

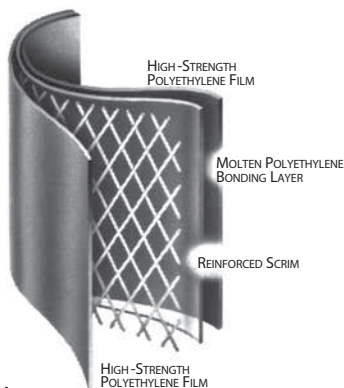
DURA•SKRIM® 2 & 10HUV

Four-Layer Reinforced Extrusion Laminate

RAVEN
ENGINEERED FILMS

Product Description

DURA•SKRIM® 2 and 10HUV consist of two sheets of high-strength 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, 40 and 60 feet wide by 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.

DURA•SKRIM®



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		Colorless		Colorless	
THICKNESS, NOMINAL		6 mil	0.15 mm	10 mil	0.25 mm
WEIGHT		18 lbs/MSF 2.6 oz./yd ²	88 g/m ²	41 lbs/MSF 5.9 oz./yd ²	200 g/m ²
CONSTRUCTION		Extrusion laminated with scrim reinforcement			
1" TENSILE STRENGTH	ASTM D7003	56 lbf/in	98 N/cm	60 lbf/in	105 N/cm
ELONGATION AT FILM BREAK	ASTM D7003	493 %	493 %	500 %	500 %
GRAB TENSILE	ASTM D7004	63 lbf	280 N	80 lbf	356 N
*TRAPEZOID TEAR	ASTM D4533	38 lbf	169 N	55 lbf	245 N
MULLEN BURST	ASTM D751	40 psi	276 kPa	90 psi	621 kPa
WVTR	ASTM E96 Procedure B	0.587 grains/(100in ² -day)	0.591 g/(m ² -day)	0.214 grains/(100in ² -day)	0.215 g/(m ² -day)
PERM RATING	ASTM E96 Procedure B	0.086 Perms grains/(ft ² -hr-in Hg)	0.057 Perms g/(24hr-m ² -mm Hg)	0.031 Perms grains/(ft ² -hr-in Hg)	0.021 Perms g/(24hr-m ² -mm Hg)
MAXIMUM STATIC USE TEMPERATURE		180°F	82°C	180°F	82°C
MINIMUM STATIC USE TEMPERATURE		-70°F	-57°C	-70°F	-57°C

*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 heavy duty 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®

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, 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



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