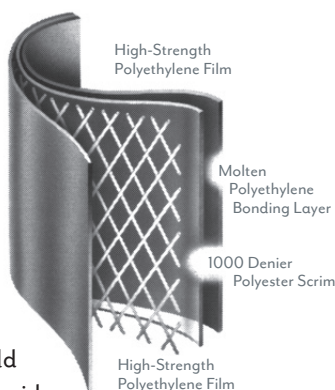


Product Description

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.



Landfill Cover

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. DURA•SKRIM® R20WW meets GRI-GM22 Standard Specification.

Size & Packaging

DURA•SKRIM® R20WW is available in a variety of widths and lengths. Panel sizes up to 60,000 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.

Product

Part

DURA•SKRIM R20WW R20WWK

Applications

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



		DURA•SKRIM® R20WW	
PROPERTIES	TEST METHOD	Imperial	Metric
Appearance		White/White	
Thickness, Nominal		20 mil	0.51 mm
Weight		97 lbs/MSF 14 oz./yd ²	475 g/m ²
Construction		Extrusion laminated with scrim reinforcement	
*Tensile Strength lbf/in. (N/cm)	ASTM D7003	90	158
*Elongation at Peak Strength	ASTM D7003	17%	17%
*Elongation at Break	ASTM D7003	760%	760%
*Grab Tensile lbf/in. (N/cm)	ASTM D7004	140	623
CBR Puncture Resistance lbf/in. (N/cm)	ASTM D6241	360	1600
**Tongue Tear lbf/in. (N/cm)	ASTM D5884	63	280
*Trapezoid Tear lbf/in. (N/cm)	ASTM D4533	95	423
Mullen Burst	ASTM D751	180 psi	1241 kPa
Maximum Use Temperature		180°F	82°C
Minimum Use Temperature		-70°F	-57°C
Permeability			
WVTR	ASTM E96 *** Procedure A	0.010 g/100in ² /day	0.16 g/m ² /day
Perm Rating	ASTM E96 *** Procedure A	0.022 Perms grains/(ft ² ·hr·in·Hg)	0.015 Perms g/(24hr·m ² ·mm Hg)

* Tests are an average of diagonal directions.

** Tests are an average of MD & TD directions.

*** All testing 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, 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. INTERNATIONAL COVER SYSTEMS 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.