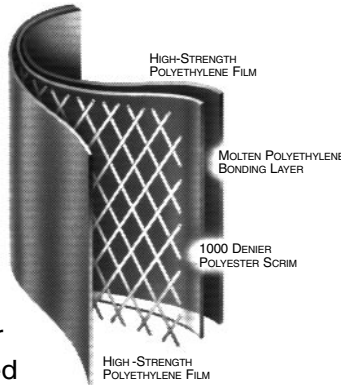


## PRODUCT DESCRIPTION

### DURA•SKRIM R20WW

consists of virgin outer layers of white high-strength 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's** heavy-duty diamond reinforcement responds to tears immediately by surrounding and stopping the tear.



## 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 a very chemical-resistant, virgin polyethylene.

## SIZE & PACKAGING

**DURA•SKRIM R20WW** is available in a variety of widths and lengths. Panel sizes up to 50,000 square feet are available. All panels are accordion folded every six feet and tightly rolled on a heavy-duty core for ease of handling and time-saving installation.



*Remediation Cover*

### PRODUCT

### PART NUMBER

**DURA•SKRIM R20WW . . R20WWK**

## COMMON APPLICATIONS

- Modular Tank Liners
- Daily Landfill Covers
- Remediation Liners
- Earthen Liners
- Interim Landfill Caps
- Shrimp & Fish Ponds
- Remediation Covers
- Erosion Control Covers
- Vapor Retarders

PROPERTIES	TEST METHOD	DURA-SKRIM R20WW	
		English	Metric
APPEARANCE		White/White	
THICKNESS, NOMINAL		20 mil	0.51 mm
WEIGHT PER MSF		105 lbs.	48 kg
CONSTRUCTION		Extrusion laminated with scrim reinforcement	
*1" TENSILE STRENGTH	ASTM D751	90 lbf.	400 N
ELONGATION AT PEAK STRENGTH	ASTM D751	25%	25%
ELONGATION AT BREAK	ASTM D751	900%	900%
*GRAB TENSILE	ASTM D751	135 lbf.	600 N
PUNCTURE STRENGTH	ASTM D4833	39 lbf.	173 N
*TRAPEZOID TEAR	ASTM D4533	95 lbf.	423 N
HYDROSTATIC RESISTANCE	ASTM D751	150 psi	1034 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C
PERMEABILITY			
WVTR	ASTM E96 **Method A	0.010 g/100in <sup>2</sup> /day	0.16 g/m <sup>2</sup> /day
PERM RATING	ASTM E96 **Method A	0.022 U.S. Perms	0.015 Metric Perms

\*Tests are an average of diagonal directions.

\*\*All testing was performed at 73°F and 50% relative humidity.



DURA-SKRIM R20WW is a white four layer reinforced extrusion laminate. The outer layers consist of high-strength, virgin, linear low density polyethylene film. The white layers contain U.V. and thermal stabilizers. DURA-SKRIM R20WW is reinforced with a ply of a 1000 denier polyester scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 3" across the width. The individual plies are laminated together with black molten polyethylene.

Note: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. 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.

**RAVEN**  
INDUSTRIES  
Flexible Films Department

#### PLANT LOCATION

Sioux Falls, South Dakota

[www.dura-skrim.com](http://www.dura-skrim.com)

#### SALES OFFICE

P.O. Box 5107  
Sioux Falls, SD 57117-5107  
(605) 335-0174  
(605) 331-0333 - FAX  
**800-635-3456**