Lakeland Protect Your People™

Protective Clothing for Utilities

Lakeland

Call Today **800-645-9291** **256-350-3873** • www.lakeland.com • info@lakeland.com

Breathable Mesh Arc Rated Vests

A. Style V-8AM0112VL

Basic Class 2 Vest

Modacrylic mesh with modacrylic binding

- Meets ANSI 107-2010, Class 2 specifications
- 2" Silver heat transferred trim
- Hook & loop front closure
- 27" length

Sizes: M-6XL
Color: Lime Yellow
Air Flow: 513 CFM
ATPV: 4.6 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

B. Style V-8AM0322VL

Adjustable Snap Sides Plus High Contrast Binding!

Modacrylic mesh with orange modacrylic binding

- Open-sides with adjustable snap closures
- 2" Silver heat transferred trim
- Meets ANSI 107-2010, Class 2 specifications
- Hook and loop closure
- 27" length

Sizes: S/M, L/XL, 2/3XL, 4/5XL
Color: Lime Yellow with contrast
Option: Zipper closure
Air Flow: 513 CFM
ATPV: 4.6 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

C. Style V-8AM1412VL

5 Point Breakaway

Modacrylic mesh with modacrylic binding

- Breakaway points at shoulders, sides and front closure
- Hook and Loop front closure
- Hook and Loop adjustable sides
- 2" Silver heat transferred trim
- Meets ANSI 107-2010, Class 2 specifications
- 24" length

Sizes: S/M, L/XL, 2/3XL, 4/5XL
Color: Lime Yellow
Air Flow: 513 CFM
ATPV: 4.6 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

Need Identification or Corporate Branding on Your Lakeland Vests?

We can make that happen! Ask your Lakeland Sales Representative for details!
Call 800-645-9291

D. Style V-8AM2023VL
Class 3 Vest with Lanyard Port

Modacrylic mesh with orange modacrylic binding

- Reinforced lanyard port. Meets ANSI 107-2010, Class 3 specifications
- Open-sides with adjustable hook & loop
- 2" Silver heat transferred trim
- Hook & loop front closure
- 27" length

Sizes: M-6XL
Colors: Lime Yellow with contrast
Air Flow: 513 CFM
ATPV: 4.6 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

E. Style V-8AM0113VL
Basic Class 3 Vest

Modacrylic mesh with modacrylic binding

- ANSI 107-2010, Class 3
- 2" Silver heat transferred trim
- Hook & loop front closure
- 27" length

Sizes: M-6XL
Color: Lime Yellow
Air Flow: 513 CFM
ATPV: 4.6 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

F. Style V-8AM0312ZL
Non-conductive Zipper Closure

Modacrylic mesh with modacrylic binding

- Non-conductive zipper front closure
- Open-sides with adjustable snap closure
- 2" Silver heat transferred trim
- Meets ANSI 107-2010, Class 2 specifications
- 27" length

Sizes: S/M, L/XL, 2/3XL, 4/5XL
Color: Lime Yellow
Air Flow: 513 CFM
ATPV: 4.6 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

G. Style V-8AM0123ZL
Class 3 Vest with Optional Lanyard Port

Modacrylic mesh with orange modacrylic binding

- Meets ANSI 107-2010, Class 3 specifications
- 2" Silver heat transferred trim
- Non-conductive zipper closure
- Features 2 slant front pockets
- 27" Length

Sizes: Med-6X
Colors: Lime Yellow with contrast
For Lanyard Port, order with Option "O"
Air Flow: 513 CFM
ATPV: 4.6 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

Solid Fabric Arc Rated Vests • Static Dissipative 10mm Carbon Grid

What is Static Dissipative Fabric?

Lakeland's new FR, Static Dissipative Fabrics, 10A (solid) and 10AM (mesh), are each designed with a carbon core fiber. In environments where natural gas transmission, exploration, drilling and transportation exist, there is always notable concern for static build-up. These environments are where a carbon fiber blended fabric is necessary and essential.

Documentation and proof of static dissipative claims in these environments are achieved using the Gas Probe Test, Shirley Method 138-2000 and the Static Decay Test, Method 191A and 5931. Both tests are similar using "worst case conditions" scenarios, and require a 50 specimen sample size. In the tests, fabric is charged to 4,000 volts during a 20 second period, and conclusive results specify a decay time to 10% maximum voltage at 0.5 seconds. All 50 specimens must pass the test before the fabric can cite these static dissipating claims. Both the 10A (Solid) and 10AM (Mesh) fabrics have passed this rigorous panel of testing.

