxes of 50)

108 115



PFL® Laser Masks

PFL® Technology and Laser Plume Protection

Features & Benefits: The PFL® Laser mask effectively filters plumes during laser surgery. The mask utilizes Positive Facial Lock® technology with an integrated Twist-Seal® chin piece in the facemask to give everyone in the operating room a custom fit each time. The PFL® design helps eliminate the potential of inhaling airborne contaminants while maintaining a comfortable seal to the user's face. The patented and integrated Magic Arch™ technology prevents the mask from coming in contact with the user's nose and mouth thereby making it easier to breathe while enhancing filtration efficiency. These durable masks are made of hypoallergenic materials and have a smooth, soft interior for ultimate comfort.



638

PFL® Laser Masks

638 Gray Stripe, Single Headband

210/case (6 boxes of 35)

Jce	Test Performed	Result (Average)
	Differential Pressure per MIL-M36954C	2.9 mm H ₂ O/cm ²
Perto	Latex Particle Challenge (Filtration Efficiency) @ 0.1 micron per ASTM F2299	99.3%

PFL® N-95 Particulate Respirator

NIOSH Approved Respirator

Features & Benefits: The Positive Facial Lock® (PFL®) N-95 Particulate Respirator meets the World Health Organization (WHO) and the Centers for Disease Control (CDC) recommended protection levels (where applicable) for many airborne contaminants. NIOSH Certified, our N-95 delivers the appropriate amount of filtration efficiency and when combined with a trio of patented and unique design

features, also delivers the user a comfortable, custom fitting facemask. The integrated Magic Arch $^{\text{TM}}$ technology creates a breathing chamber within the facemask by holding it away from the user's nose and mouth. Our PFL technology, incorporating an integrated Twist Seal® chinpiece, helps the wearer create a perfect fit every time.



PFL® N95	
Particulate Respirator	

695 Teal Stripe

210/case (6 boxes of 35)

)ce	Test Performed	Result (Average)
rmar	Differential Pressure per MIL-M36954C	5.8 mm H ₂ O/cm ²
Perfo	Latex Particle Challenge (Filtration Efficiency) @ 0.1 micron per ASTM F2299	99.9%



CoolOne[™] Masks w/Magic Arch[™]

Cool Design, Very Cool Comfort

Features & Benefits: Thanks to the patented Magic Arch™ support, CoolOne facemasks give users cooler, more comfortable performance than other designs currently on the market. The integrated Magic Arch™ support strip holds the mask away from the nose and mouth to create a larger breathing chamber to enhance user comfort. Choose from tie strings, ear loops or ear loops with an anti-fog application - for use in high humidity environments or with protective eyewear.



BL 6001



BL 6055

CoolOne™ Ear Loop Masks

BL 6055 Blue
GR 6055 Green
PK 6055 Pink
YL 6055 Yellow

500/case (10 boxes of 50)

CoolOne™ Anti-fog Ear Loop Masks

BL 6155 Blue 500/case (10 boxes of 50)

Jce	Test Performed	Result (Average)
	Differential Pressure per MIL-M36954C	1.8 mm H ₂ O/cm ²
	Latex Particle Challenge (Filtration Efficiency) @ 0.1 micron per ASTM F2299	95.5%

CoolOne[™] Sensitive Skin Masks w/Magic Arch[™]

CoolOne™ Tie Mask

300/case (6 boxes of 50)

Blue

BL 6001

For Sensitive Skin

Features & Benefits: If you have skin sensitivity, choose the CoolOne Sensitive Skin facemask. These facemasks are hypoallergenic and free of pigments and dyes. The patented Magic Arch® support strip holds the mask away from the nose and mouth to create a larger breathing chamber to enhance user comfort. For a secure and comfortable fit, soft knit ear loops are available along with an anti-fog version for use in high humidity environments or with protective eyewear.

a)Ce	Test Performed	Result (Average)
rmar	Differential Pressure per MIL-M36954C	1.8 mm H ₂ O/cm ²
Perfo	Latex Particle Challenge (Filtration Efficiency) @ 0.1 micron per ASTM F2299	95.5%



WH 6155

CoolOne™ Sensitive Skin Ear Loop Mask

WH 1155 White

500/case (10 boxes of 50)

CoolOne™ Sensitive Skin Anti-Fog Ear Loop Mask

WH 6155 White

500/case (10 boxes of 50)

AlphaAir® Masks

Particle Filtration to 0.1 Micron

Features & Benefits: The high value AlphaAir® facemasks are clean, comfortable and provide outstanding particle filtration down to 0.1 micron. The full-length aluminum nosepiece helps provide a perfect fit every time. The sonic welded design ensures maximum protection for the user. The AlphaAir® is available with either ear loops or tie strings.

