



# DURA-SKRIM® 2 & 10HUV

FOUR-LAYER REINFORCED EXTRUSION LAMINATE



## 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.

## APPLICATIONS

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

## 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 AND 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 heavyduty core for ease of handling and time saving installation. Custom sizes are available.



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# DURA-SKRIM®

## SPECIFICATIONS



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		17 lbs/MSF 2.4 oz./yd <sup>2</sup>	83 g/m <sup>2</sup>	41 lbs/MSF 5.9 oz./yd <sup>2</sup>	200 g/m <sup>2</sup>
Construction		Extrusion laminated with scrim reinforcement			
<sup>2</sup> 1" Tensile Strength	ASTM D7003	53 lbf/in	93 N/cm	60 lbf/in	105 N/cm
<sup>2</sup> Elongation at film Break	ASTM D7003	493 %	493 %	500 %	500 %
<sup>2</sup> Grab Tensile	ASTM D7004	60 lbf	267 N	80 lbf	356 N
<sup>1</sup> Trapezoid Tear	ASTM D4533	32 lbf	142 N	55 lbf	245 N
Mullen Burst	ASTM D751	34 psi	234 kPa	90 psi	621 kPa
WVTR	ASTM E96 Procedure B	0.587 grains/(100in <sup>2</sup> -day)	0.591 g/(m <sup>2</sup> -day)	0.214 grains/(100in <sup>2</sup> -day)	0.215 g/(m <sup>2</sup> -day)
Perm Rating	ASTM E96 Procedure B	0.086 Perms grains/(ft <sup>2</sup> -hr-in Hg)	0.057 Perms g/(24hr-m <sup>2</sup> -mm Hg)	0.031 Perms grains/(ft <sup>2</sup> -hr-in Hg)	0.021 Perms g/(24hr-m <sup>2</sup> -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

<sup>1</sup> Tests are an average of diagonal directions.

<sup>2</sup> Tests are an average of primary reinforcement 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® 10HUV is a clear, four-layer reinforced extrusion laminate. The outer layers consist of a high strength polyethylene film with added U.V. and thermal stabilizers for extended outdoor longevity. 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:** The information provided herein is based upon data believed to be reliable. All testing is performed in accordance with ASTM standards and procedures. All values are typical and nominal and do not represent either minimum or maximum performance of the product. Although the information is accurate to the best of our knowledge and belief, no representation of warranty or guarantee is made as to the suitability or completeness of such information. Likewise, no representation of warranty or guarantee, express or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.

RI.050316.020918