Style V-10A0112ZL
Anti-static 10mm Carbon Grid

Modacrylic blend with modacrylic binding

- Static Dissipative 10mm carbon grid
- Non-conductive zipper front closure.
- 2" Silver heat transferred trim
- Meets ANSI 107-2010, Class 2 specifications
- 27" length

Sizes: M-6XL
Color: Lime/Yellow
ATPV: 6.3 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E,
Gas Probe Test, Shirley Method 138-2000 – Pass
Static Decay Test, Methods 191A and 5931 – Pass

Style V-10A1723ZL
Adjustable Snaps on Sides and Sleeves

Modacrylic blend with orange modacrylic binding

- Static Dissipative 10mm carbon grid
- Adjustable open-sides with snaps
- Adjustable snap sleeves
- 2" Silver heat transferred trim
- Meets ANSI 107-2010, Class 3 specifications
- Non- conductive zipper front closure
- 27" length

Sizes: S/M, L/XL, 2X/3X, 4X/5X
Color: Lime/Yellow with contrast
ATPV: 6.3 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E,
Gas Probe Test, Shirley Method 138-2000 – Pass
Static Decay Test, Methods 191A and 5931 – Pass

Mesh Fabric Arc Rated Vests • Static Dissipative 10mm Carbon Grid

A

B

C

A. Style V-10AM2023ZL
Class 3 Vest with Lanyard Port

Static Dissipative Mesh with Orange FR Modacrylic Binding

- Meets ANSI 107-2010, Class 3 specifications
- 2″ Silver heat transferred trim
- Non-conductive zipper front closure
- Reinforced lanyard port
- 27″ length

Sizes: M-6XL
Color: Lime Yellow with contrast binding
Air Flow: 513 CFM
ATPV: 5.2 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

B. Style V-10AM0123ZL
Basic Class 3 Vest

Static Dissipative Mesh with Orange FR Modacrylic Binding

- Meets ANSI 107-2010, Class 3 specifications
- Non-conductive zipper front closure
- 2″ Silver heat transferred trim
- 27″ length

Sizes: M-6XL
Color: Lime Yellow with contrast binding
Air Flow: 513 CFM
ATPV: 5.2 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

C. Style V-10AM0322ZL
Class 2 Vest, Zipper Closure

Static Dissipative Mesh with Orange FR Modacrylic Binding

- Meets ANSI 107-2010, Class 2 specifications
- Non-conductive zipper front closure
- Open-sides with adjustable snap closures
- 2″ Silver heat transferred trim
- 27″ length

Sizes: S/M, L/XL, 2/3XL, 4/5XL
Color: Lime Yellow with contrast binding
Air Flow: 513 CFM
ATPV: 5.2 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

Durable Solid Fabric Vests

A

B

A. V-8A0112VL - Lime Yellow
V-8A0112VO - Orange
Class 2 Hook and Loop Closure

Modacrylic woven with modacrylic binding

- Hook and loop front closure
- Meets ANSI 107-2010, Class 2 specifications
- 2" Silver heat transferred trim
- 27" length.

Sizes: M – 6X
Color: Lime Yellow – V-8A0112VL
Orange – V-8A0112VO
ATPV: 5.5 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

B. V-8A0113VL
Class 3 Vest with Sleeves
Hook and Loop Closure

Modacrylic woven with modacrylic binding

- 2" Silver heat transferred trim
- ANSI 107-2010, Class 3
- Hook & loop front closure
- 27" length.

Sizes: M-6XL
Color: Lime Yellow
ATPV: 5.5 cal/cm^2
CAT Level: 1
Testing: ASTM F1506, NFPA 70E

D. Style V-7AFR0412VL
5 Point Breakaway CAT Level 2 Vest

Twill Vest with Modacrylic binding
Meets ANSI 107-2010, Class 2 specifications

- Hook and loop closure
- 5 point breakaway vest
- Open-sides with adjustable hook & loop
- Radio pocket with strap
- Mic tabs
- 2" Silver heat transferred trim

Regular Size: 27" length
Oversized: 29" length
Sizes: Size R fits M-2XL ; size O fits 3XL-5XL
Color: Lime/Yellow
ATPV: 8.4 cal/cm^2
CAT Level: 2
Testing: ASTM F1506, NFPA 70E

D

Customize Your Vest to Make It Suit Your Needs with These Great Lakeland Options!

