



THINK.
MAKE.
PROTECT.

Xposure Guard™





Microporous Protection

XPOSURE GUARD™ MP

More coverage where it counts.



XPOSURE GUARD MP

Tough and highly breathable (MVTR) fabric manufactured to our BEST FIT™ design provides workers with economical, comfortable protection.

XPOSURE GUARD MP garments are designed for wet or dry environments to protect workers from hazardous contaminants and/or non-hazardous dirt, grime, splashes and spills. Our BEST FIT design delivers unequalled comfort, movement, and enhanced protection.



Style 120



Style 122



Style 127

Physical Properties

Test Description	Test Method	Units	Values
Basis Weight	ASTM D3776	OZ/SY	1.8
Grab Tensile MD	ASTM D5034	pounds	29.2
Grab Tensile CD			21.3
Trapezoidal Tear MD	ASTM D5733	pounds	12.2
Trapezoidal Tear CD			9.7
MVTR	ASTM E96 BW	g/sm	1156.7
Surface Resistivity	EN1149-1	Ω	1.4x10 ⁹

Chemical Penetration Data ASTM F903

Chemical Challenge	Concentration %	Test Time (Minutes)	Values
Motor Oil - 40wt	100%	60	Pass
Isocyanate Base Paint	100%	60	Pass
Sodium Hydroxide	50%	60	Pass

Blood Penetration Data ASTM F1670

Challenge Liquid	Concentration %	Test Time (Minutes)	Values
Synthetic Blood	100%	60	Pass

STYLE	DESCRIPTION	SIZES	CS QTY
XGMPS120-Sewn Seam	XPOSURE GUARD MICROPOROUS LAMINATE, COLLAR, OPEN WRIST AND ANKLE	SM to 5X	25
XGMPS122-Sewn Seam	XPOSURE GUARD MICROPOROUS LAMINATE, HOOD WITH ELASTIC, STORM FLAP, ELASTIC WRIST AND SOCK BOOT	SM to 5X	25
XGMPS127-Sewn Seam	XPOSURE GUARD MICROPOROUS LAMINATE, HOOD WITH ELASTIC, STORM FLAP, ELASTIC WRIST AND ANKLE	SM to 5X	25

Additional data available at:

gri-eti.com • sales@gri-eti.com • 334-899-4351



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Flame Resistant / Liquid Repellent

XPOSURE GUARD™



XPOSURE GUARD FR

XPOSURE GUARD FR fabric delivers excellent protection and comfort in our BEST FIT™ design. In areas where either hazardous or non-hazardous materials are present, XPOSURE GUARD FR garments help eliminate infiltration of grease, grime and other contaminants when worn over primary fire-resistant clothing.

The enhanced mobility of our BEST FIT design provides unmatched comfort and protection while reducing strain on the garment and seams.



Style 120



Style 122



Style 127

Physical Properties

Test Description	Test Method	Units	Values
Basis Weight	ASTM D3776	OZ/SY	2.5
Grab Tensile MD	ASTM D5034	pounds	37.6
Grab Tensile CD			16.3
Trapezoidal Tear MD	ASTM D5733	pounds	12.5
Trapezoidal Tear CD			7.8
Flame Resistance	ASTM D6413	Inches	<4.5

STYLE	DESCRIPTION	SIZES	CS QTY
XGFRS120-Sewn Seam	XPOSURE GUARD FLAME RESISTANT, COLLAR, OPEN WRIST AND ANKLE	SM to 5X	25
XGFRS122-Sewn Seam	XPOSURE GUARD FLAME RESISTANT, HOOD WITH ELASTIC, STORM FLAP, ELASTIC WRIST AND SOCK BOOT	SM to 5X	25
XGFRS125-Sewn Seam	XPOSURE GUARD FLAME RESISTANT, COLLAR WITH ELASTIC, STORM FLAP, ELASTIC WRIST AND ANKLE	SM to 5X	25
XGFRS127-Sewn Seam	XPOSURE GUARD FLAME RESISTANT, HOOD WITH ELASTIC, STORM FLAP, ELASTIC WRIST AND ANKLE	SM to 5X	25

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Chemical Resistant XPOSURE GUARD™ C1

More room where it counts.



