

# DURA•SKRIM® R24BV

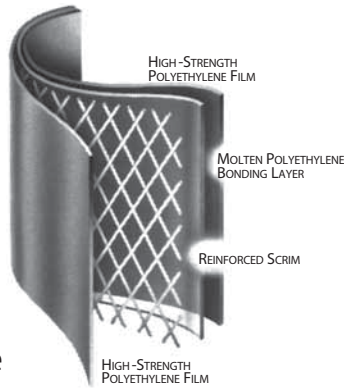
Meets GRI-GM22 Standard Specification

**RAVEN**  
ENGINEERED FILMS

## 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

## PRO-FORMA DATA SHEET - TYPICAL VALUES

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

\*Tests are an average of diagonal directions.

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

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® 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)



Scan QR Code to download current technical data sheets via the Raven website.



**Engineered Films Division**  
 P.O. Box 5107  
 Sioux Falls, SD 57117-5107  
 Ph: (605) 335-0174 • Fx: (605) 331-0333

Toll Free: 800-635-3456  
 Email: [efdsales@ravenind.com](mailto:efdsales@ravenind.com)  
[www.ravenefd.com](http://www.ravenefd.com)  
 1/11 EFD 1297