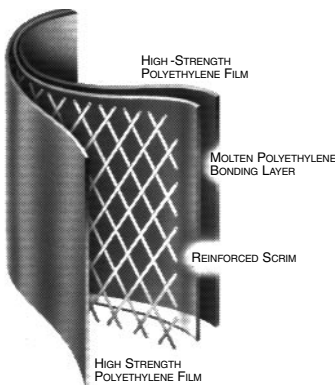


PRODUCT DESCRIPTION

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 large and small 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 Large & Small 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).

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 900 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
INDUSTRIES
Flexible Films Department

PLANT LOCATIONS

Sioux Falls, South Dakota
Springfield, Ohio

SALES OFFICE

P.O. Box 5107
Sioux Falls, SD 57117-5107
(605) 335-0174
(605) 331-0333 - FAX
800-635-3456