



# Pyrolon® CRFR

*Advanced Chemical Resistance and  
Flame Resistance*



*Meets the performance requirements  
of NFPA 2113 for section 5.1.9*



## Maximum Features!

*Protective storm flap  
over zipper*

*Tape sealed seams*

*Designed to be worn  
over primary FR  
protective clothing,  
for environments  
where flash fire is a  
concern*

*Styles with and  
without attached  
boots*

## Disposable, Chemical Resistant, and Flame Resistant, all rolled into one garment!

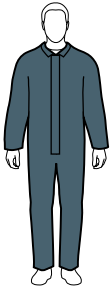
Pyrolon® CRFR protective wear...They're unique. They're disposable. They're chemical resistant. And they're flame resistant, meeting NFPA 2113 requirements. Imagine, all these qualities in one protective garment. Only from Lakeland.

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 the NFPA 2113 requirements for section 5.1.9.
- Designed to be worn over primary FR protective clothing, for environments where flash fire is a concern.

 **Lakeland®**  
Protect Your People™


**Coverall  
51100**

- Collar
  - Storm flap over zipper
  - Open wrists
  - Open ankles
  - Hemmed cuff
- Sizes:** S - 5XL  
**Case Pack:** 6


**Coverall  
51110**

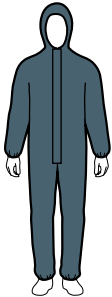
- Collar
  - Storm flap over zipper
  - Elastic wrists
  - Elastic ankles
- Sizes:** S - 5XL  
**Case Pack:** 6


**Jacket  
51250**

- Collar
  - Elastic wrists
  - Double storm flap
  - Hook and loop closure
- Sizes:** S - 5XL  
**Case Pack:** 6


**Pant  
51300 Pant**

- Elastic waist
  - Elastic ankles.
- Sizes:** M-4X  
**Case Pack:** 6


**Coverall  
51130**

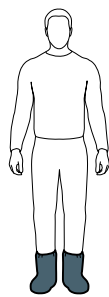
- Hood
  - Storm flap over zipper
  - Elastic face
  - Elastic wrists and ankles
- Sizes:** S - 5XL  
**Case Pack:** 6


**Coverall  
51150**

- Hood
  - Storm flap over zipper
  - Elastic face and wrists
  - Attached boots
- Sizes:** S - 5XL  
**Case Pack:** 6


**Apron  
51730**

- Long sleeve
  - Elastic wrists
  - 32" length
- Sizes:** S-4X  
**Case Pack:** 12


**Boot Covers  
51740**

- Elastic top
  - 17" high
- Sizes:** One size  
**Case Pack:** 12 pair

**Pyrolon® CRFR helps reduce Total Body Burn!**

Pyrolon® CRFR third party testing by North Carolina State University to ASTM F1930 confirms:

Material	Body Burn Results
6.5 oz. Westex® DH alone	16.4% total body burn
Pyrolon® CRFR over 6.5 oz. Westex® DH	15.84% total body burn

**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
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	Penetration Result
Acetone	67-64-1	Liquid	>60
Acetonitrile	75-05-8	Liquid	>60
Benzene	71-43-2	Liquid	>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	822-06-0	Liquid	>60
Hydrochloric Acid	7647-01-0	Liquid	>60
Methanol	67-56-1	Liquid	>60
Methyl Ethyl Ketone (MEK)	78-93-3	Liquid	>60
Methyl Isobutyl Ketone	108-10-1	Liquid	>60
Monochlorobenzene	108-90-7	Liquid	>60
n-Butyl Acetate	123-86-4	Liquid	>60
Orthodichlorobenzene, Grade F	95-50-1	Liquid	>60
Polychlorinated Biphenyl (PCB)	92-52-4	Liquid	>60
Sodium Hydroxide, 50%	1310-73-2	Liquid	>60
Sulfuric Acid, 98%	7664-93-9	Liquid	45
Surrogate Gasoline (Toulene 50%) (Isooctane 50%)	108-88-3 540-84-1	Liquid	>60
Tetrachloroethylene	127-18-4	Liquid	>60
Toluene	108-88-3	Liquid	>60
Trichlorobenzene Mixture	Mixture	Liquid	>60
Xylene	1330-20-7	Liquid	>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.