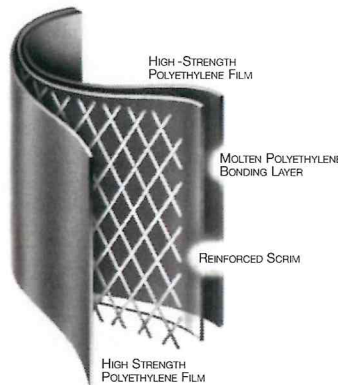


## PRODUCT DESCRIPTION

### 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) in addition to CPAI Section 6 and 7.

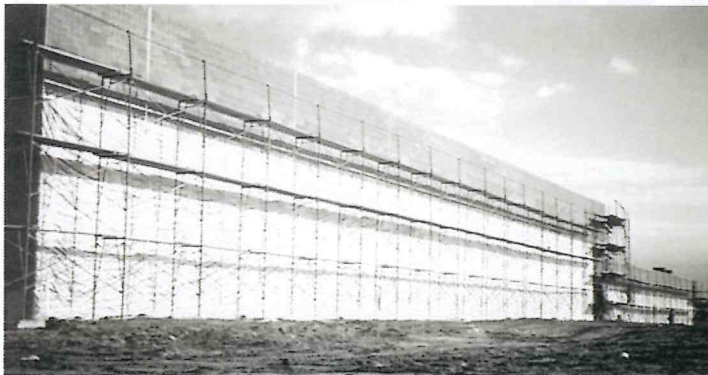


## PRODUCT USE

**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
<b>APPEARANCE</b>		Translucent, Cream Color			
<b>THICKNESS, NOMINAL</b>		6 mil	0.15 mm	10 mil	0.25 mm
<b>WEIGHT</b>		20 lbs/MSF 2.8 oz/yd <sup>2</sup>	98 g/m <sup>2</sup>	43 lbs/MSF 6.2 oz/yd <sup>2</sup>	210 g/m <sup>2</sup>
<b>CONSTRUCTION</b>		Extrusion laminated with scrim reinforcement			
<b>1" TENSILE STRENGTH</b>	ASTM D7003	40 lbf.	178 N	50 lbf.	222 N
<b>ELONGATION AT BREAK</b>	ASTM D7003	400%	400%	600%	600%
<b>GRAB TENSILE</b>	ASTM D7004	50 lbf.	222 N	78 lbf.	347 N
<b>*TRAPEZOID TEAR</b>	ASTM D4533	35 lbf.	156 N	52 lbf.	231 N
<b>HYDROSTATIC RESISTANCE</b>	ASTM D751	32 psi	220 kPa	74 psi	510 kPa
<b>MULLEN BURST</b>	ASTM D751	53 psi	365 kPa	169 psi	1165 kPa
<b>MAXIMUM USE TEMPERATURE</b>		180°F	82°C	180°F	82°C
<b>MINIMUM USE TEMPERATURE</b>		-70°F	-57°C	-70°F	-57°C
<b>PERMEABILITY</b>					
<b>WVTR</b>	ASTM E96 Method A	0.058 g/100in <sup>2</sup> /day	0.90 g/m <sup>2</sup> /day	0.013 g/100in <sup>2</sup> /day	0.20 g/m <sup>2</sup> /day
<b>PERM RATING</b>	ASTM E96 Method A	0.13 U.S. perms	0.085 Metric perms	0.030 U.S. perms	0.020 Metric perms
<b>BURNING CHARACTERISTICS FLAME SPREAD INDEX SMOKE DEVELOPED VALUE</b>	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" (R5CCF) and 3" (R10CCF) 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. NO WARRANTIES ARE MADE 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 we disclaim all liability for resulting loss or damage.



RAVEN INDUSTRIES, INC. / Engineered Films Division



**ISO 9001:2000**  
CERTIFIED MANAGEMENT SYSTEM

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