

# Pyrolon® CRFR



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

Pyrolon® CRFR protective wear...They're unique. They're disposable. They're chemical resistant. And they're flame retardant, meeting NFPA 2113 requirements. Imagine, all these qualities in one protective garment. Only from Lakeland.

Pyrolon® CRFR garments bar contaminating flammables like paint, oil and grease, hazardous liquids and contaminants, and dry particulates from penetrating to inner clothing.

Pyrolon® CRFR features:

- Light chemical splash protection
- Self extinguishing
- Won't melt or drip
- Meets NFPA 2113 requirements
- Designed to be worn over woven thermally protective coveralls, such as woven Nomex®, for environments where flash fire is a concern.



Coverall, hood, elastic face, storm flap over zipper, wrists, and ankles.



Coverall, collar, storm flap over zipper, elastic wrists and ankles.



Coverall, hood, elastic face and wrists, storm flap over zipper, attached boots.

## Pyrolon® CRFR Physical Properties, 2.5 Mil

Physical Property	Test Method	Units	Test Results
Basis Weight		oz./sq. yd	4.92
Grab Tensile MD		lbs.	34
Grab Tensile XD		lbs.	27
Mullen Burst		lbs./sq.in.	35
Char Length MD		inches	4.7
Char Length XD		inches	4.5
Afterflame		seconds	<2
Thermal Protective Performance (TPP)		cal./cm <sup>2</sup>	6.8
Charge Decay	NFPA 99		Pass
Surface Resistance	EN1149-1:2006		Pass

## Pyrolon® CRFR Penetration Data, 2.5 Mil, ASTM F903

Challenge Chemical	CAS Number	Physical State	Permeation Result
Acetone	67-64-1	Liquid	>60
Acetonitrile	75-05-8	Liquid	>60
Benzene			>60
Carbon Disulfide	75-15-0	Liquid	>60
Diesel Fuel	N/A	Liquid	>60
Diethylamine	109-89-7	Liquid	>60
Crude Oil	N/A	Liquid	>60
Ethyl Acetate	141-78-6	Liquid	>60
n-Hexane	110-54-3	Liquid	>60
Hexamethylene Diisocyanate			>60
Hydrochloric Acid			>60
Methanol	67-56-1	Liquid	>60
Methyl Ethyl Ketone (MEK)	78-93-3		>60
Methyl Isobutyl Ketone			>60
Monochlorobenzene			>60
n-Butyl Acetate			>60
Orthodichlorobenzene, Grade F			>60
Polychlorinated Biphenyl (PCB)			>60
Sodium Hydroxide, 50%	1310-73-2	Liquid	>60
Sulfuric Acid, 98%	7664-93-9	Liquid	45
Surrogate Gasoline (Toulene 50%) (Isooctane 50%)	108-88-3 540-81-1	Liquid	>60
Tetrachloroethylene	127-18-4	Liquid	>60
Toluene	108-88-3	Liquid	>60
Trichlorobenzene Mixture			>60
Xylene			>60

*Note: Chemical Resistance Data is in accordance with ASTM F903 test method. Testing is performed on fabric samples only, not finished garments. Sources for all test data are independent laboratories. All tests were performed under laboratory conditions and not actual use conditions.*

