

# GEOSKRIM® ULTRA GSUBBR

FOUR-LAYER REINFORCED EXTRUSION LAMINATE

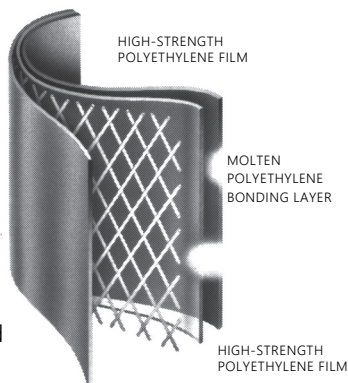
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## PRODUCT DESCRIPTION

GEOSKRIM® ULTRA GSUBBR outer layer consist of high-strength polyethylene film laminated together with hot molten polyethylene. GEOSKRIM® ULTRA GSUBBR is black on both sides.

The outer layers are formulated with thermal and UV stabilizers

to assure long outdoor life. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. GEOSKRIM® ULTRA GSUBBR is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions with an additional machine direction scrim every 3" across the width for increased stability.



## PRODUCT USE

GEOSKRIM® ULTRA GSUBBR is used in applications that require exceptional outdoor life and demand high tear and puncture resistance. GEOSKRIM® ULTRA GSUBBR is manufactured from a chemical resistant polyethylene.

## SIZE & PACKAGING

GEOSKRIM® ULTRA GSUBBR is available in a variety of widths and fabricated panels up to 80,000 square feet. All panels are manufactured in a quality controlled environment and are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.

**GEO•SKRIM™**



Landfill Cover

## PRODUCT

## PART #

GEOSKRIM ..... GSUBBR

## APPLICATIONS

Underslab Vapor Retarders	Earthen Liners
Modular Tank Liners	Interim Landfill Caps
Daily Landfill Covers	Remediation Covers
Remediation Liners	Erosion Control Covers

# GEOSKRIM® ULTRA GSUBBR

FOUR-LAYER REINFORCED EXTRUSION LAMINATE

		GEOSKRIM® ULTRA GSUBBR			
		IMPERIAL		METRIC	
		MINIMUM	TYPICAL	MINIMUM	TYPICAL
PROPERTIES	TEST METHOD				
Appearance		Black/Black			
<sup>1</sup> Thickness, Average	ASTM D5199 Procedure A	20 Mil	22 Mil	0.51 mm	0.56 mm
Weight	ASTM D751	70 lbs/MSF	74 lbs/MSF	341 g/m <sup>2</sup>	361 g/m <sup>2</sup>
Construction		Extrusion laminated with scrim reinforcement			
<sup>2</sup> Grab Tensile Strength	ASTM D7004	82.4 lbs	115 lbs	366 N	512 N
<sup>2</sup> Grab Tensile Elongation	ASTM D7004	15 %	17 %	15 %	17 %
<sup>3</sup> Tongue Tear	ASTM D5884	45 lbs	48 lbs	200 N	213 N
CBR Puncture Resistance	ASTM D6241	275 lbs	295 lbs	1223 N	1312 N
Mullen Burst	ASTM D751	100 psi	130 psi	689 kPa	896 kPa
High Pressure OIT	ASTM D5885	1000 min	3100 min	1000 min	3100 min
WVTR	ASTM E96	0.009 grains/ft <sup>2</sup> •hr		0.151 g/m <sup>2</sup> •day	
Perm Rating	ASTM E96	0.023 Perms		0.015 g/m <sup>2</sup> •day•mm Hg	
Hydraulic Conductivity	ASTM E96	1.77x10 <sup>-10</sup> cm/sec			
Maximum Static Use Temperature		180° F		82° C	
Minimum Static Use Temperature		-70° F		-57° C	

<sup>1</sup> Thickness measured over top of scrim.

<sup>2</sup> Tests are an average of primary reinforcement directions.

<sup>3</sup> Tests are an average of machine and transverse directions.



GEOSKRIM® ULTRA GSUBBR consists of virgin outer layers of high-strength polyethylene film laminated together with hot molten polyethylene. GEOSKRIM® ULTRA GSUBBR is black on both sides. The outer layers are formulated with thermal and UV stabilizers to assure long outdoor life. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. GEOSKRIM® ULTRA GSUBBR is reinforced with a high strength scrim reinforcement laid in a diagonal pattern spaced 3/8" apart for uniform tear resistance in both machine and transverse directions with an additional machine direction scrim every 3" across the width for increased stability.



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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. VIAFLEX 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. Limited Warranty available at [www.viaflex.com](http://www.viaflex.com)

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