Radio Pockets

Carry your smart phone or radio securely with Lakeland radio pockets. Velcro tab keeps the device in place.

Option	*Pocket Dimensions*
#45	4" x 5" radio pocket with strap closure
#55	5" x 5" radio pocket with strap closure
#67	6" x 7" radio pocket with strap closure
#21	6" x 5" inside/tablet pocket with 5" x 5", 3 pencil slots referred to as a 2 in 1 pocket.

Lanyard Ports

Lakeland Lanyard Ports are reinforced to resist rip-outs and give you extra tough durability! Order Option O.

Identity Programs

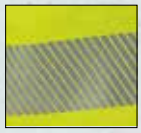
Corporate Logo's or other job function identifier can be applied via Silkscreen or Digital Die Cut Letters.

ID panels

Silver 4" x 18" Reflective ID panels quickly identify job functions. Great for Incident Command System environments.

CAT 2 FR Jersey Knit Shirts

A



Segmented Trim is lighter in weight, and more breathable than solid reflective trim. All those little diagonal spaces add up to more comfort for you!

A. Style S-FRJ0653L
Class 3 Shirt with Segmented Trim!

3012 Modacrylic Jersey knit
- Cotton plated inside
- Henley style, 3 button front, long sleeve
- Meets ANSI 107-2010, Class 3 specifications
- 3M Scotchlite Reflective Material - Segmented Trim

Sizes: S-6XL
Color: Lime/Yellow
EBT: 10 cal/cm^2
CAT Level: 2
Testing: ASTM F1506, NFPA 70E
Also available with solid silver trim, Style S-FRJ0613L

B. Style T-FRJ0513L
Crew Neck Class 3 Knit Shirt

3012 Modacrylic Jersey knit
- Long sleeves
- Cotton plated inside
- Crew ribbed collar and cuffs
- Meets ANSI 107-2010, Class 3 specifications
- 2" - 3M Scotchlite Reflective Material

Sizes: S-6XL
Color: Lime/Yellow
EBT: 10 cal/cm^2
CAT Level: 2
Testing: ASTM F1506, NFPA 70E

C. Style T-FRJ0713L
Crew Neck Class 3 Tee Shirt

3012 Modacrylic Jersey Knit
- Short sleeves
- Cotton plated inside
- Crew ribbed collar
- 2" - 3M Scotchlite Reflective Material
- Meets ANSI 107-2010, Class 3 specifications

Sizes: M-6XL
Color: Lime/Yellow
EBT: 10 cal/cm^2
CAT Level: 2
Testing: ASTM F1506, NFPA 70E

B

C

3M | Scotchlite™ Reflective Material

FR Coveralls

A

B

C

A. Style TSP010L
ANSI Class 3 FR Coverall
NFPA 2112 UL Certified

- Meets ANSI 107-2010, Class 3 Specifications
- Tecasafe® Plus 7 oz. FR Fabric
- Chest, seat and swing pockets
- 2" silver heat transferred trim
- Zipper front closure
- Adjustable wrists
- 16" zippered boot openings

Sizes: Small – 6XL, Talls also available
Color: Lime Yellow
ATPV: 8.4 cal/cm^2
CAT Level: 2
Testing: ASTM F1506, NFPA 70E, NFPA 2112 UL Certified

B. Style C081/C081RT*
9 oz. 100% FR Cotton Coverall
NFPA 2112 UL Certified

*Available with Reflective Trim (RT)

- Flared Leg Cuffs
- Pleated Back with Elastic Waist
- 7 Pockets
- Adjustable Sleeve Cuffs
- Sewn throughout with FR thread

Also available in 7 oz. 100% FR Cotton
Sizes: Small – 6XL, Talls also available
Colors: Navy, Khaki, Gray (C081 also in Orange)
ATPV: 12.4 cal/cm^2
CAT Level: 2
Testing: NFPA 70E, NFPA 2112 UL Certified

C. Style C010/C020
DuPont™ Nomex® IIIA Coveralls
CAT Level 1

- 2 chest patch pockets
- Pleated Bi-Swing Back with Elastic Waistband
- Heavy Duty 2-Way Zipper
- Utility Pocket on Right Leg
- Adjustable Sleeve Cuffs
- Hip Pockets with snap closure on left pocket
- Exact Chest Sizing