Jce	Test Performed	Result (Average)
rmar	Differential Pressure per MIL-M36954C	4.4 mm H ₂ O/cm ²
Perfo	Latex Particle Challenge (Filtration Efficiency) @ 0.1 micron per ASTM F2299	93.5%



AlphaAir® Ear Loop Masks

BL 5005 Blue GR 5005 Green PK 5005 Pink YL 5005 Yellow

500/case (10 boxes of 50)



AlphaAir® Tie Mask

BL 5100 Blue 300/case (6 boxes of 50)

YL 5005

DL 0100

ShieldMate® Mask w/Eye Shield

Double-Duty Protective Performance

Features & Benefits: Get both eye and face splash protection along with particulate filtration efficency in this truly unique design. The ShieldMate, a combination facemask and eye shield, features a low glare, anti-fog coated, optically clear shield that is ultrasonically welded to the facemask. Additionally, an anti-fog foam strip on the top of the facemask significantly reduces the potential for eyewear fogging. The patented Magic Arch™ support strip holds the mask away from the nose and mouth creating a larger breathing chamber to enhance user comfort. This results in a cooler, more comfortable performance for the wearer. Comfortable tie strings and a full-length aluminum nosepiece properly secure the ShieldMate facemask to the user.

ace	Test Performed	Result (Average)
	Differential Pressure per MIL-M36954C	2.3 mm H ₂ O/cm ²
Perfo	Latex Particle Challenge (Filtration Efficiency) @ 0.1 micron per ASTM F2299	97.8%



BL 8101S

ShieldMate® Mask w/Eye Shield

BL 8101S Blue

100/case (4 boxes of 25)



ShieldMate® Facemask w/Extended Shield

Wraparound Shield

Features & Benefits: This 100% polypropylene mask offers .1 micron filtration. Mask design features comfortable latex free ear loops and a full-length aluminum nosepiece. Low glare, optically clear, distortion-free shield is 5 mil thick. Wraparound shield has permanent anti-fog treatment on both sides.

)ce	Test Performed	Result (Average)
rmar	Differential Pressure per MIL-M36954C	4.4 mm H ₂ O/cm ²
Perfo	Latex Particle Challenge (Filtration Efficiency) @ 0.1 micron per ASTM F2299	93.5%



SM 2005X

ShieldMate® Mask w/Extended Shield

SM 2005X Blue

100/case (4 boxes of 25)

Coverall® Face Shields

High Performance Splash Protection

Features and Benefits: When you need total facial splash protection, choose the Coverall® face shield. The face shield's wrap-around design provides the wearer with great peripheral vision while acting as a protective shield against non-haz-ardous liquid splash and light particles in a Lab or Controlled Environment. The Coverall face shield is not ANSI Z87 rated for eye protection. You can wear the lightweight shield comfortably for long periods and it fits easily over prescription glasses or protective eyewear. A double-sided anti-fog coating

reduces the possibility of fogging in high humidity environments. For safe working conditions, the face shield is low distorting and 100% optically clear while a soft polyurethane foam headbandsecurely positions the device on the wearer.

Available in two styles: Full face shield and half face shield. Also available with an adjustable Velcro® band or with our latex free elastic Comfort headband. Individually packaged.



Coverall® Full Face Shields

2802 Full Face Shield w/Velcro® Adjustable Band

2807 Full Face Shield w/Comfort Band

100/case (4 boxes of 25)



Coverall® Half Face Shields

2803 Half Face Shield w/Velcro® Adjustable Band

Dariu

2808 Half Face Shield w/Comfort Band

100/case (4 boxes of 25)

2807





AlphaGuard® Garments

Perfect Balance of Protection and Comfort

Features & Benefits: AlphaGuard is the result of leading-edge technologies and brings to market a unique blend of physical properties that provides both the user and your production environment with a comfortable and efficient garment. AlphaGuard is a very breathable and comfortable material for the wearer while providing a high level of filtration efficiency for your environment. A low particle count adds another measure of environmental protection for your processes. AlphaGuard material is fluid repellent but not recommended for use with chemicals. The static dissipative material is recommended for those applications where electro-static dissipative (ESD) protection is required.