XPOSURE GUARD C1

XPOSURE GUARD C1 Heavy-Duty barrier fabric built to our BEST FIT™ design offers an unparalleled range of movement, comfort and protection for the worker.

XPOSURE GUARD C1 garments are engineered to help shield workers from exposure to a range of harmful chemicals. BEST FIT design provides extraordinary protection and comfort through freedom of movement and reduced stress on garments.



Style 120



Style 122



Style 127

Physical Properties

Test Description	Test Method	Units	Values
Basis Weight	ASTM D3776	OZ/SY	2.6
Grab Tensile MD	ASTM D5034	pounds	39.3
Grab Tensile CD			29.7
Trapezoidal Tear MD	ASTM D5733	pounds	12.9
Trapezoidal Tear CD			9.7
Surface Resistivity	ASTM D257	Ω	6.4x10 ⁹

*Additional Technical Data available at www.gri-eti.com

Chemical Permeation Data ASTM F739 (Normalized)

Chemical Challenge	Concentration %	Test Time (Minutes)	Values
Sodium Hydroxide	50%	>480	Pass
Sulfuric Acid	98%	>480	Pass

Viral Penetration Data ASTM F1671

Challenge	Test Result
ΦX174 Bacteriophage	Pass

STYLE	DESCRIPTION	SIZES	CS QTY
XGC1S120-Sewn Seam	XPOSURE GUARD BARRIER FILM LAMINATE, COLLAR, OPEN WRIST AND ANKLE	SM to 5X	12
XGC1B120-Bound Seam		SM to 5X	12
XGC1H120-Taped Seam		SM to 5X	12
XGC1S122-Sewn Seam	XPOSURE GUARD BARRIER FILM LAMINATE, HOOD WITH ELASTIC, STORM FLAP, ELASTIC WRIST AND SOCK BOOT	SM to 5X	12
XGC1B122-Bound Seam		SM to 5X	12
XGC1H122-Taped Seam		SM to 5X	12
XGC1S127-Sewn Seam	XPOSURE GUARD BARRIER FILM LAMINATE, HOOD WITH ELASTIC, STORM FLAP, ELASTIC WRIST AND ANKLE	SM to 5X	12
XGC1B127-Bound Seam		SM to 5X	12
XGC1H127-Taped Seam		SM to 5X	12

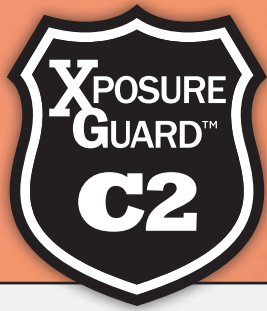
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Chemical Protection

XPOSURE GUARD™ C2



XPOSURE GUARD C2

XPOSURE GUARD C2 is a Saranex 23-P film laminated to strong Multi-Polymer Spunbond. This unique combination offers rugged durability and comfortable flexibility in an abrasion-resistant fabric.

XPOSURE GUARD C2 garments are offered with taped seams for added protection against a wide range of chemical challenges. All XPOSURE GUARD garments utilize our BEST FIT™ design to provide exceptional maneuverability.



Style 122



Style 127

Physical Properties

Test Description	Test Method	Units	Values
Basis Weight	ASTM D3776	OZ/SY	4.4
Grab Tensile MD	ASTM D5034	pounds	41.06
Grab Tensile CD			39.9
Trapezoidal Tear MD	ASTM D5733	pounds	35.5
Trapezoidal Tear CD			19.9
Burst Strength	ASTM D751	Newtons	86.3
Flammability	16 CFR	Class 1	Pass
Surface Resistivity	ASTM D3776	Ω	5.09×10 ⁷