C010 – 4.5 oz. DuPont™ Nomex® IIIA
ATPV: 4.6 cal/cm^2
CAT Level: 1
Testing: NFPA 70E, NFPA 2112 UL Certified
Colors: Khaki and Navy

C020 – 6.0 oz. DuPont™ Nomex® IIIA
ATPV: 5.7 cal/cm^2
CAT Level: 1
Testing: NFPA 70E, NFPA 2112 UL Certified
Colors: Navy and Orange

FR Clothing

A

NEW! VENTED BACK

B

NEW! VENTED BACK

C

A. Style NISH7VB Vented-Back FR Shirt

NFPA 2112 UL Certified

7 oz. 88/12 FR Cotton

- Aramid Mesh Vented Back
- Button Down Collar
- Long Sleeve with Button Cuffs
- Two Chest Pockets
- Long Rounded Tail

Sizes: Small – 5XL
Color: Khaki and Gray
ATPV: 8.0 cal/cm^2
CAT Level: 2
Testing: NFPA 70E, NFPA 2112 UL Certified

B. Style NC071V Vented-Back FR Coverall

NFPA 2112 UL Certified

7 oz. 88/12 FR Cotton

- Aramid Mesh Vented Back
- Flared Leg Cuffs
- Two Zippered Chest Pockets
- Elasticized Waistband
- Two Swing Pockets with Safety Pass-Thru

Sizes: Small – 5XL
Color: Khaki and Gray
ATPV: 8.0 cal/cm^2
CAT Level: 2
Testing: NFPA 70E, NFPA 2112 UL Certified

C. Style NC070FRC 7 oz. Economy FR Coverall

NFPA 2112 UL Certified

7 oz. 100 % FR Cotton Twill

- Pleated bi-wing back
- Elastic waist
- Two hip pockets
- Swing pockets with pass-thrus
- Adjustable sleeve cuffs

Sizes: Small – 5XL, Talls also available
Color: Navy, Khaki and Gray
ATPV: 9.8 cal/cm^2
CAT Level: 2
Testing: NFPA 70E, NFPA 2112 UL Certified

Let Lakeland Handle Your Corporate Branding Needs!

- *Embroidery*
- *Fabric Patches*
- *Sublimated Patches*

Lakeland

Insulated FR Clothing

D

E

F

D. Style IJKBD10
FR Insulated Industrial Jacket
CAT Level 4 Protection

- 10 oz. Brown Duck Outer Shell
- 9 oz. FR Insulated Batting
- Polyurethane Wind Barrier
- D-Ring Pass Thru Standard
- Corduroy Collar
- 4 Pocket Construction

Sizes: Small – 5XL
Color: Brown
ATPV: 50.0 cal/cm^2
CAT Level: 4
Testing: NFPA 70E

D-Ring Pass Through Standard!

E. Style IC08RT13
Insulated FR Coveralls
CAT Level 4 Protection

- 9 oz. FR Cotton, Water Repellant Outer-shell
- Polyurethane Wind Barrier
- 9 oz. FR Quilted Insulated Batting
- Reflective Trim for Added Visibility
- Bi-swing Back and Elastic Waist
- Leg Zippers with Full Gussets
- Storm Flap and Oversized Pockets

Sizes: Small – 5XL
Color: Navy with Reflective Trim
ATPV: 50.0 cal/cm^2
CAT Level: 4
Testing: NFPA 70E and ASTM F1506

F. Style IP08RT13 Insulated FR Parka, Style IB08RT13 Bib Pants
CAT Level 4 Protection

- 9 oz. FR Cotton, Water Repellant Outer-shell
- Polyurethane Wind Barrier
- 9 oz. FR Quilted Insulated Batting
- Reflective Trim for Added Visibility
- Parka has Bi-Swing Back and Elastic Waist
- Non-Metallic Suspenders on Bibs
- Bibs have Leg Zippers with Full Gussets

Sizes: Small – 5XL
Color: Navy with Reflective Trim
ATPV: 50.0 cal/cm^2
CAT Level: 4
Testing: NFPA 70E and ASTM F1506

FR/ARC Rated Rainwear

Lakeland ARC TECH® Premium Quality
POLYURETHANE FR/ARC RATED RAINWEAR
ANSI Certified, ASTM Arc and Flash Fire Rated for Electric and Gas Applications

