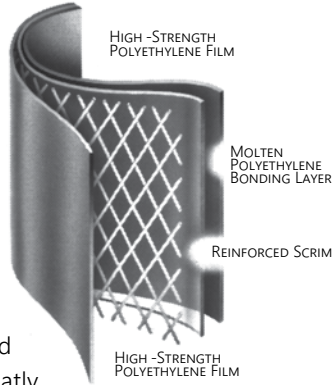


## PRODUCT DESCRIPTION

DURA♦SKRIM® R24BV 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's heavy-duty diamond reinforcement responds to tears instantly by surrounding and stopping the tear.



## PRODUCT USE

DURA♦SKRIM® R24BV is used in more demanding applications requiring high tear resistance and is designed to withstand longer-term outdoor applications requiring up to 10 years of exposure depending upon geographical locations.

DURA♦SKRIM® R24BV meets or exceeds all requirements of the Geosynthetics Research Institute; GRI-GM22 Standard Specification.

## SIZE & PACKAGING

DURA♦SKRIM® R24BV is available in a variety of widths and panels up to 50,000 square feet. All panels 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 ..... R24BV

## APPLICATIONS

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

# DURA♦SKRIM® R24BV

MEETS GRI-GM22 STANDARD SPECIFICATION

## PRO-FORMA DATA SHEET - TYPICAL VALUES

		DURA♦SKRIM® 24BV	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC
APPEARANCE		Black/Black	
THICKNESS, NOMINAL		24 mil	0.61 mm
WEIGHT		96 lbs/MSE 13.8 oz./yd <sup>2</sup>	469 g/m <sup>2</sup>
CONSTRUCTION		Extrusion laminated with scrim reinforcement	
*TENSILE STRENGT	ASTM D7003	88 lbf/in	15.4 N/cm
*ELONGATION AT BREAK	ASTM D7003	600 %	
*GRAB TENSILE	ASTM D7004	130 lbf	578 N
**TONGUE TEAR	ASTM D5884	65 lbf	289 N
CBR PUNCTURE RESISTANCE	ASTM D6241	365 lbf	1624 N
MULLEN BURST	ASTM D751	180 psi	1241 kPa
UV RESISTANCE (10,000 HR)	ASTM D882 / GRI-GM16	>90% retained / no cracking	
HIGH PRESSURE OIT		>1000 min.	
MAXIMUM STATIC USE TEMPERATURE		180° F	82° C
MINIMUM STATIC USE TEMPERATURE		-70° F	-57° C
WVTR	ASTM E96 Procedure B	0.010 g/100in <sup>2</sup> /day	0.16 g/m <sup>2</sup> /day
PERM	ASTM E96 Procedure B	0.022 g/(ft <sup>2</sup> -hr-in-Hg)	0.015 g/(24hr-m <sup>2</sup> -mm-Hg)

\*Tests are an average of diagonal directions.

\*\*Tests are an average of MD and TD directions.

Hydraulic conductivity values are derived from permeability data. R24BV =  $1.53 \times 10^{-10}$  cm/sec.

PRO-FORMA SHEET CONTENTS: The data listed in the Pro-Forma data sheet is representative of initial production runs. These values may be revised at anytime without notice as additional test data becomes available.

## DURA♦SKRIM®

DURA♦SKRIM® R24BV is a four-layer reinforced extrusion laminate. The outer layers consist of a high-strength polyethylene film containing carbon black and UV and thermal stabilizers.

DURA♦SKRIM® R24BV is reinforced with 1000 denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 3" across the width.

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. RAVEN INDUSTRIES 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.ravenefd.com](http://www.ravenefd.com)

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