White	Size	Blue
N/A	S	CV-84032-1
CV-74032-2	M	CV-84032-2
CV-74032-3	L	CV-84032-3
CV-74032-4	XL	CV-84032-4
CV-74032-5	2X	CV-84032-5
CV-74032-6	3X	CV-84032-6
CV-74032-7	4X	CV-84032-7
CV-74032-8	5X	CV-84032-8

Elastic wrist, ankle & back 25/case

	Size	Body (A)	Chest (B)	Sleeve (C)	Leg (D)
<u>S</u>	S	36 ½"	23"	32 ½"	28"
on	М	37 ½"	24 1/4"	34"	28 ½"
Dimensions	L	38 ¾"	25"	34"	29 ½"
en	XL	40"	27"	36 ½"	30"
im	2X	40 ½"	29 ¾"	37"	31"
	3X	43"	32"	38"	32"
	4X	43"	32 ½"	41"	32 ½"
	5X	43 ½"	33 ½"	42"	33"



	t Wrist

White	Size	Blue
LC-32632-1	S	LC-31632-1
LC-32632-2	M	LC-31632-2
LC-32632-3	L	LC-31632-3
LC-32632-4	XL	LC-31632-4
LC-32632-5	2X	LC-31632-5
LC-32632-6	3X	LC-31632-6
LC-32632-9	4X	LC-31632-9

Tapered collar, knit wrist, 3 pockets, snap close 30/case



(B)	Sleeve (C)
" 24 ¼"	30"
" 25 ¼"	30 ¼"
27"	32 ½"
" 27 ¾"	33"
" 29 ½"	37 ½"
" 30 ¾"	38 1⁄4"
" 31 ½"	39 1/4"
	" 24 1/4" " 25 1/4" 27" " 27 3/4" " 29 1/2" " 30 3/4"



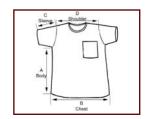


AlphaGuard® Garments

Scrub Shirts - Short Sleeve

Blue	Size
WS-23921-1	S
WS-23921-2	M
WS-23921-3	L
WS-23921-4	XL
WS-23921-5	2X
WS-23921-6	3X
WS-23921-7	4X

Round neck, banded collar, one pocket, safety stitched 30/case



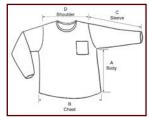
S	Size	Body (A)	Chest (B)	Sleeve (C)	Shoulder (D)
- L	S	17 ½"	22 ½"	6 ½"	17"
Si.	M	17 ¾"	24 ½"	6 3/4"	18 ¼"
ü	L	18"	26 ½"	7 1/4"	19 ¼"
Dimensions	XL	18 ½"	27 ¾"	7 3/4"	20 ½"
Ē	2X	18 ¾"	28 ½"	8 3/4"	22 1/4"
	3X	19"	30"	9 1/2"	22 ¾"
	4X	19 ½"	31 ¾"	9 3/4"	24 ½"



Scrub Shirts - Long Sleeve

Blue	Size
WS-23221-1	S
WS-23221-2	M
WS-23221-3	L
WS-23221-4	XL
WS-23221-5	2X
WS-23221-6	3X
WS-23221-7	4X

Round neck, banded collar, elastic wrist, one pocket, safety stitched 30/case



S	Size	Body (A)	Chest (B)	Sleeve (C)	Shoulder (D)
on	S	17 ½"	22 ½"	20 ½"	17"
Si	М	17 ¾"	24 ½"	21 ½"	18 ¼"
Ü	L	18"	26 ½"	22 ¾"	19 ¼"
Dimensions	XL	18 ½"	27 ¾"	24 1/4"	20 ½"
	2X	18 ¾"	28 ½"	25 ¾"	22 1/4"
	3X	19"	30"	27"	22 ¾"
	4X	19 ½"	31 ¾"	28 ½"	24 ½"



Scrub Pants

Blue	Size
WP-23322-1	S
WP-23322-2	M
WP-23322-3	L
WP-23322-4	XL
WP-23322-5	2X
WP-23322-6	3X
WP-23322-7	4X

