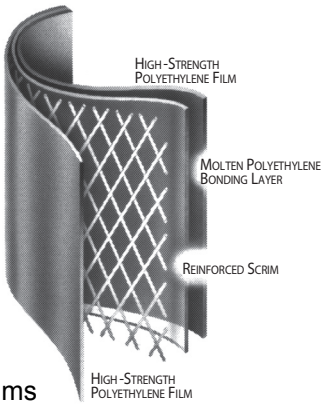
GEO♦SKRIM 2FR and 10FR

Fire Retardant Four-Layer Reinforced Laminate

Product Description



GEO♦SKRIM® 2FR and 10FR consist of two sheets of high-strength fire-retardant virgin film laminated together with a third layer of molten polyethylene. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. GEO♦SKRIM's fire-retardant films meet or exceed NFPA's 701 test, method 2 (Large Scale Requirements).

Product Use

GEO♦SKRIM® 2FR and 10FR are used in applications that require a fire-retardant material, and demand high puncture and tear strengths.

Size & Packaging

GEO♦SKRIM® 2FR and 10FR are available in a variety of widths and lengths. Panel sizes up to 40,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.

Building Abatement Enclosure

Product	Part #
GEO ♦SKRIM 2FR	R5CCF
GEO ♦SKRIM 10FR	R10CCF

APPLICATIONS

- Construction Enclosures
- Asbestos Abatements
- Fumigation Covers
- Temporary Walls
- Curtains
- Job Site Coverings

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GEO♦SKRIM 2FR and 10FR

ISO 9001:2008 CERTIFIED MANAGEMENT SYSTEM

Fire Retardant Four-Layer Reinforced Laminate

		GEO•SKRIM 2FR		GEO•SKRIM 10FR	
PROPERTIES	**TEST METHOD**	Imperial	Metric	Imperial	Metric
Appearance		Translucent, White Color		Translucent, White Color	
Thickness, Nominal		6 mil	0.15 mm	10 mil	0.25 mm
Weight		20 lbs/MSF 2.8 oz./yd^2	98 g/m^2	43 lbs/MSF 6.2 oz./yd^2	210 g/m^2
Construction		Extrusion laminated with scrim reinforcement			
Tensile Strength lbf/in. (N/cm)	ASTM D7003	40 lbf	178 N	50 lbf	222 N
Elongation at Break	ASTM D7003	400 %	400 %	600 %	600 %
Grab Tensile	ASTM D7004	50 lbf	222 N	78 lbf	347 N
***Trapezoid Tear**	ASTM D4533	35 lbf	156 N	52 lbf	231 N
Hydrostatic Resistance	ASTM D751	32 psi	220 kPa	74 psi	510 kPa
Mullen Burst	ASTM D751	53 psi	365 kPa	169 psi	1165 kPa
Maximum Use Temperature		180°F	82°C	180°F	82°C
Minimum Use Temperature		-70°F	-57°C	-70°F	-57°C
Permeability					
WVTR	ASTM E96 Procedure B	0.058 g/100in^2/day	0.90 g/m^2/day	0.013 g/100in^2/day	0.20 g/m^2/day
Perm Rating	ASTM E96 Procedure B	0.13 Perms g/(ft^2·hr·in·Hg)	0.85 Perms g/(24hr·m^2·mm Hg)	0.030 Perms g/(ft^2·hr·in·Hg)	0.020 Perms g/(24hr·m^2·mm Hg)
Burning Characteristics **Flame Spread Index** **Smoked Developed Value**	ASTM E84 Procedure A	 0 20		 5 75	

*Tests are an average of diagonal directions.

MEETS OR EXCEEDS THE FOLLOWING FIRE TESTING:

1. National Fire Protection Association (NFPA) 701, Test Method 2 (Large Scale)
2. Class "A" Wall & Ceiling Finish Category as given in the National Fire Protection Association Life Safety Code 101, "Interior Wall and Ceiling Finish Classification" (ASTM E-84-97a).
3. Boston Fire Department for Temporary Enclosures.

GEO♦SKRIM® 2FR & 10FR are fire-retardant four-layer reinforced extrusion laminates. The outer layers consist of a high quality polyethylene film with a high concentration of fire-retardant additives. GEO♦SKRIM® 2FR & 10FR are reinforced with a minimum of 1000 denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 9" (R5CCF) and 3" (R10CCF) across the width. The individual plies are laminated together with molten polyethylene.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. GEOCHEM, INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.

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