INTERNATIONAL ENVIRO GUARD

PyroGuard CRFR™

Sparks, flames, chemical, & acid protection



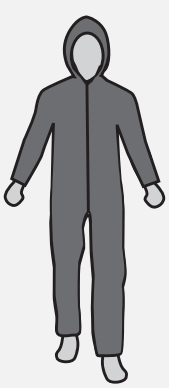
PyroGuard CRFR™ Brand Page

PyroGuard CRFR™

PyroGuard CRFR™ chemical-resistant and flame-resistant disposable garments are designed to be worn over primary FR and ARC rated apparel to extend its life and to prevent flammable substances from saturating primary protective garments. For chemical splash and flash fire risks.

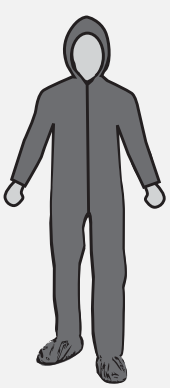
Self-extinguishing fabric does not melt or drip when ignited to prevent flames from spreading. Taped seams offer added protection against liquid penetration. Fabric protects against flammables such as paint, oil, grease, dry particulates, chemicals, and non-hazardous liquids.

Available Garments



Coverall with Attached Respirator Hood, Sealable Storm Flap Zipper Cover, Elastic Wrists, Elastic Ankles, & Taped Seams

#9115T
Size: Medium - 6XL
6 per case



Coverall with Attached Respirator Hood, Attached Boots, Sealable Storm Flap Zipper Cover, Elastic Wrists, & Taped Seams

#9119T
Size: Medium - 6XL
6 per case



PVC Apron with Long Sleeves, Elastic Wrists, Hook & Loop Closure at Neck, Ties at Waist, & Taped Seams

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

(800) 345-5972

5324 S. Peachtree Rd, #150
Balch Springs, TX 75180

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

BS EN 1149-5

Standard for garments that protect against electrostatic discharge (ESD) in areas where there is a risk of explosion.

TEST	TEST METHOD	RESULTS
Tensile Strength - Machine Direction	ASTM D5034	43.6 lbs.
Tensile Strength - Cross Direction	ASTM D5034	38.6 lbs.
Tear Strength - Machine Direction	ASTM D1117 (Trapezoid)	12.7 lbs.
Tear Strength - Cross Direction	ASTM D1117 (Trapezoid)	7.8 lbs.
Ball Burst Strength	ASTM D3787	47 lbs.
Weight	ASTM D3776	5.8 oz/y²
Air Permeability	ASTM D737	<0.55 cfm

TEST	TEST METHOD	RESULTS
Vertical Flammability - Char Damage	ASTM 6413	<6 inches
Vertical Flammability - After Flame	ASTM 6413	<2 seconds
Thermal Protective Performance - Spaced	NFPA 1971 - 97	6.8 TPP
Mullen Burst	ASTM D3786-87	35 psi
Helmke Drum Particle Test	IEST-RP-CC003.4	Category 1

PyroGuard CRFR™ Helps Reduce Total Body Burn

PyroGuard CRFR™ third-party ASTM F1930 testing, conducted by North Carolina State University, confirms the following:

MATERIAL	TEST METHOD	BODY BURN RESULTS
PyroGuard CRFR™ over Stanco Nomex NXG581	ASTM F1930	16.4% Total Body Burn



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