Spandex waist,
1 pocket, reinforced crotch,
safety stitched
30/case



S	Size	Leg (A)	Waist Relaxed (B)	Waist Stretched (B)
Ë	S	38"	9 1/4"	16 ½"
Si.	М	40 ¾"	10 1/4"	18 ¼"
Dimensions	L	43"	12"	21 ½"
ne	XL	45"	12"	21 ½"
Ë	2X	45"	12 1/4"	23 ½"
	3X	46"	14 1⁄4"	25 ¼"
	4X	46 ½"	14 ½"	26"

GenPro® Garments

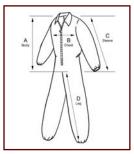
First Choice for Dry, Non-Hazardous Areas

Features & Benefits: Designed for non-hazardous, general purpose environments and with exceptional breathability and moderate barrier protection, GenPro garments are ideal for your personnel as well as for visitors to your facility. The lightweight, durable material lets you stay clean and comfortable all day while providing a limited barrier to particulates and contamination. It is the perfect solution for protecting your clothes while offering comfort and breathability.

Coveralls

White	Size
CV-14032-2	M
CV-14032-3	L
CV-14032-4	XL
CV-14032-5	2X
CV-14032-6	3X
CV-14032-7	4X
CV-14032-8	5X

Elastic wrist, ankle & back 25/case



	Size	Body (A)	Chest (B)	Sleeve (C)	Leg (D)
SU	M	37 ½"	24 1/4"	34"	28 ½"
<u>0</u>	L	38 ¾"	25"	34"	29 ½"
ns	XL	40"	27"	36 ½"	30"
Dimensions	2X	40 ½"	29 ¾"	37"	31"
٥	3X	43"	32"	38"	32"
	4X	43"	32 ½"	41"	32 ½"
	5X	43 ½"	33 ½"	42"	33"



Lab Coats - Knit Wrist

White	Size
LC-12632-1	S
LC-12632-2	M
LC-12632-3	L
LC-12632-4	XL
LC-12632-5	2X
LC-12632-6	3X

Tapered collar, knit wrist, 3 pockets, snap close 30/case



ω.	Size	Body (A)	Chest (B)	Sleeve (C)
SUC	S	36 ¾"	24 1/4"	30"
sic	М	39 ½"	25 1⁄4"	30 1⁄4"
en	L	40"	27"	32 ½"
Dimensions	XL	42 3/4"	27 3/4"	33"
Ω	2X	43 ½"	29 ½"	37 ½"
	3X	44 ½"	30 ¾"	38 ¼"



GenPro® Garments

Gowns

Full coverage, elastic wrist, banded ties at neck & waist 50/case



Dimensions	Size	Body (A)	Chest (B)	Sleeve (C)	Waist Tie Length (D)	Neck Tie Length (E)
me	Univ	45"	27"	23"	29 ½"	11"
۵	XL	47 1⁄4"	30"	24 ¾"	29 ½"	11"



Bouffants

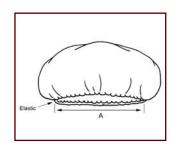
 White
 Size

 BO-13821-B
 21"

 BO-13824-B
 24"

 BO-13826-B
 26"

Lightweight, elastic band, latex-free 1,000/case





imensions	Size	Diameter (Relaxed) (A)	Diameter (Stretched) (A)
ens	21"	8"	21"
Dim	24"	8 ½"	24"
	26"	9"	26"

AquaTrak® Boot Covers

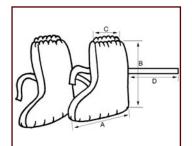
Superior Traction in Wet & Dry Conditions

Features & Benefits: Our ankle high AquaTrak® boot cover provide superior anti-skid properties in wet and dry conditions. A seamless sole design with sonic welded seams makes our ankle high boot cover impervious to liquids and provides appropriate particle holdout. AquaTrak material exhibits a low particle count and offers super protection against particles, biologicals, fluids and light chemical splash.

Sonic Welded Ankle High Boot Covers

		Thread
Blue	Size	Colors
BT-91412-B	Univ	White
BT-91413-B	XL	Black

Sonic welded seams, serged seam elastic top, ankle ties 100 pair/case





Dimensions	Size	Length (A)	Height (B)	Top Relaxed (C)	Top Stretched (C)	Tie Length (D)
ime	Univ.	15 ½"	17"	6"	11 ½"	17"
	XL	16"	18"	6 ½"	12 ½"	17"

SureGrip[™] Shoe Covers

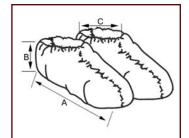
Inherently Non-Skid

Features & Benefits: Proven in the marketplace, our SureGrip[™] shoe covers have established themselves as the shoe cover of choice for a wide range of floor surfaces and in many different applications. Combining durability and cleanliness with outstanding anti-skid properties, SureGrip provides you with a blend of unmatched performance and overall value. Serged seams add extra strength, traction and is a snug fit for safety. Thread colors around the opening provide convenient size identification.