*Additional Technical Data available at www.gri-eti.com

STYLE	DESCRIPTION	SIZES	CS QTY
XGC2B122-Bound Seam	XPOSURE GUARD SARANEX 23P FILM LAMINATE, HOOD WITH ELASTIC, STORM FLAP, ELASTIC WRIST, SOCK BOOTS (BOOT FLAPS ON TAPED SEAM ONLY)	SM to 5X	12
XGC2H122-Taped Seam		SM to 5X	12
XGC2B127-Bound Seam	XPOSURE GUARD SARANEX 23P FILM LAMINATE, HOOD WITH ELASTIC, STORM FLAP, ELASTIC WRIST AND ANKLE	SM to 5X	12
XGC2H127-Taped Seam		SM to 5X	12

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Chemical and Flash Fire Protection

XPOSURE GUARD™ CX



XPOSURE GUARD CX

XPOSURE GUARD CX is the most technologically advanced barrier film laminated to a highly specialized fire resistant non-woven material.

XPOSURE GUARD CX offers the broadest chemical range holdout with added secondary flash fire protection when worn over a NFPA 2112 garment.

XPOSURE GUARD CX, made with our BEST FIT™ design, provides superior protection, mobility, and comfort.



Extra neck coverage with zipper and storm-flaps extending to chin



Full-length double storm-flaps with Velcro over zipper



Style 122



Style 127

Physical Properties

Test Description	Test Method	Units	Values
Basis Weight	ASTM D3776	OZ/SY	6.2
Grab Tensile MD	ASTM D5587	Newtons	217.4
Grab Tensile CD			191.7
Trapezoidal Tear MD	ASTM D5034	Newtons	49.8
Trapezoidal Tear CD			48.8
Surface Resistivity	EN 1149-1	(Ω)	2.32×10 ⁹

*Additional Technical Data available at www.gri-eti.com

STYLE	DESCRIPTION	SIZES	CS QTY
XG CXH122	XPOSURE GUARD CX FILM LAMINATE, HOOD WITH ELASTIC, DOUBLE STORM-FLAP OVER ZIPPER, ELASTIC WRIST, SOCK BOOTS WITH BOOT FLAPS	SM to 5X	6
XG CXH127	XPOSURE GUARD CX FILM LAMINATE, HOOD WITH ELASTIC, DOUBLE STORM-FLAP OVER ZIPPER, ELASTIC WRIST AND ANKLE	SM to 5X	6

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Xposure Guard™ CX Protective Outer Wear



We've got you covered. To learn more, call us: 334-899-4351

ASTM F1001 Chemical Test Battery		Xposure Guard™ CX	Zytron® 6000	Zytron® 300	Zytron® 300FR	Tychem® 6000SFR	Pyrolon® CBFR	ChemMax® 3	Tychem® 5000	ChemMax® 2	Tychem® 4000	Zytron® 200
Chemical Name	CAS Number		Physical State									
Dichloromethane	75-09-2	Liquid	0	70	70	0	✓	✓	0	0	0	2
Acetonitrile	75-05-8	Liquid	131	87	87	131	✓	160	0	✓	60	52
Methyl Alcohol	67-56-1	Liquid	117	55	55	117	25	180	0	✓	✓	✓
Diethylamine	109-89-7	Liquid	✓	✓	✓	✓	130	75	✓	0	15	21
Carbon Disulfide	75-15-0	Liquid	✓	✓	✓	✓	✓	178	0	0	0	2
Tetrahydrofuran	109-99-9	Liquid	✓	✓	✓	✓	13	320	✓	0	0	3
Nitrobenzene	98-95-3	Liquid	✓	✓	✓	✓	✓	45	✓	45	59	97
Acetone	67-64-1	Liquid	✓	✓	✓	✓	✓	✓	462	26	13	17
Toluene	108-88-3	Liquid	✓	✓	✓	✓	✓	✓	✓	0	0	6
Tetrachloroethylene	127-18-4	Liquid	✓	✓	✓	✓	✓	✓	✓	✓	0	21
Hexane	110-54-3	Liquid	✓	✓	✓	✓	✓	✓	✓	✓	0	7
Ethyl Acetate	141-78-6	Liquid	✓	✓	✓	✓	✓	✓	✓	✓	0	14
Dimethylformamide	68-12-2	Liquid	✓	✓	✓	✓	✓	✓	✓	✓	90	77
Sodium Hydroxide (50%)	1310-73-2	Liquid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sulfuric Acid (98%)	7664-93-9	Liquid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ammonia Gas	7664-41-7	Gas	20	39	39	20	✓	✓	0	0	26	NT
Ethylene Oxide Gas	75-21-8	Gas	126	81	81	118	✓	✓	12	✓	0	NT
Hydrogen Chloride Gas	7647-01-0	Gas	✓	✓	✓	392	182	✓	✓	410	✓	NT
Chlorine Gas	7782-50-5	Gas	✓	✓	✓	✓	✓	✓	✓	✓	✓	NT
1,3 Butadiene	106-99-0	Gas	✓	✓	✓	✓	✓	✓	✓	✓	✓	NT
Methyl Chloride Gas	74-87-3	Gas	✓	✓	✓	✓	✓	✓	✓	✓	✓	NT
FR Protection*			NO	NO	YES	YES	YES	NO	NO	NO	NO	NO
Relative Price			\$	\$	\$	\$	\$	\$	\$	\$	\$	\$

