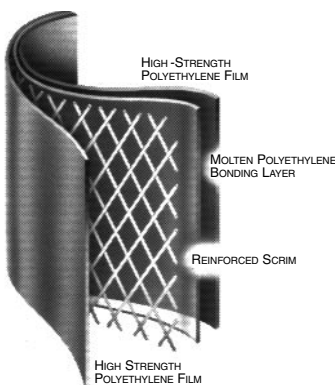


PRODUCT DESCRIPTION

DURA•SKRIM 2FR and 10FR

consist of two sheets of high-strength fire-retardant 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) in addition to CPAI Section 6 and 7.



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 40,000 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.



Building Enclosure

PRODUCT	PART NUMBER
DURA•SKRIM 2FR	R5CCF
DURA•SKRIM 10FR	R10CCF

COMMON APPLICATIONS

- Construction Enclosures
- Vapor Retarders
- Asbestos Abatements
- Fumigation Covers
- Insulation Membranes
- Temporary Walls
- Curtains
- Job Site Coverings



PROPERTIES	TEST METHOD	DURA-SKRIM 2FR		DURA-SKRIM 10FR	
		English	Metric	English	Metric
APPEARANCE		Translucent, Cream Color			
THICKNESS, NOMINAL		6 mil	0.15 mm	10 mil	0.25 mm
WEIGHT PER MSF		20 lbs	9.0 kg	43 lbs.	20 kg
CONSTRUCTION		Extrusion laminated with scrim reinforcement			
*1" TENSILE STRENGTH	ASTM D751	40 lbf.	178 N	50 lbf.	222 N
ELONGATION AT BREAK	ASTM D751	300%	400%	600%	600%
*GRAB TENSILE	ASTM D751	50 lbf.	222 N	78 lbf.	347 N
*TRAPEZOID TEAR	ASTM D4533	35 lbf.	156 N	52 lbf.	231 N
HYDROSTATIC RESISTANCE	ASTM D751	32 psi	220 kPa	74 psi	510 kPa
MULLEN BURST	ASTM D751	53 psi	365 kPa	169 psi	1165 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 Method A	0.058 g/100in ² /day	0.90 g/m ² /day	0.013 g/100in ² /day	0.20 g/m ² /day
PERM RATING	ASTM E96 Method A	0.13 U.S. Perms	0.085 Metric Perms	0.030 U.S. Perms	0.020 Metric Perms
BURNING CHARACTERISTICS FLAME SPREAD INDEX SMOKE DEVELOPED VALUE	ASTM E84 Method A	0 20		5 75	

*Tests are an average of diagonal directions.



MEETS OR EXCEEDS THE FOLLOWING FIRE TESTING:

1. National Fire Protection Association (NFPA) 701, Test Method 2 (Large Scale)
2. Canvas Products Association International (CPAI) Section 6 (Flooring Material)
3. Canvas Products Association International (CPAI) Section 7 (Wall & Top)
4. Class "A" Wall & Ceiling Finish Category as given in the National Fire Protection Association Life Safety Code 101, Section 6-5.3, "Interior Wall and Ceiling Finish Classification" (ASTM E-84-97a).
5. Boston Fire Department for Temporary Enclosures.

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 minimum of 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.

NOTE: To the best of our knowledge, these are typical property values and are intended as guides only, not as specification limits. 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.

RAVEN
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Flexible Films Department

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