

Lakeland ARC TECH® Premium Quality

# PVC FR/ARC RATED RAINWEAR

ANSI Certified • ASTM Arc and Flash Fire Rated for Electric and Gas Applications



Lakeland PVC FR/Arc Rated Rainwear has been tested against these 5 chemicals!

- Acetone
- Sodium Hydroxide
- Toluene
- Hydrofluoric Acid
- Sulfuric Acid

See test results on back page

### Rain Jacket AJPVC10LY

Arc Rating: 8.3 cal/cm<sup>2</sup>

Ebtas: 43 cal/cm<sup>2</sup>

HAF: 82%

MVTR: 471 G/M<sup>2</sup>/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/cm<sup>2</sup>

Ebtas: 43 cal/cm<sup>2</sup>

HAF: 82%

MVTR: 471 G/M<sup>2</sup>/24H

Total % body burn: 13.66%

3rd Degree Burn: 6.28%

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



Protect Your People™

800-645-9291

www.lakeland.com



**Style AJPVC10LY Jacket and ABPVC10LY Bib Pants Features**



Jacket and Pant garment seams are stitched and HF sealed to prevent liquid penetration



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



Reinforced lanyard opening



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



Jacket collar with self stowing hood storage



Ventilated jacket back



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



Zipper front closure with hook and loop storm flap prevents liquids from sneaking in



Two oversize lower jacket front pockets with hook and loop closure and pull tabs



Non-metallic quick release bib pant strap clips



Innovative DRP™ Diamond Reinforced Patch to prevent crotch "blow out"



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



Velcro cuff adjustment 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	



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[www.lakeland.com](http://www.lakeland.com)