

DURA SKRIM®

6 mil & 10 mil Fire Retardant String Reinforced Polyethylene



PRODUCT

Dura Skrim 2FR.....	DS2FR
Dura Skrim 10FR.....	DS10FR

PART NUMBER

APPLICATIONS

- Construction Enclosures
- Asbestos Abatement
- Fumigation Covers
- Temporary Walls
- Curtains
- Job Site Coverings

PRODUCT DESCRIPTION

DURA SKRIM® 2FR and 10FR consist of two sheets of high-strength fire-retardant virgin 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 fire-retardant films meet or exceed NFPA's 701 test, method 2 (Large Scale Requirements).

PRODUCT USE

DURA SKRIM® 2FR and 10FR are used in applications that require a fire-retardant material, and demand high puncture and tear strengths.

SIZE & PACKAGING

DURA SKRIM® 2FR and 10FR are available in a variety of widths and lengths. Panel sizes up to 100,000 square feet are available. All panels are accordion folded and tightly rolled on a heavy-duty core for ease of handling and time saving installation.

PROTECTION FROM THE GROUND UP

2067 Wineridge Place, Suite. F
Escondido, CA 92029

DURA SKRIM®

2FR & 10FR

PROPERTIES	TEST METHOD	DURA SKRIM 2FR		DURA SKRIM 10FR	
		IMPERIAL	METRIC	IMPERIAL	METRIC
Appearance		Translucent, White Color		Translucent, White Color	
Thickness, nominal		6 mil	0.15 mm	10 mil	0.25 mm
Weight		18.5 lbs/MSF 2.7 oz./yd ²	90 g/m ²	40.5 lbs/MSF 5.8 oz./yd ²	198 g/m ²
Construction		Extrusion laminated with scrim reinforcement			
² 1" Tensile Strength	ASTM D7003	45 lbf/in	79 N/cm	57 lbf/in	100 N/cm
² Elongation at Film Break	ASTM D7003	400 %	400 %	500 %	500 %
² Grab Tensile	ASTM D7004	55 lbf	245 N	75 lbf	334 N
¹ Trapezoid Tear	ASTM D4533	30 lbf	133 N	44 lbf	196 N
Mullen Burst	ASTM D751	38 psi	262 kPa	75 psi	517 kPa
Maximum Static Use Temp.		180°F	82°C	180°F	82°C
Minimum Static Use Temp.		-70°F	-57°C	-70°F	-57°C
WVTR	ASTM E96 Procedure B	0.587 grains/(100in ² •day)	0.590 g/(m ² •day)	0.214 grains/(100in ² •day)	0.202 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)
Burning Characteristics Flame Spread Index Smoked Developed Value	ASTM E84 Procedure A	5 20		5 55	

¹ Tests are an average of diagonal directions.

² Tests are an average of primary reinforcement directions.

MEETS OR EXCEEDS THE FOLLOWING FIRE TESTING:

1. National Fire Protection Association (NFPA) 701, Test Method 2 (Large Scale)

2. Class "A" Wall & Ceiling Finish Category as given in the National Fire Protection Association Life Safety Code 101, "Interior Wall and Ceiling Finish Classification" (ASTM E-84-97a).

DURA SKRIM® 2FR & 10FR are fire-retardant four-layer reinforced extrusion laminates. The outer layers consist of a high quality polyethylene film with a high concentration of fire-retardant additives. DURA SKRIM® 2FR & 10FR are reinforced with a heavy duty scrim laid in a diagonal pattern spaced 3/8" apart with an additional machine direction scrim every 9" (R5CCF) and 3" (R10CCF) across the width. The individual plies are laminated together with molten polyethylene. DURA SKRIM® 2FR & 10FR are designed to meet the stringent requirements of the Boston Fire Department for Temporary Enclosures.

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. AMERICOVER, INC. 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.americover.com

