

DURA•SKRIM® 2 & 10HUV

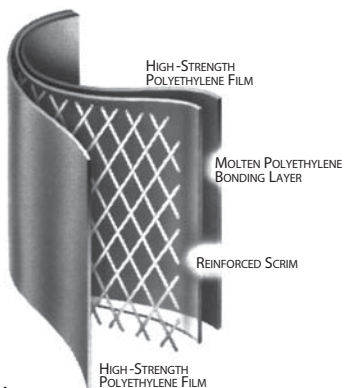
Four-Layer Reinforced Extrusion Laminate

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Product Description

DURA•SKRIM® 2 and 10HUV consist of two sheets of high-strength virgin polyethylene film laminated together with a third layer of molten polyethylene. A heavy-duty 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® 2 is used for temporary applications that require a lightweight yet highly tear-resistant film such as building enclosures and abatement applications.

DURA•SKRIM® 10HUV is used in applications that require good outdoor life and demand high puncture and tear strengths. The two outer layers of DURA•SKRIM® 10HUV contain high concentrations of UV inhibitors and thermal stabilizers to assure added outdoor life up to approximately one year.

Size & Packaging

DURA•SKRIM® 2 stock sizes are 6, 8, 10, 12, 16, 20, 24, 32 and 40 feet wide and 100 feet long.

DURA•SKRIM® 10HUV is available in a variety of widths and lengths up to 100,000 square foot panels.

All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation. Custom sizes are available.



Building Enclosure

Product	Part #
DURA•SKRIM 2.....	R5CC
DURA•SKRIM 10HUV	R10CCU

APPLICATIONS

Construction Enclosures	Asbestos Abatements
Temporary Liners or Covers	Fumigation Covers
Erosion Control	Temporary Walls
Shipping and Packaging	Remediation Covers
Temporary Erosion Control	

DURA-SKRIM® 2 & 10HUV

Four-Layer Reinforced Extrusion Laminate

PROPERTIES	TEST METHOD	DURA-SKRIM 2		DURA-SKRIM 10HUV	
		Imperial	Metric	Imperial	Metric
APPEARANCE		Clear		Clear	
THICKNESS, NOMINAL		6 mil	0.15 mm	10 mil	0.25 mm
WEIGHT		19 lbs/MSF 2.7 oz./yd ²	93 g/m ²	41 lbs/MSF 5.9 oz./yd ²	200 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement			
TENSILE STRENGTH lbf/in. (N/cm)	ASTM D7003	40 lbf.	178 N	60 lbf.	267 N
ELONGATION AT BREAK	ASTM D7003	400%	400%	800%	800%
GRAB TENSILE	ASTM D7004	60 lbf	267 N	85 lbf	378 N
* TRAPEZOID TEAR	ASTM D4533	65 lbf	289 N	70 lbf	311 N
MULLEN BURST RESISTANCE	ASTM D751	45 psi	310 kPa	90 psi	621 kPa
MAXIMUM USE TEMPERATURE		180°F	82°C	180°F	82°C
MINIMUM USE TEMPERATURE		-70°F	-57°C	-70°F	-57°C
PERMEABILITY					
WVTR	ASTM E96 Procedure B	0.058 g/100in ² /day	0.90 g/m ² /day	0.017 g/100in ² /day	0.27 g/m ² /day
PERM RATING	ASTM E96 Procedure B	0.13 Perms grains/(ft ² -hr-in-Hg)	0.086 Perms g/(24hr-m ² -mm Hg)	0.039 Perms grains/(ft ² -hr-in-Hg)	0.026 Perms g/(24hr-m ² -mm Hg)

*Tests are an average of diagonal directions.



DURA-SKRIM® 2 is a clear four layer reinforced extrusion laminate. The outer layers consist of a clear high-strength polyethylene film. DURA-SKRIM® 2 is reinforced with a minimum of a 1000 denier scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 9" across the width. The individual plies are laminated together with molten polyethylene.

DURA-SKRIM® 10HUV is a clear, four-layer reinforced extrusion laminate. The outer layers consist of a high strength polyethylene film with a high concentration of U.V. and thermal stabilizers. DURA-SKRIM® 10HUV is reinforced with a minimum of a 1000 denier 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 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 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.



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