AJPU10LY
Rain Jacket
Meets ANSI 107-2010
Class 3
- Oversized Hood
- D-Ring pass through
- Vented back
- Hand warmer pockets

Sizes: S- 6X
Tall Sizing Available

ALCPU10LY
48″ Rain Coat
Meets ANSI 107-2010
Class 3
- 48 inch long coat
- Oversized Hood
- Anti-wicking dam
- Vented Back

Sizes: S- 6X

ABPU10LYZ
Bib Style Rain Pant
Meets ANSI 107-2010
Class E
- Cargo Pocket
- Non-metallic, quick release clips
- 16 inch zippered boot openings
- 2 snap fly
- Anti-wicking dam

Sizes: S- 6X
Tall Sizing Available

APPU10LYZ
Rain Pant
Meets ANSI 107-2010
Class E
- 16 inch zippered boot openings
- 2 snap fly
- Anti-wicking dam

Sizes: S- 6X
Tall Sizing Available

Arc Rated Rainwear Standard Features!

Ventilated back

3″ internal anti-wicking dam on bottom of jacket and pants to prevent internal moisture migration

Over-size jacket hood with adjustable draw string fits comfortably over a hard hat

Leg zipper for easy donning and doffing over boots and work shoes.

PU offers Superior Performance vs. PVC:

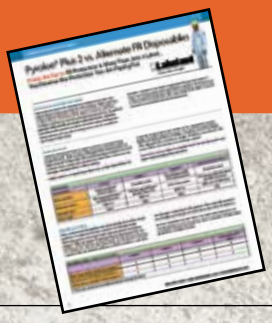
More Comfortable • Cooler: Breathes and releases perspiration • Softer and more flexible • Lighter weight
More Durable for Longer Wear Cycle
- Softness and pliability make it less prone to get caught on branches and brush
- Superior puncture, tear and abrasion resistance
- Reinforced HF welded/sealed seams for maximum strength
- Saves money in the long run

Polyurethane Arc Rated Test Data

Certification: Meets NFPA 70E
Jacket and Coat: ANSI 107-2010 Class 3
Bib Overall and Pant: ANSI 107-2010 Class E
ASTM F1891 • ASTM F2733 • ASTM F903

Specification:
Fabric information: 10.0 oz.^{2} Polyurethane over FR cotton knit
Arc Rating: 16.3 Cal/cm2
CAT Level: 2
HAF: 84%
MVTR: 305G/M^2/24H
Total % body burn: 12.30%
3rd degree burn: 6.55%

Pyrolon® FR Disposable Clothing



Download our FREE Pyrolon Plus 2 vs. Alternate FR Disposables Data Sheet. Know the Facts! www.lakeland.com

Pyrolon® Plus 2

Perfect for use over thermally protective and arc protective clothing!

Pyrolon® Plus 2 offers wet or dry strength superior to that provided by other Flame Resistant disposables. Pyrolon® Plus 2 is breathable, making this a cool and comfortable garment to wear. They can be worn comfortably over Nomex or FR Cotton garments to help keep grease and grime off primary FRC. Meets the NFPA 2113 requirements for section 5.1.9. Available in White or Blue.

Coverall
07412
Pyrolon® Plus 2 Coverall, zipper closure.
Sizes: S – 5X
Case Pack: 25

Coverall
07414
Pyrolon® Plus 2 Coverall, zipper closure, attached hood, boots, elastic wrists.
Sizes: S – 5X
Case Pack: 25

Coverall
07417
Pyrolon® Plus 2 Coverall, zipper closure, elastic wrists and ankles.
Sizes: S – 5X
Case Pack: 25

Coverall
07428
Pyrolon® Plus 2 Coverall, zipper closure, attached hood, elastic wrists and ankles.
Sizes: S – 5X
Case Pack: 25

Pyrolon® XT

Lakeland Pyrolon® XT coveralls are "Tough as Nails"!

70% stronger than Pyrolon® Plus 2, these garments are reinforced with a Cerex® Nylon scrim and a repellent finish. Our Pyrolon® XT wear is air permeable with very high MVTR's. They can be worn over Nomex® or FR cotton garments to help keep grease and grime off the more expensive coveralls. Pyrolon® XT is a cost effective garment for applications where FR clothing is required. Pyrolon® XT can be used in work environments where hazardous or non-hazardous contaminants may be present. Meets the NFPA 2113 requirements for section 5.1.9.

