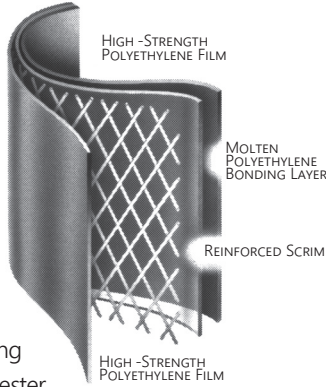


DURA♦SKRIM® R20BDV

SCRIM REINFORCED POLYETHYLENE

PRODUCT DESCRIPTION

DURA♦SKRIM® R20BDV consists of virgin outer layers of high-strength polyethylene film laminated together with hot molten polyethylene. DURA♦SKRIM® R20BDV is black on one side and gray on the other for added versatility. 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. DURA♦SKRIM® R20BDV 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

DURA♦SKRIM® R20BDV is used in applications that require exceptional outdoor life and demand high tear and puncture resistance. DURA♦SKRIM® R20BDV is manufactured from a chemically-resistant, virgin polyethylene.

SIZE & PACKAGING

DURA♦SKRIM® R20BDV 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.



Landfill Cover

PRODUCT

PART

DURA♦SKRIM..... R20BDV

APPLICATIONS

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

DURA♦SKRIM® R20BDV

SCRIM REINFORCED POLYETHYLENE

		DURA♦SKRIM® R20BDV	
		TYPICAL	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Appearance		Black/Gray	
Thickness, Nominal		20 Mil	0.51 mm
Weight	ASTM D751	74 lbs/MSF	361 g/m ²
Construction		Extrusion laminated with scrim reinforcement	
² Grab Tensile Strength	ASTM D7004	115 lbs	512 N
² Grab Tensile Elongation	ASTM D7004	17 %	17 %
³ Tongue Tear	ASTM D5884	53 lbs	236 N
CBR Puncture Resistance	ASTM D6241	280 lbs	1246 N
Mullen Burst	ASTM D751	120 psi	827 kPa
High Pressure OIT	ASTM D5885	2400 min	2400 min
WVTR	ASTM E96	0.009 grains/ft ² •hr	0.151 g/m ² •day
Perm Rating	ASTM E96	0.023 Perms	0.015 g/m ² •day•mm Hg
Hydraulic Conductivity	ASTM E96	1.77x10 ⁻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® R20BDV consists of virgin outer layers of high-strength polyethylene film laminated together with hot molten polyethylene. DURA♦SKRIM® R20BDV is black on one side and gray on the other for added versatility. 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. DURA♦SKRIM® R20BDV 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.



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

VIAFLEX, INC.
 821 W Algonquin Street Sioux Falls, SD 57104
 Ph: +1 (605) 335-0174 • TF: +1 (800) 635-3456
 © 2022 VIAFLEX INC. All rights reserved.

sales@viaflex.com
www.viaflex.com



27-0043 09/22