

Pyrolon® CRFR - Know the facts!

Pyrolon® CRFR is specifically engineered for refinery and petrochemical applications

Pyrolon® CRFR Features

- Light chemical splash protection for chemicals specific to the Refining and Petrochemical industry. Including, but not limited to, high and low PH chemicals and a vast assortment of hydrocarbons.
- Self extinguishing
- 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

Pyrolon® CRFR is Flame Resistant

Pyrolon® CRFR third party testing by Diversified Testing Laboratories to ASTM D6413 confirms:

Material	Test Method	Test Result
Pyrolon® CRFR	ASTM D6413 - Standard Test Method for Flame Resistance of Textiles (Vertical Test)	Pass

Pyrolon® CRFR test data is available upon request

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
4.5 oz Nomex® IIIA alone	43.71% total body burn, barely making the 50% minimum threshold
4.5 oz. Nomex® IIIA with Pyrolon® CRFR	34.16% total body burn, a 21.85% reduction in body burn when wearing Pyrolon® CRFR

Pyrolon® CRFR test data is available upon request

Pyrolon® CRFR provides the Chemical Resistance You Need

Pyrolon® CRFR ASTM F903 Penetration Data

Chemical Challenge	CAS Number	Concentration (%)	Time to Penetration (minutes)
Acid Mixture Hydrochloric Acid - 12% Hydrofluoric Acid - 3% Formic Acid - 10% Acetic Acid - 10%	Mixture 7647-01-0 7664-39-3 64-18-6 64-19-7	100%	>60
Benzene	71-43-2	99%	>60
Crude Oil	N/A		>60
Diesel Fuel	N/A	NEAT	>60
Ethyl Acetate	141-78-6	99.5	>60
Hydrofluoric Acid	7664-39-3	48%	>60
Jet Fuel A	Mixture	NEAT	>60
Methanol	67-56-1	99.9%	>60
Phenol	108-95-2	99%	>60
Sodium Hydroxide	1310-73-2	50%	>60
Surrogate Gasoline Toulene - 50% Isooctane - 50%	108-88-3 540-84-1	100%	>60

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