✓ Optimal protection: More than 8 hours until permeation ■ Less than 8 hours until permeation NT = Not Tested

Competitor data included in this material is based solely on publicly available information from each competitor's official website. No independent verification has been performed and accuracy cannot be guaranteed. Zytron® is a registered trademark of Kappler Inc. Tychem® is a registered trademark of DuPont Safety & Construction, Inc. ChemMax® and Pyrolon® are registered trademarks of Lakeland Industries, Inc. *Products marked as FR Protection offer secondary FR protection when worn over NFPA 211Z clothing.

Xposure Guard™ Best Fit Design

ETI's BEST FIT™ Design features increased range of motion and body coverage to help eliminate dangerous exposure and suit failures. The BEST FIT design includes several key features to reduce fatigue and allow for full range of motion. The design not only enhances worker safety but also improves worker comfort and efficiency while on the job.



Improved neck coverage in all hooded garments

- The zipper and zipper storm flap/s have been positioned at the chin, allowing the respirator to be taped directly to the coverall rather than across the gap from the face mask to the "V" of the neck.



Improved range of motion in the upper body and shoulders

- Sleeves are attached to the body in a forward and upward direction, allowing for the garment sleeves to hang naturally in an up and forward angle for better range of motion in all working situations.
- Additional material has been added at the armpits, enabling the sleeve to rise straight up without pulling on the armpit seam.
- The shoulder seam has been moved toward the neck for an increased range of shoulder rotation that does not affect the position of the coverall body.
- The sleeve has been lengthened beyond standard measurements, facilitating easier attachment of gloves to sleeves while remedying the issue of pull/fall down while reaching overhead.

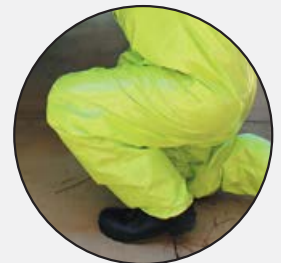


Protection against ground-level spills and splashes

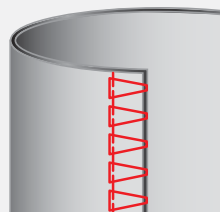
- Boot flaps with sock booties have been integrated into all taped, heat sealed, and seamed Style 122 coveralls, protecting work boots from filling with chemical hazards during jobs.

Improved range of lower-body motion

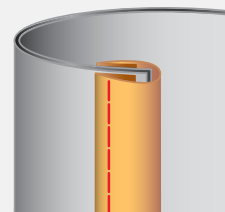
- Additional material has been sewn into the rear and back of the coverall, eliminating stress/pull of the coverall across the back and buttock while bending down or kneeling.
- The leg length was increased to allow the legs to fully cover the work boot, even while climbing.
- The crotch seam has been positioned higher to ease stress on that critical seam, eradicating rip-outs while walking and climbing.



