



Tuff-Scrim™ Poly TS6FR

Tuff-Scrim™ Poly TS6FR is a **FIRE RETARDANT** 6 mil extrusion laminated reinforced film containing two layers of fire retardant low-density polyethylene (LDPE) and one layer of polyester string reinforcement scrim.

Tuff-Scrim™ Poly TS6FR passes the NFPA 701 Large Scale Flame retardant test. **TS6FR** has a Class I, Class A flame spread rating per UBC-42 and ASTM E-84.

TS6FR 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 TS6FR 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 Tuff-Scrim™ Poly TS6FR an expected longevity in fully exposed outdoor conditions of at least 10 months.

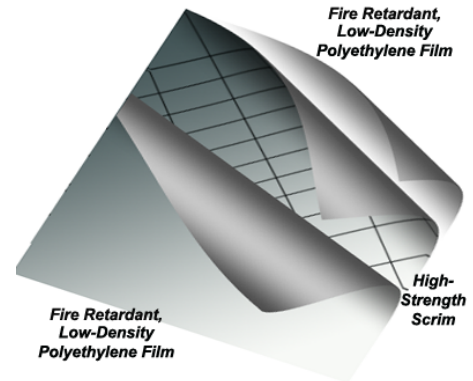
Standard Rolls from 4' x 100' to 40' x 100' in 4' increments of width are normally available with a production lead time of 5 days or less. Several of the most popular sizes are *normally* in stock.

Custom fabrication is available to meet your specifications, including 3 dimensional configurations. Sizes up to 100' x 125' can be produced.

Standard in Natural (white), Blue, Yellow, Green.

Common Uses:

- Temporary Enclosures
- Architectural vapor retarder in walls, ceilings and in roofing systems
- Storage Covers
- Construction Site Coverings
- Bags and Tubing (printing available)
- Floor Covers
- Dust Partitions
- Pallet Covers
- Temporary Walls
- Asbestos, Lead, or Mold Abatement Applications
- Building Enclosures
- Scaffold Wrapping
- Remediation Covers
- Vapor Retarders



Tuff-Scrim™ Poly TS6FR is specifically engineered to provide high strength and durability in a lightweight material.



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Product Testing Data Tuff-Scrim™ Poly TS6FR

<i>Physical Properties and Typical Values</i>			
Property	ASTM Test	U.S. Value	Metric Value
Weight	D-3776	29 lb/1000 ft ²	14kg/100 m ²
3" Tensile Strength	D-882	85 lb	378 N
Puncture Strength	D-4833	29 lb	129 N
PPTResistance	D-2582	18 lb	80 N
Drop Dart	D-1709	365 g	365 g
Cold Crack	D-1709 (mod.)	-5°F	-20°C
Permeance (Perm) @73°F 50% RH	E-96	0.049 grains/hr•ft ² •in. Hg	2.815 ng/(Pa•s•m ²)
Flame Spread	ASTM E-84	5	
Smoke Developed	ASTM E-84	60	
NFPA 701 FR Test	Large scale	Pass	
Min / Max Use Temperature		Min.= -5 °F Max.= 150 °F	Min.= -20 °C Max.= 66 °C
Standard length and width tolerances are ±1% (minimum 2")			

Notice: All values are determined on specimens prepared to ASTM standards.
Nominal values should not be interpreted as specifications.

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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