



FR/ARC RATED RAINWEAR

BUYERS GUIDE



ANSI Certified
Dual Certified for Electric Arc Flash and Flash Fire Protection

ALL WEATHER
PROTECTION!

Lakeland ARC TECH® Premium Quality

POLYURETHANE FR/ARC RATED RAINWEAR

ANSI Certified • Dual Certified for Electric Arc Flash and Flash Fire Protection



AJPU10LY

HAND WARMER POCKETS!



AJPU100R



ABPU10LYZ

LEG ZIPPERS!



ABPU100RZ

Rain Jacket

AJPU10LY - Lime Yellow
AJPU100R - Orange



Arc Rating: 16.3 cal/cm²
Ebtas: 21.9 cal/cm²
HAF: 84%
MVTR: 546 G/M²/24H
Total % body burn: 19.67%
3rd Degree Burn: 6.55%
ANSI 107-2015, Type R, Class 3
ASTM F1891 Arc Flash
ASTM F2733 Flash Fire
ASTM F903 Chemical Resistance

- Oversized hood
 - D-ring pass through
 - Vented back
 - Hand warmer pockets
- Sizes: S- 6X
Tall Sizing Available

Bib Style Rain Pant

ABPU10LYZ - Lime Yellow
ABPU100RZ - Orange



Arc Rating: 16.3 cal/cm²
Ebtas: 21.9 cal/cm²
HAF: 84%
MVTR: 546 G/M²/24H
Total % body burn: 19.67%
3rd Degree Burn: 6.55%
ANSI 107-2015, Class E
ASTM F1891 Arc Flash
ASTM F2733 Flash Fire
ASTM F903 Chemical Resistance

- Cargo Pocket
 - Non-metallic, quick release clips
 - 16 inch zippered boot openings
 - 2 snap fly
 - Anti-wicking dam
- Sizes: S- 6X
Tall Sizing Available

PU offers Superior Performance:

More Comfortable

- Cooler: Breathes and releases perspiration
- Softer and more flexible than other rainwear fabrics
- Polyurethane stays flexible in cold weather
- Lighter weight

More Durable for Longer Wear Cycle

- Softness and pliability make it less prone to get caught on branches and brushes and not tear
- Superior puncture, tear and abrasion resistance
- Reinforced HF sealed seams for maximum strength
- Innovative DRP™ Diamond Reinforced Patch to prevent crotch "blow out"
- Saves money in the long run

Lakeland's Polyurethane FR/ARC Rated Rainwear is loaded with features!



All seams are stitched and high frequency sealed



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



Jacket collar with self stowing hood storage



Front storm flap with hook and loop closure



Ventilated jacket back



Reinforced lanyard opening



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



Two oversize 9" x 9.5" lower jacket front pockets with hook and loop closure and pull tabs, plus hand warmer openings.



Hook and loop adjustable jacket cuffs for optimal fit and comfort



Non-metallic quick release bib pant strap clips



One reinforced oversize 9" x 9.5" pant pocket with hook and loop closure and pull tabs



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

Long Coat and Pants... Lakeland Keeps You Safe and Dry No Matter the Style!



**48" Rain Coat
ALCPU10LY**



Arc Rating: 16.3 cal/cm²
Ebtas: 21.9 cal/cm²
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3rd Degree Burn: 6.55%
ANSI 107-2015, Type R, Class 3
ASTM F1891 Arc Flash
ASTM F2733 Flash Fire
ASTM F903 Chemical Resistance

- 48 inch long coat
 - Oversized hood
 - Anti-wicking dam
 - Vented back
- Sizes:** S- 6X

**Rain Pant
APPU10LYZ**



Arc Rating: 16.3 cal/cm²
Ebtas: 21.9 cal/cm²
HAF: 84%
MVTR: 546 G/M²/24H
Total % body burn: 19.67%
3rd Degree Burn: 6.55%
ANSI 107-2015, Class E
ASTM F1891 Arc Flash
ASTM F2733 Flash Fire
ASTM F903 Chemical Resistance

- 16 inch zippered boot openings
 - 2 snap fly
 - Anti-wicking dam
- Sizes:** S- 6X
Tall Sizing Available

Lakeland FR/ARC Rain Gear Meets ANSI 107-2015, improving worker visibility during the day, in low-light conditions and at night!



800-645-9291
www.lakeland.com

Lakeland ARC TECH® Premium Quality PVC FR/ARC RATED RAINWEAR

ANSI Certified • ASTM Arc Flash and Flash Fire Rated



Rain Jacket

AJPVC10LY

Arc Rating: 8.3 cal/cm²

Ebtas: 43 cal/cm²

HAF: 82%

MVTR: 471 G/M²/24H

Total % body burn: 13.66%

3rd Degree Burn: 6.28%

ANSI 107-2015, Type R, Class 3

ASTM F1891 Arc Flash

ASTM F2733 Flash Fire

ASTM F903 Chemical Resistance

- Oversized hood
- D-ring pass through
- Vented back

Sizes: S- 6X

Tall Sizing Available



Bib Style Rain Pant

ABPVC10LY

Arc Rating: 8.3 cal/cm²

Ebtas: 43 cal/cm²

HAF: 82%

MVTR: 471 G/M²/24H

Total % body burn: 13.66%

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ANSI 107-2015, Class E

ASTM F1891 Arc Flash

ASTM F2733 Flash Fire

ASTM F903 Chemical Resistance

- Cargo Pocket
- Non-metallic, quick release clips
- 2 snap fly
- Anti-wicking dam

Sizes: S- 6X

Tall Sizing Available



Ventilated jacket back



Reinforced lanyard opening



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



Hook and loop adjustable jacket and pant cuffs for optimal fit and comfort



One reinforced oversize pant pocket with hook and loop closure and pull tabs



Leg Velcro adjustment tab for easy donning and doffing over boots and work shoes

PVC FR/ARC Rainwear Permeation Testing - ASTM F903-18, Procedure A

Challenge Chemical	CAS Number	Replicate	Average Sample Thickness (mm)	Test Temperature (C°)	Results After 5 min @ 0 psig	Results After 10 min @ 2 psig	Final Results
Acetone 99%	67-64-1	1	26.0	27	Pass	Pass	Pass
		2	25.5		Pass	Pass	
		3	25.0		Pass	Pass	
Sodium Hydroxide 50%	1310-73-2	1	25.5	27	Pass	Pass	Pass
		2	24.5		Pass	Pass	
		3	30.0		Pass	Pass	
Toluene 99%	108-88-3	1	27.0	27	Pass	Pass	Pass
		2	25.0		Pass	Pass	
		3	24.5		Pass	Pass	
Hydrofluoric Acid 48%	7664-39-3	1	26.0	27	Pass	Pass	Pass
		2	23.5		Pass	Pass	
		3	23.0		Pass	Pass	
Sulfuric Acid 93%	7664-93-9	1	24.0	27	Pass	Pass	Pass
		2	25.5		Pass	Pass	
		3	25.5		Pass	Pass	