

TUFF SCRIM POLY™

TS6 FR - FIRE RETARDANT



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. Outdoor exposure- Under normal continuous exposure, the average life expectancy ranges from 10 to 12 months

PRODUCT

PART NUMBER

Tuff-Scrim Poly TS6FR.....TS6FR

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.

APPLICATIONS

Temporary walls, plant dividers, building enclosures and 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

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 125' can be produced. Standard in natural, yellow and green

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PROPERTY	TEST METHOD	IMPERIAL	METRIC VALUE
Weight	ASTM D3776	33 LB/1000 ft ²	16.1 KG/100 M ²
3" Tensile Strength	ASTM D882	90 \LBF	400 N
3" Load at Break	ASTM D882	36 LBF 2000 psi	160 N 13.8 MPA
Tongue Tear	ASTM D751	14 LBF	62 N
Trapezoidal Tear	ASTM D4533	26 LBF	116 N
PPT Resistance	ASTM D2582	26 lbs	116 N
Dart Impact Strength	ASTM D1709	0.90 lbs	410 G
Cold Impact Strength	ASTM D1790	-20°F	-28.9°C
Permeance	ASTM E96	0.062 Grains/ Hr*ft ² *in.Hg	3.556 NG/ (PA*S*M ²)
Fire Retardancy	ASTM E84 NFPA 701	5 flames spread, 35 smoke developed PASS	

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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