INTERNATIONAL ENVIRO GUARD

PyroGuard CRFR™ Aprons

Spark, flame, chemical, caustic, & acid safety



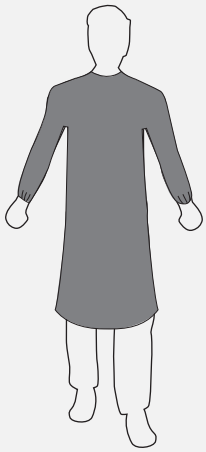


PyroGuard CRFR™ Aprons

Chemical-resistant and flame-resistant PVC aprons for petrochemical environments, industrial, food processing, oil / gas, agricultural work, tank cleaning, chemical mixing, and more.

Aprons meet NFPA 2113 for flash fire protection. Self-extinguishing fabric does not melt or drip when ignited to prevent flames from spreading. Taped seams offer added protection against chemical or liquid penetration. Long sleeves with elastic wrists protect the entire arm from chemical/acid splash and sparks.

Available Garments



Chemical & Flame-Resistant PVC Apron with Long Sleeves, Elastic Wrists, Hook & Loop Closure at Neck, Ties at Waist, and Taped Seams.

#9110T
Size: Large - 5XL
12 per case

(800) 345-5972

2400 Skyline Dr., Suite 400
Mesquite, Texas 75149

int-enviroguard.com

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Testing

CHEMICAL	PENETRATION ASTM F903 TIME TO PENETRATE (MINUTES)	PERMEATION ASTM F739 NORMALIZED BREAKTHROUGH (MINUTES)
Acetone	>60	12
Acetonitrile 90%	>60	IMB
Acetaldehyde	>60	NT
Acrylonitrile	>60	NT
Benzene	>60	NT
Carbon Disulfide	>60	9
Crude Oil	>60	9
Dichloromethane	2	IMB
#1 Diesel	>60	15
Diethylamine	>60	IMB
Dimethylformamide	<1	IMB
Ethyl Acetate	>60	16
Ethylene Dichloride	>60	NT
Ethylene Oxide	>60	NT
Gasoline	>60	NT
Hexane	>60	>480
Hexamethylene Diisocyanate	>60	15
Hydrochloric Acid	>60	NT
JP-8	>60	NT
Jet Fuel A	>60	NT
Methanol	>60	IMB
Methyl Isobutyl Ketone	>60	NT
Methyl Mercaptan	>60	NT
Monochlorobenzene	>60	NT
Nitric Acid 70%	>60	129
Nitrobenzene	3	4
n-Butyl Acetate	>60	NT
Orthodichlorobenzene, Grade F	>60	NT
Para-Dichlorobenzene	>60	NT
Pentane	>60	NT
Phenol	>60	NT
Phosporic Acid 85%	>60	>480
Sodium Hydroxide 40%	>60	>480
Styrene	>60	<1
Sulfuric Acid 96%	45	38
Tetrachlorethylene	>60	>480
Tetrahydrofuran	<1	<1
Toluene	>60	6
Trichlorobenzene Mixture	>60	NT
Xylene	>60	NT

TEST	TEST METHOD	RESULTS
Grab/Tensile - Machine Direction	ASTM D1117 / D1682	34 lbs.
Grab/Tensile - Cross Direction	ASTM D1117 / D1682	27 lbs.
Bond Strength - Machine Direction	IST 110.2	197 gms
Bond Strength - Cross Direction	IST 110.2	223 gms
Mullen Burst	ASTM D3786-87	35 psi
Resistivity Machine Direction	IST 70.1	2.9 x109 ohms
Resistivity	IST 70.1	3.1 x109 ohms

TEST	TEST METHOD	RESULTS
Vertical Flammability	ASTM 6413	Pass
After Flame	ASTM F1930	<2.0 sec.
Thermal Protective Performance - Spaced	NFPA 1971 - 97	6.8 TPP
Thermal Mannequin Test % Body burn - Machine Direction	ASTM 1903 - 3.5 sec. Over Nomex IIIA garment 6.0 oz/yd², Heat Flux = 2.0 CAL/cm²	25%
Mullen Burst	ASTM D3786-87	35 psi
Resistivity Machine Direction	IST 70.1	2.9 x109 ohms
Resistivity	IST 70.1	3.1 x109 ohms



BACK OF APRON (TIES IN BACK)



ELASTIC WRISTS



HOOK & LOOP CLOSURE

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