



TUFF SCRIM™ POLY

6 MIL FIRE RETARDANT POLYETHYLENE SHEETING



PRODUCT DESCRIPTION

Tuff-Scrim™ Poly TS6FR is a 3-ply laminate combining two layers of fire retardant virgin low density polyethylene and a high-strength cord grid. It is specifically engineered to provide high strength and durability in a lightweight material.

APPLICATIONS

- ▶ Temporary walls, plant dividers
- ▶ Building enclosures
- ▶ Containment tents
- ▶ Shipping container covers and Liners
- ▶ Floor covers
- ▶ Dust partitions and cleanroom enclosures
- ▶ Bags and tubing (printing available)
- ▶ Industrial Packaging
- ▶ Custom covers and outside storage. Architectural vapor retarder in walls, ceilings and in roofing systems

PRODUCT USE

Tuff-Scrim™ Poly TS6FR is fire retardant to meet safety requirements in critical equipment and material areas. The multiple layers and cord reinforcement resist punctures and tears and its cold-crack resistance eliminates failures in extremely cold temperatures. TS6FR's low permeability greatly inhibits moisture transmission. TS6FR is flexible and lightweight allowing for easy handling and quick installation. Can also be reused.

Outdoor Exposure:

Under normal continuous exposure the average life expectancy ranges from 6 to 12 months, depending on color.

SIZE AND 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 125' can be produced.

Standard in natural, yellow and green

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SPECIFICATIONS

Tuff Scrim™ 6 mil FR	
IMPERIAL	METRIC VALUE
33 LB/1000 ft ²	16.1 KG/100 M ²
90 LBF	400 N
36 LBF 2000 psi	160 N 13.8 MPA
14 LBF	62 N
26 LBF	116 N
26 lbs	116 N
0.90 lbs	410 G
-20°F	-28.9°C
0.062 Grains/ Hr*ft ² *in.Hg	3.556 NG/ (PA*S*M ²)
5 flames spread, 35 smoke developed PASS	
-5° F	-20° C
150° F	66° C

PROPERTIES	TEST METHOD
Weight	ASTM D3776
3" Tensile Strength	ASTM D882
3" Load at Break	ASTM D882
Tongue Tear	ASTM D751
Trapezoidal Tear	ASTM D4533
PPT Resistance	ASTM D2582
Dart Impact Strength	ASTM D1709
Cold Impact Strength	ASTM D1790
Permeance	ASTM E96
Fire Retardancy	ASTM E84 NFPA 701
Minimum Usable Temperature Range	
Maximum Usable Temperature Range	

Conforms to the following Safety Codes:

- Passes NFPA 701 Test 2 (Large Scale) – “Standard Methods of Fire Tests for Flame Propagation of Textiles and Films”.
- Class I, Class A flame spread rating per UBC-42 and ASTM E-84.

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

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