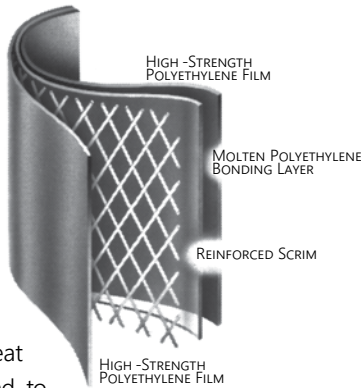


## PRODUCT DESCRIPTION

DURA♦SKRIM® R20WW consists of outer layers of white high-strength virgin polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability.



A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA♦SKRIM® R20WWK 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® R20WW is used in applications that require exceptional outdoor life and demand high puncture and tear strengths. DURA♦SKRIM® R20WW is manufactured from virgin polyethylene and provides an opaque white surface for applications where an aesthetically clean membrane is an important performance characteristic.

## SIZE & PACKAGING

DURA♦SKRIM® R20WWK 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® R20WW ..... R20WWK

## APPLICATIONS

- |                          |                        |
|--------------------------|------------------------|
| Crawlspace Vapor Barrier | Remediation Covers     |
| CrawlSpace Encapsulation | Erosion Control Covers |
| Modular Tank Liners      | Vapor Retarders        |
| Remediation Liners       | Earthen Liners         |

# DURA♦SKRIM® R20WW

FOUR-LAYER REINFORCED EXTRUSION LAMINATE

		DURA♦SKRIM R20WWK			
		IMPERIAL		METRIC	
PROPERTIES	TEST METHOD	MINIMUM	TYPICAL	MINIMUM	TYPICAL
APPEARANCE		White/White			
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/m <sup>2</sup>	474 g/m <sup>2</sup>
CONSTRUCTION		Extrusion laminated with scrim reinforcement			
<sup>2</sup> GRAB TENSILE	ASTM D7004	114 lbs	143 lbs	507 N	636 N
<sup>2</sup> GRAB TENSILE ELONGATION	ASTM D7004	15 %	17 %	15 %	17 %
<sup>2</sup> 1" TENSILE STRENGTH	ASTM D7003	78 lbs/in	92 lbs/in	137 N/cm	161 N/cm
<sup>2</sup> ELONGATION AT FILM BREAK	ASTM D7003	100 %	700 %	100 %	700 %
<sup>3</sup> TONGUE TEAR	ASTM D5884	53 lbs	63 lbs	236 N	280 N
CBR PUNCTURE RESISTANCE	ASTM D6241	320 lbs	350 lbs	1423 N	1557 N
MULLEN BURST	ASTM D751	130 psi	170 psi	896 kPa	1172 kPa
HIGH PRESSURE OIT	ASTM D5885	1000 min	2600 min	1000 min	2600 min
WVTR	ASTM E96	N/A	0.009 grains/ft <sup>2</sup> •hr	N/A	0.151 g/m <sup>2</sup> •day
PERM RATING	ASTM E96	N/A	0.022 Perms	N/A	0.0145 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>2</sup> Tests are an average of primary reinforcement directions.

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

DURA♦SKRIM® R20WW consists of outer layers of white high-strength virgin polyethylene film laminated together with a black layer of molten polyethylene. Both outer layers contain UV inhibitors and thermal stabilizers to assure long outdoor life. The white layers are designed to reduce heat build up and condensation, and to provide excellent dimensional stability. A layer of polyester scrim reinforcement placed between these plies greatly enhances tear resistance and increases service life. DURA♦SKRIM® R20WWK 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.

## DURA♦SKRIM®

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)



Scan QR Code to download technical data sheets.

### 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](http://www.viaflex.com)

27-0046 09/22