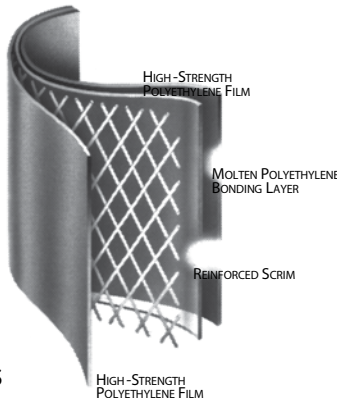


Product Description

GEO♦SKRIM® 8BB, 8WB, 12BV and 12WB consist of two sheets of high-strength virgin polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (GEO♦SKRIM 8WB and 12WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer layer is also designed to reduce heat build up and condensation. A heavy scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. GEO♦SKRIM's heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.



Product Use

GEO♦SKRIM® 8BB, 8WB, 12BV and 12WB are used in more demanding applications requiring high tear resistance. They perform well as medium weight liners or covers and meet or exceed ASTM E-1745 Class "C" standard as an underslab vapor retarder. Please inquire about GEO♦SKRIM® R8BV and R12BV for long-term applications up to 5 years, meeting GRI-GM22 Standard Specifications for scrim reinforced geomembranes used in exposed, temporary applications.

Size & Packaging

GEO♦SKRIM® 8BB, 8WB, are available in a variety of widths up to 125,000 square feet and up to 80,000 square feet in 12BV and 12WB. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.



Temporary Rain Shed Cover

Product

Part

GEO♦SKRIM 8BB	R8BBR
GEO♦SKRIM 8WB	R8WBK
GEO♦SKRIM 12BV	R12BV
GEO♦SKRIM 12WB	R12WBK

APPLICATIONS

Cargo Coverings	Remediation Covers or Liners
Interim Landfill Covers	Pit/Pond Liners
Daily Landfill Covers	Underslab Vapor Retarders
Temporary Erosion Control	Temporary Earthen Liners
Divider Curtains	Temporary Rainshed Covers

PROPERTIES	TEST METHOD	GEO♦SKRIM 8BB & 8WB		GEO♦SKRIM 12BV & 12WB	
		Imperial	Metric	Imperial	Metric
APPEARANCE		Black/Black or White/Black		Black/Black or White/Black	
THICKNESS, NOMINAL		8 mil	0.20 mm	12 mil	0.30 mm
WEIGHT		38 lbs/MSF 5.5 oz/yd ²	185 g/m ²	58 lbs/MSF 8.4 oz/yd ²	283 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement			
*TENSILE STRENGTH lbf/in. (N/cm)	ASTM D7003	60 lbf	105 N	64 lbf	112 N
*ELONGATION AT BREAK	ASTM D7003	600 %	600 %	650 %	650 %
*GRAB TENSILE	ASTM D7004	80 lbf	356 N	100 lbf	445 N
**TONGUE TEAR	ASTM D5884	30 lbf	133 N	40 lbf	178 N
CBR PUNCTURE RESISTANCE	ASTM D6241	240 lbf	1068 N	290 lbf	1290 N
MULLEN BURST	ASTM D751	70 psi	482 kPa	100 psi	689 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C	180°F	82°C
MINIMUM USE TEMPERATURE		-70°C	-57°C	-70°C	-57°C
WVTR	ASTM E96 Procedure B	0.030 g/100in ² /day	0.46 g/m ² /day	0.023 g/100in ² /day	0.35 g/m ² /day
PERM RATING	ASTM E96 Procedure B	0.066 Perms g/(ft ² ·hr·in·Hg)	(0.044) Perms g/(24hr·m ² ·mm Hg)	0.051 Perms g/(ft ² ·hr·in·Hg)	(0.034) Perms g/(24hr·m ² ·mm Hg)

*Tests are an average of diagonal directions.

** Test are an average of machine and transverse directions.

GEO♦SKRIM® 8BB, 8WB, 12BV and 12WB are four-layer reinforced extrusion laminates. The black outer layers consist of a high-strength polyethylene film containing carbon black. The white sides contain UV and thermal stabilizers. GEO♦SKRIM® 8 and 12 mil are reinforced with a minimum of a 1000 denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 3" across the width. The individual plies are laminated together with molten polyethylene.

GEO♦SKRIM® 8 and 12 both meet or exceed ASTM E-1745, Class "C" standard for water vapor retarders used in contact with soil or granular fill under concrete slabs.

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.