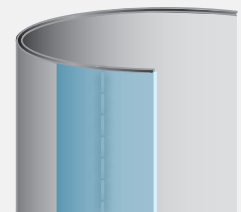
Seam Types



Sewn
Dry Particle



Bound
Light Liquid
Protection



Taped
Liquid Splash and
Chemical Barrier

Xposure Guard™ Accessories

Shoe Covers & Gloves

XPOSURE GUARD natural rubber shoe covers and gloves are a low-cost alternative, ideally suited for many applications including: food processing, general industrial, manufacturing, plant visitors and inspectors, environmental cleanup projects, chemical protection, janitorial sanitation and home maintenance. ETI shoe covers and gloves are seamless molded natural rubber for 100% protection.

Shoe Covers

Shoe covers feature excellent abrasion resistance, exceptional stretch, and a highly textured outsole surface that increases traction on wet and slippery surfaces.

XG0662R-ML, Red, Size 5-8
XG0662Y-XL, Yellow, Size 8-12
XG0662O-J, Orange, Size 12-16



Molded Rubber Shoe Covers

Molded rubber shoe covers deliver additional abrasion resistance and increased traction with the added cost savings of multiple use.

XG863-SM, 1 Bar, Size 5-8
XG863-ML, 2 Bar, Size 8-12
XG863-LXL, 3 Bar, Size 12-16



Gloves

Gloves provide the right mix of chemical protection, dexterity, and sensitivity. They have a diamond-embossed palm which offers excellent grip in both wet and dry applications. They also have a rolled, beaded cuff design that improves the strength of the cuff and assures a snug fit around the wearer's arm.

XG10104, 14mil, 12inch, Red, Size 8
XG10105, 14mil, 12inch, Yellow, Size 9
XG10106, 14mil, 12inch, Orange, Size 10

Kneepads

XPOSURE GUARD Kneepads provide comfort, support and abrasion resistance to your chemical PPE. They are designed to relieve knee pressure and improve work efficiency on hard surfaces like cement, gravel, and metal grating. The polyethylene plastic closed cell foam is chemically inert and absorbs minimal liquid.



Our Story

Eastern Technologies Inc, (ETI) was initially founded in 1987 by experienced nuclear power professionals who saw unmet needs in the radiological laundry services for the US commercial nuclear industry. Combining their ideas and ambitions to fill these needs, they responded with the creation of Eastern Technologies Inc., or ETI, in Ashford, Alabama.

In 2001, and with a strong belief that workers deserve to work each day in garments that are new, clean and contaminant-free, ETI began offering the innovative OREX™ line of single-use protective clothing and processing services to its customers.

2014 brought another exciting milestone as ETI merged with Georgia-based Global Resources International, the original manufacturing company of the OREX-patented product line. In the following years, ETI expanded its PPE product offerings to include petrochemical and other industrial sectors.

Global Resources International, Inc. (GRI) is a world-class, USA-based manufacturing and supply company specializing in design, development, manufacture, sterilization, and distribution of products for the healthcare, industrial and animal care markets. The company prides itself on flexibility and having no market boundaries. Customer service, vertically integrated manufacturing, global reach and quick response distribution capabilities are core strengths.

GRI operates in 7 countries (USA, China, Hong Kong, Vietnam, India, The Netherlands, UK, Dominican Republic). Corporate offices are located in metropolitan Atlanta, GA (Americas) and Jiaxing, China (Asia Pacific),



Company Details

- 1000+ customers/clients
- 4000+ employees
- 2300 active products (SKUs)
- 250+ ocean containers shipped each month
- 2,100,000 Sq. ft. global footprint with over 1,600,000 Sq. ft. of global manufacturing facilities in several countries including USA, China, Vietnam, India, Dominican Republic
- Over 790,000 sq. ft. of global warehousing/distribution facilities in several countries

Certifications/QA

- Extensive QMS program meeting the highest quality standards including FDA, ISO, CE, EN, and social audit requirements.
- US FDA, China FDA, and GB Certifications
- ISO Certifications
- US Nuclear Regulatory Commission licensed facilities
- NFPA, ASTM, EN and CE product certifications
- Designated "High Tech Manufacturer" by China government
- In-House laboratories for product testing, in-process and final product Quality Control



We've Got You Covered.