

TUFF SCRIM POLY™

TS6 ASFR - FIRE RETARDANT, ANTI-STATIC



PRODUCT DESCRIPTION

Tuff-Scrim™ Poly TS6-ASFR is a FIRE RETARDANT, ANTI-STATIC 6 mil extrusion laminated reinforced film containing two layers of fire retardant, anti-static low-density virgin polyethylene (LDPE) and one layer of polyester string reinforcement scrim. Tuff-Scrim™ Poly TS6-ASFR passes the NFPA 701 Large Scale Flame retardant test. TS6-ASFR has a Class I, Class A flame spread rating per UBC-42 and ASTM E-84.

PRODUCT

Tuff-Scrim Poly TS6-ASFR.....TS6-ASFR

PART NUMBER

PRODUCT USE

TS6-ASFR is significantly stronger and more tear resistant than standard 6 mil poly films. The extrusion lamination process and high strength reinforcement scrim make this film exceptionally strong.

Tuff-Scrim™ Poly TS6-ASFR meets or exceeds ASTM E1745 Class C Standard (Plastic water vapor retarders used in contact with soil or granular fill under concrete slabs). Added UV inhibitors give TS6-ASFR an expected longevity in fully exposed outdoor conditions of at least 8 months.

APPLICATIONS

- Temporary Enclosures (dust does not stick)
- Telecommunications tarps for covering sensitive equipment in telephone rooms
- Architectural vapor retarder in walls, ceilings and in roofing systems
- Storage Covers
- Construction Site Coverings
- Bags and Tubing (printing available)
- Floor Covers
- Dust Partitions
- Temporary Walls
- Asbestos, Lead, or Mold abatement Applications
- Building Enclosures
- Scaffold Wrapping
- Industrial Packaging

SIZE & PACKAGING

Standard Rolls from 4' x 100' to 40' x 100' in 4' increments of width are normally available with a production lead time of 5 days or less. Several of the most popular sizes are normally in stock.

Custom fabrication is available to meet your specifications, including 3 dimensional configurations. Sizes up to 100' x 200' can be produced.

Standard in natural

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PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Weight	ASTM D2103	32 LB/1000 ft ²	15.6 KG/100 M ²
3" Load at Yield	ASTM D882	87 LBF	387 N
3" Load at Break	ASTM D882	38 LBF 2100 psi	169 N 14.5 MPA
3" Elongation at Break	ASTM D751B	350%	350%
Tongue Tear	ASTM D751B	10.5 LBF	47 N
Trapezoidal Tear	ASTM D4533	24.5 LBF	109 N
PPT Resistance	ASTM D2582	26 LBF	116 N
Dart Impact Strength	ASTM D1709	0.55 LBF	250 g
Cold Impact Strength	ASTM D1790	-20°F	-28.9°C
Permeance	ASTM E96	0.047 grains/hr*ft ² *in.hg	2.71 NG/(PA*S*M ²)
Surface Resistivity	NFPA 99	2.8 X 10 ⁹ Ohms	2.8 X 10 ⁹ Ohms
Static Decay (50% RH, 10% cutoff)	NFPA 99	0.23 seconds	0.23 seconds
Fire Retardancy	E84	10 flame spread, 75 smoke developed	
	NFPA 701 Test Method 2	Pass	
Minimum Use Temperature	-	0°F	-18°C
Maximum Use Temperature	-	170°F	77°C

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.



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