

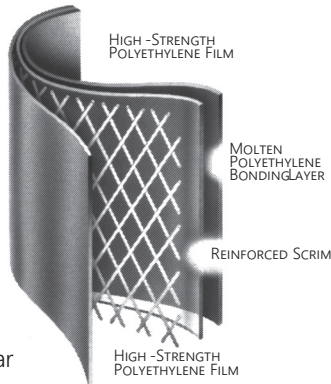
DURA♦SKRIM® R20BV

FOUR-LAYER REINFORCED EXTRUSION LAMINATE - MEETS GRI-GM22



PRODUCT DESCRIPTION

DURA♦SKRIM® R20BV consist of two sheets of high-strength virgin polyethylene film laminated together with a third layer of molten polyethylene. The black outer layers contain carbon black to enhance outdoor life. A durable scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life.



DURA♦SKRIM® R20BV 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® R20BV is used in more demanding applications requiring high tear and puncture resistance and is designed to withstand longer-term outdoor applications requiring up to 10 years of exposure depending upon geographical locations.

DURA♦SKRIM® R20BV is designed to meet the requirements of the Geosynthetics Research Institute; GRI-GM22 Standard Specification.

SIZE & PACKAGING

DURA♦SKRIM® R20BV 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.

DURA♦SKRIM®



Temporary Rain Shed Cover

PRODUCT

PART

DURA♦SKRIM R200BV

APPLICATIONS

Modular Tank Liners	Interim Landfill Caps
Evaporation Covers	Remediation Covers
Remediation Liners	Erosion Control Covers
Earthen Liners	

DURA♦SKRIM® R20BV

FOUR-LAYER REINFORCED EXTRUSION LAMINATE - MEETS GRI-GM22

		DURA♦SKRIM R20BV			
		IMPERIAL		METRIC	
PROPERTIES	TEST METHOD	MINIMUM	TYPICAL	MINIMUM	TYPICAL
APPEARANCE		Black/Black			
THICKNESS	ASTM D5199	17 Mil Average	20 Mil Nominal	0.43 mm Average	0.51 mm Nominal
WEIGHT	ASTM D751	94 lbs/MSF	97 lbs/MSF	459 g/m²	474 g/m²
CONSTRUCTION		Extrusion laminated with scrim reinforcement			
² GRAB TENSILE	ASTM D7004	114 lbs	138 lbs	507 N	614 N
² GRAB TENSILE ELONGATION	ASTM D7004	15 %	17 %	15 %	17 %
³ TONGUE TEAR	ASTM D5884	53 lbs	58 lbs	236 N	258 N
CBR PUNCTURE RESISTANCE	ASTM D6241	320 lbs	350 lbs	1423 N	1557 N
MULLEN BURST	ASTM D751	130 psi	160 psi	896 kPa	1103 kPa
HIGH PRESSURE OIT	ASTM D5885	1000 min	2600 min	1000 min	2600 min
WVTR	ASTM E96	N/A	0.009 grains/ft²•hr	N/A	0.151 g/m²•day
PERM RATING	ASTM E96	N/A	0.022 Perms	N/A	0.0145 g/m²•day•mm Hg
HYDRAULIC CONDUCTIVITY	ASTM E96	1.77x10 ⁻¹⁰ cm/sec			
MAXIMUM STATIC USE TEMPERA-		180° F		82° C	
MINIMUM STATIC USE TEMPERA-		-70° F		-57° C	
LOW TEMPERATURE BEND TEST	ASTM D2136	-70° F			

² Tests are an average of primary reinforcement directions.

³ Tests are an average of machine and transverse directions.

DURA♦SKRIM®

DURA♦SKRIM® R20BV consist of two sheets of high-strength virgin polyethylene film laminated together with a third layer of molten polyethylene. The black outer layers contain carbon black to enhance outdoor life. A durable scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA♦SKRIM® R20BV 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, the typical property values 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

Viaflex

27-0041 02/25