Serged Seams Shoe Covers

		Thread
Blue	Size	Colors
SH-X1222-B	Univ.	White
SH-X1223-B	XL	Black
SH-X1224-B	2X	Blue

Non-conductive, serged seams 150 pair/case





sions	Size	Length (A)	Height (B)	Top Relaxed (C)	Top Stretched (C)
imensi	Univ.	15 ½"	6 1⁄4"	4 ½"	9 ½"
Dim	XL	17"	6 ½"	5"	11 ½"
	2X	18 ½"	6 ¾"	5 ½"	12 ½"



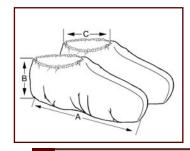
CPE Shoe Covers

Heat-Sealed, Seamless Construction

Features & Benefits: Our CPE film shoe covers are ideal for many applications where value and transition are required. Whether your new Controlled Environment is

under construction or you need to temporarily utilize a shoe cover in the donning process or for movement within your facility, our CPE is the product of choice.







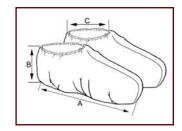
ensions	Size	Length (A)	Height (B)	Top Relaxed (C)	Top Stretched (C)
Dim	XL	16"	5 ¾"	3 1⁄4"	16"

GenPro® Shoe Covers

Economy Shoe Cover Ideal for Visitor Use

Features & Benefits: Have these lightweight, breathable GenPro® shoe covers available for visitor and other non-hazardous area uses. The non-conductive, anti-skid shoe covers provide a moderate barrier to fluids, particulates and contamination. This category of shoe covers are not appropriate for use in protecting employees from environmental risks or protecting controlled environments from employee contamination.

Shoe Covers Anti-Skid Heat Sealed Seams					
Blue SB41221-B SB41222-B	Size Univ. XI				
White SB51221-B	Size Univ.				
SB51222-B XL Non-skid, heat sealed seams 150 pair/case					





Dimensions	Size	Length (A)	Height (B)	Top (Relaxed) (C)	Top (Stretched) (C)
me	Univ	15"	7 ½"	5"	10"
ם	XL	17"	7 ½"	5"	11 ½"



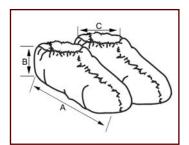


GenPro® Shoe Covers

Shoe Covers Serged Seams

Blue Size Color SH-61222-B Univ White SH-61223-B XL Black

> Elastic inside, serged seams 150 pair/case





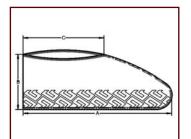
Dimensions	Size	Length (A)	Height (B)	Top (Relaxed) (C)	Top (Stretched) (C)
me	Univ	15 ¾"	7"	4 ½"	10 ¾"
۵	XL	17 ½"	7"	5"	12"

Shoe Covers Anti-Skid

Blue Size Color SH-71222-B Univ White SH-71223-B XL Black

Anti-skid adhesive on sole, serged seams 150 pair/case

* These shoe covers contain natural latex rubber.





Dimensions	Size	Length (A)	Height (B)	Top (Relaxed) (C)	Top (Stretched) (C)
me	Univ	15 ¾"	7"	4 ½"	10 ¾"
٥	XL	17 ½"	7"	5"	12"

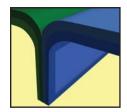
Ultrasonically Welded Seams

There are no thread or needle holes with this seam. The material is welded together creating a superior particle and fluid barrier



Heat Sealed Seams

This strong, impervious seam is used when ultrasonic welding is incompatible with the garment material. Used in shoe cover production.



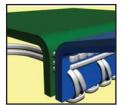
Serged Seams

This seam is produced when the threads are interlocked around the material edges for a strong stress-resistant seam.



Safety Stitched Seams

An extra safety stitch is added above the serged seam to offer added strength, durability and protection.