Coverall
27412
Coverall, zipper closure.
Sizes: S – 5X
Case Pack: 25

Coverall
27428
Coverall, zipper closure, attached hood, elastic wrists and ankles.
Sizes: S – 5X
Case Pack: 25

Pyrolon® CRFR

Disposable, Chemical Resistant, and Flame Resistant, all rolled into one garment.

Pyrolon® CRFR protective wear... Unique, disposable, chemical resistant, and flame resistant, meeting the NFPA 2113 requirements for section 5.1.9. Imagine, all these qualities in one protective garment. Pyrolon® CRFR stands above the competition and is exclusively manufactured by Lakeland.

Pyrolon® CRFR garments bar contaminating flammables like paint, oil and grease, PCB's in transformer oil, hazardous liquids, and dry particulates from penetrating to inner clothing.

Pyrolon® CRFR is designed to be self extinguishing; it won't melt or drip and can be worn over primary thermally protective coveralls where flash fire or arc flash is a concern.

Coverall
51130
Coverall, hood, elastic face, wrists, and ankles.
Sizes: S - 5XL
Case Pack: 6

Coverall
51150
Coverall, hood, elastic face and wrists and attached boots.
Sizes: S - 5XL
Case Pack: 6

51110
Coverall, collar, storm flap over zipper, elastic wrists and ankles.
Sizes: S - 5XL
Case Pack: 6

Do not use for fire protection. Avoid open flame or intense heat. Pyrolon® Plus 2 garments are not washable. Washing removes the special finishes, thereby removing the flame retardancy, water and oil repellent characteristics.

Hand Protection

SpiderGrip® Cut Resistant Work Gloves
Style 96-5205

Spider Grip High Performance Polyethylene (HPPE) polyurethane dipped glove, cut level 3, sizes S-XL

- Advanced protection of high performance fibers
- Seamless design
- Ergonomic fit
- Super cut and Puncture Protection
- Long wearing

ShurRite®Cut Resistant Gloves made from 100% DuPont™ Kevlar®
Style 21-1634

7 gauge 100% DuPont™ Kevlar® knit glove, black PVC dots, (2 sides), cut level 2, sizes S-XL.

- Excellent cut resistance
- Heat resistant
- Out last cotton, leather and coated gloves
- Excellent dexterity and flexibility
- Breathable for better comfort

13 gauge liner made from 100% DuPont™ Kevlar®
Style 22-1638

- 100% DuPont™ Kevlar®
- 13 gauge
- Cut resistant
- Can be used with lineman's gloves
- Sizes S - XL

FR Accessories

A. Hard Hat Neck Shade
Style FRCNP920

Fits all major hard hat brands. 7.0 oz. per square yard, 88% Cotton/12% Nylon treated with Proban

- Applied directly to underside of helmet, with Velcro, no metal
- No interference with ratcheting system
- Sewn throughout with FR thread
- FR binding

Color: Khaki
ATPV: 8.9 cal/cm^2
CAT Level: 2
Testing: NFPA 1971-2013

B. DuPont™ Nomex® Blend FR Hood
Style 2-21

Double ply DuPont™ Nomex® Blend, 20% Nomex / 80% Lenzing FR

- 2-piece construction
- Notched shoulder bib design

Sizes: 21" length
Color: White
ATPV: 10.1 cal/cm^2
CAT Level: 2
Testing: NFPA 1971-2013

Warranty and Warnings

Warranty Information

It is the responsibility of the user to select garments and glove products which are appropriate for each intended use and which meet all specified government and industry standards.

IMPROPER USE OF THESE PRODUCTS MAY RESULT IN PERSONAL INJURY OR DEATH. IMPROPER USE INCLUDES, BUT IS NOT LIMITED TO IMPROPER SELECTION, USE WITHOUT ADEQUATE TRAINING, DISREGARDING THESE WARNINGS AND INSTRUCTIONS SUPPLIED WITH THE PRODUCTS AND FAILURE TO INSPECT AND MAINTAIN THE PRODUCTS. THESE PRODUCTS ARE INTENDED TO BE USED ONLY IN CONJUNCTION WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) RULES AND REGULATIONS, (http://www.epa.gov/lawsregs/) AND THE REQUIREMENTS OF OSHA SAFETY AND HEALTH STANDARD 29 CFR 1910 AVAILABLE FROM THE U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, (http://www.osha.gov), OR OTHER PERTINENT NATIONALLY RECOGNIZED STANDARDS, SUCH AS THOSE PROMULGATED BY THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) (www.nfpa.org), THE AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM) (www.astm.org), THE NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH (NIOSH) (www.cdc.gov/niosh/rpg), AND THE U.S.COAST GUARD OR DEPARTMENT OF DEFENSE. It is incumbent upon the wearer and legally required of an employer to read and understand these regulations.

