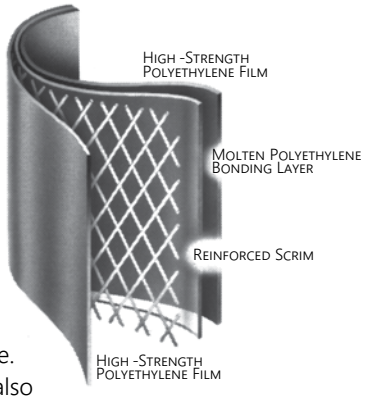
DURA♦SKRIM® R12BB & R12WB

FOUR-LAYER REINFORCED EXTRUSION LAMINATE

PRODUCT DESCRIPTION



DURA♦SKRIM® R12BB and R12WB consist of two sheets of high-strength polyethylene film laminated together with a third layer of molten polyethylene. The white outer layer (DURA♦SKRIM® R12WB) contains UV inhibitors and thermal stabilizers and the black outer layer(s) contains carbon black to enhance outdoor life. The white outer surface is also designed to reduce heat build up and condensation. A heavy-duty scrim reinforcement placed between these plies greatly enhances tear and puncture resistance and increases service life. DURA♦SKRIM® 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.

PRODUCT USE

DURA♦SKRIM® R12BB and R12WB are used in more demanding applications requiring high tear resistance. Please inquire about DURA♦SKRIM® R8BV and R12BV for longer-term applications up to 5 years, meeting GRI-GM22 Standard Specifications for Scrim Reinforced Geomembranes Used in Exposed Temporary Applications.

SIZE & PACKAGING

DURA♦SKRIM® R12BB and R12WB, are available in a variety of widths up to 120,000 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.

Temporary Rain Shed Cover

PRODUCT	PART #
DURA♦SKRIM® R12BB	R12BBR
DURA♦SKRIM® R12WB	R12WBK

APPLICATIONS

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

DURA·SKRIM® R12BB & R12WB

FOUR-LAYER REINFORCED EXTRUSION LAMINATE

		DURA♦SKRIM® R12BBR / R12WBK	
		TYPICAL	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Appearance		Black/Black or White/Black	
Thickness, Nominal	ASTM D5199	12 Mil	0.30 mm
Weight	ASTM D751	55 lbs/MSF	269 g/m^2
Construction		Extrusion laminated with scrim reinforcement	
[2] Grab Tensile Strength	ASTM D7004	100 lbs	445 N
[2] Grab Tensile Elongation	ASTM D7004	17 %	17 %
[3] Tongue Tear	ASTM D5884	40 lbs	178 N
CBR Puncture Resistance	ASTM D6241	250 lbs	1112 N
Mullen Burst	ASTM D751	100 psi	690 kPa
WVTR	ASTM E96	0.010 grains/ft^2•hr	0.167 g/m^2•day
Perm Rating	ASTM E96	0.023 Perms	0.015 g/m^2•day•mm Hg
Hydraulic Conductivity	ASTM E96	1.85x10^{-10} cm/sec	
Maximum Static Use Temperature		180° F	82° C
Minimum Static Use Temperature		-70° F	-57° C

[2] Tests are an average of primary reinforcement directions.
[3] Tests are an average of machine and transverse directions.

DURA·SKRIM®

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Scan QR Code to download technical data sheets.

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

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