Designed to Limit Contamination Entering Your Environment

- Packaged in a primary vacuum heat sealed bag, carton liner and outer corrugated carton to prevent cross contamination and contamination migration from one environment to another.
- All garments are precision folded and stacked within the primary bag to permit efficient storage with or without bins.
- · All open seams on shipping containers are tape sealed to further prevent contamination.
- · Four-sided carton labeling allows easy identification and inventory management.



Primary Bag, heat sealed



Carton Liner



Open carton with taped down liner



Sealed carton with two corner labels



Apparel Packaging Perfection



ction

Dispenser Boxes

Dispenser Box Packaging



Dispenser boxes in carton



Carton taped sealed

Cleanroom Packaging



Masks in heat-sealed bag

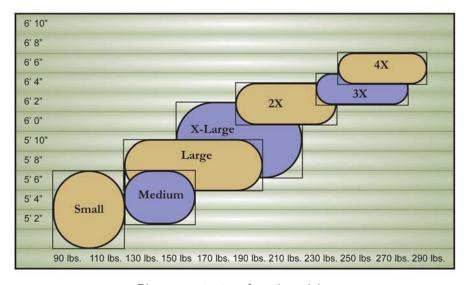


Mask bags in carton liner with carton



Carton taped sealed

Sizing Chart



Please contact us for other sizing

	Standard Applied	Test Method	AlphaGuard®	AquaTrak®	SureGrip™
Physical Properties	Ball Burst Strength	ASTM D3787 (Puncture Strength)	Average 14 lbs	Average 23 lbs	Average 30 lbs
	BFE (Bacterial Filtration Efficiency)	MIL-M-36954C	84.00%	99.90%	99.90%
	COF (Coefficient of Friction)	ASTM D1894 (Film to Metal Test)	N/T	Static 0.619 Kinetic 0.607	Static 0.700 Kinetic 0.795
	Delta P (Differential Pressure)	MIL-M-36954C	mm H ₂ O/cm ² 1.70	mm H ₂ O/cm ² >119	mm H ₂ O/cm ² >119
	ESD (Electrostatic Decay Rate)	Fed. Std. 101C Method 4046 ASTM D257	Pass	N/T	N/T
	Grab Tensile Properties	ASTM D751 MD-Tensile Strength TD-Tensile Strength	Average 16 lbs 27 lbs	Average 28 lbs 40 lbs	Average 26 lbs 30 lbs
	Helmke Drum	IEST-RP-CC003.3	Category II	Category I	Category I
	Hydrostatic Resistance	ASTM D751	N/T	20 psi	N/T
	Mass/Unit Area	ASTM D751	Average 1.46 oz/sq yd	Average 1.77 oz/sq yd	Average 1.46 oz/sq yd
	Mullen Burst Strength	ASTM D3786	144 psi	146 psi	67 psi
	Puncture Propagation Tear Resistance	ASTM D2582 MD-Tensile Strength TD-Tensile Strength	Average 7 lbs 11 lbs	Average 10 lbs 9 lbs	Average 6 lbs 4 lbs
	Trapezoid Tearing Strength	ASTM D4533 MD-Tensile Strength TD-Tensile Strength	Average 11 lbs 7 lbs	Average 12 lbs 17 lbs	Average 12 lbs 12 lbs
	Water Resistance Impact Penetration	AATCC Method 42	Penetration Seen	No Visible Penetration	No Visible Penetration
	Water Vapor Transmission	ASTM E96	Average 1.328 oz/yd ² /hr	Average 0.017 oz/yd ² /hr	Average 0.021 oz/yd ² /hr

MD - Machine Direction TD - Transverse Direction NT - Not Tested

WARNING: These garments and associated materials are not suitable for use in some environments containing certain chemicals and/or hazardous agents. It is the responsibility of the user to determine the level of risk in a particular environment and the proper personal protection equipment needed. Garments manufactured from synthetic non-woven material may generate static electricity. Garments that contain an anti-stat treatment arenot intended to be used as a safety feature. These garments are not recommended to be used in a flammable and/or explosive environment. If you have any questions, contact your distributor or Alpha Pro Tech for garment/fabric safety data. The use of this product is out of Alpha Pro Tech's control. Therefore, Alpha Pro Tech makes no warranties, expressed or implied, and assumes no liability as to the performance of these products for a particular use. **CAUTION: AVOID HEAT AND/OR OPEN FLAME.**

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