THESE PRODUCTS ARE NOT FLAME RESISTANT AND SHOULD NOT BE USED AROUND HEAT, FLAME, SPARKS, OR IN POTENTIALLY FLAMMABLE OR EXPLOSIVE ENVIRONMENTS EXCEPT WHERE OUR GARMENTS ARE SPECIFICALLY ADVERTISED AS FIRE RESISTANT OR RETARDANT.

NO EXPRESSED OR IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY OR OTHERWISE IS MADE. Purchaser and all garment users shall promptly notify Lakeland Industries, Inc. of any claim, whether based on contract, negligence, strict liability or otherwise.

The sole and exclusive remedy of the purchaser and all end users and the limit of liability of Lakeland Industries, Inc. for any and all losses, injuries or damages shall be the refund of the purchase price or the replacement or repair of any product found to be defective within 90 days after the product is delivered. **IN NO EVENT SHALL LAKELAND INDUSTRIES, INC. BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER IN CONTRACT OF IN TORT, ARISING OUT OF ANY WARRANTIES, REPRESENTATIONS, INSTRUCTIONS, OR DEFECTS FROM ANY CAUSE IN CONNECTION WITH THE GARMENT, OR THE SALE THEREOF.**

Purchaser and all users are responsible for inspection and proper care of this product as described in any OF OUR care and use manuals and are responsible for all loss or damages from use or handling which results from conditions beyond the control of the manufacturer.

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Warnings and Limitations

Lakeland's garments are not suitable for use in all situations and environments with all chemical and hazardous materials. All decisions regarding the choice and usage of chemical protective clothing must be done by trained and qualified safety professionals in accordance with all OSHA and EPA Rules and regulations. Failure to follow such regulations absolves Lakeland Industries, Inc. from all liability. It is the user's responsibility to determine the level of exposure and the proper personal protective equipment needed. It is the employer's LEGAL RESPONSIBILITY to provide proper protective clothing to employees, and adequate care, use and maintenance of these garments as only your employer knows the conditions under which the wearer works. Lakeland has no such knowledge, so ask your employer.

Lakeland chemical protective ensembles that are certified to NFPA 1991 require an over-cover. The protective over-cover provides additional protection against abrasion, cut, tear or puncture, and direct flame impingement. (All NFPA compliant Interceptor® ensembles utilize specific, multiple glove combinations and specific boots. All components of the specified ensemble must be worn to be compliant with the requirements of this standard.)

Lakeland protective garments will burn except where our garments are specifically advertised as fire resistant. These garments should not be worn around heat, open flames, sparks or any other possible ignition source nor in potentially explosive or flammable environments.

If a Lakeland protective garment is abraded, cut, torn, punctured or otherwise and in any way breached, do not use. The protective garment material has finite resistance to abrasion, cut, tear and puncture. It is the responsibility of the wearer to inspect Lakeland garments prior to use to insure the integrity of the garments and components.

If a Lakeland protective garment is damaged during use, retreat immediately to a safe environment, thoroughly decontaminate the garment, then dispose of it in a safe manner.

Limitations of Use

Lakeland protective garments are not intended for protection against radiological hazards.

If the danger of exposure to biological aerosols or chemical warfare chemicals exists, the use of a protective ensemble certified to the optional Chemical and Biological Terrorism requirements of NFPA 1991 (2005 Edition) or garments certified to Class 2 of NFPA 1994 should be considered. Each of these standards provides different levels of performance.

Chemical Permeation Data

Before using a protective ensemble in a chemical situation, consult the chemical permeation data appropriate to the garment material. Note that seams, visors and closures will generally have lower or different permeation times than the garments' material. This information is to be used as a guide only. The permeation performance of any material depends on a number of factors including chemical concentration, temperature, time and amount of exposure. Due to the large number of variables, it is impossible for all ensemble materials to be tested against all elements, chemicals, all combinations or mixtures thereof, and all temperatures at which the chemical might be encountered.

Chemical permeation tests are performed under laboratory conditions -- not actual

workplace conditions. They address chemical breakthrough characteristics and do not account for physical performance characteristics that affect a barrier such as abrasion, flex fatigue, puncture, tear, oxidative degradation, or degraded performance due to previous use contaminations.

No single protective material will protect against all chemicals for all situations. The best course of action is to test the primary protective garment materials against the specific chemical hazard, at the temperature and in the concentrations to be encountered. Lakeland Industries, Inc. will provide free swatches of primary garment materials for testing and can provide you with a list of testing facilities.

Never Use Pure Oxygen

The use of 100% oxygen with these garments presents serious fire safety and health hazards. Use only properly functioning breathing quality, compressed air, air line supplied breathing air, or a rebreather system. Note that some rebreather systems utilize small oxygen cylinders, but these do not create enriched oxygen atmosphere.

Wearing garments made of fire retardant cottons, aramids or modacrylics under or over Lakeland light non-woven or ChemMax® garments will not reduce burn injury during a flash fire. Chemmax® garments will burn and possibly melt when exposed to flash fire; this is likely to increase burn injuries even when worn over flame resistant fabrics. This is also true of Lakeland MicroMax® NS, MicroMax® NS Cool Suit, MIcroMax®, MicroMax® HBF, MicroMax® 3P, MicroMax® 3P Cool Suit, SafeGard®, SafeGard® Economy SMS, ZoneGard®, Rytex® and other Lakeland light non-woven fabric lines. However, Pyrolon® fabrics and garments are intended to be worn over fire retardant cottons, aramids and modacrylics.

Therefore users of any of these flammable garments should not enter an environment in which the concentration of flammable gas (such as paint fumes, hydrocarbon fumes or pure oxygen) has reached a concentration which is within flammable, ignitable or explosive limits, causing a fire or flash fire.

Simply stated, if there is a flash fire, nothing will protect you from severe burns or death. Therefore, it is the user's responsibility to think before working in even a potential flammable gaseous atmosphere.

Lakeland's light non-woven fabrics, Chemax® and Interceptor® line, are not intended for fire fighting activities, nor for protection from hot liquids, steam, molten metals, welding, electrical arc or thermal radiation. **USE COMMON SENSE! DO NOT SMOKE, OR USE ELECTRICAL MACHINERY, AND INSURE USE OF PROPER BONDING AND GROUNDING** where flammable gas, liquids or solids exist. Anti-static treatments and coatings are not adequate for all environmental conditions. Static electricity in non-humid or winter environments can cause a deadly flash fire where flammables are present in the workplace. Lakeland's garments are intended to help reduce the potential for injury, but no protective apparel alone can eliminate all risk of injury. When dealing with fire, heat, or flammable atmospheres, or even the potential of same, look to Lakeland's **FIRE RESISTANT/ RETARDANT APPAREL LINES**.

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Lakeland Protect Your People™

Lakeland delivers the best, most innovative Protective Clothing products and fabric choices available anywhere in the world.

Broadest range of products and fabrics

From Disposables to Chemical, Reflective to Hand and Arm, Flame/Arc Flash Resistant and Fire Service/EMS, no one else in the Protective Apparel Industry can offer such comprehensive product and fabric choices- or the expertise to guide you.

Investing for growth – to serve and protect you better

We're doubling our sales and support personnel, R&D and product development efforts, upgrading our systems, and streamlining our operations.

World-wide presence and growth

Lakeland International is growing rapidly, with production and sales operations in more than 40 countries. So we can bring you the best in fabrics and innovations the world has to offer and technical expertise for wherever you do business.

Know the maker - we manufacture our own products

Lakeland protects people. It is our core business. Unlike our competitors, we don't use contractors. We make our own apparel, so we have maximum control over quality and delivery.

For most contractors, protective clothing is only a portion of their business, and may lack our expertise and focus on protecting the end user- whereas, that's what we are all about. From designing the fabric to manufacturing the garment; from quality control to inspection; from warehousing to shipping, Lakeland promises to provide meticulous detail to our products accompanied by committed service and reliability to our customers.

Let Lakeland help protect your people, and we genuinely appreciate the opportunity to partner and grow with us!

Disposable Clothing

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Reflective Clothing

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