



# TUFF SCRIM™ POLY

8 MIL REINFORCED POLYETHYLENE SHEETING



## PRODUCT DESCRIPTION

Tuff-Scrim™ Poly T58 is a 8 mil extrusion laminated reinforced film that is a 3-ply laminate combining two layers of linear low density virgin polyethylene and a high-strength cord grid. It is specifically engineered to provide high strength and durability in a lightweight material. This film is durable enough to be reused. Meets or exceeds Class C, ASTM E1745-11 Standard Specification for water vapor retarders used in contact with soil or granular fill under concrete slabs.

## APPLICATIONS

- ▶ Dust partitions
- ▶ Pallet covers
- ▶ Railroad car covers
- ▶ Temporary walls
- ▶ Asbestos, lead, or mold
- ▶ Abatement applications
- ▶ Building enclosures
- ▶ Scaffolding wrapping
- ▶ Remediation covers
- ▶ Vapor Retarders
- ▶ Many types of liners temporary
- ▶ Enclosures
- ▶ Outdoor storage covers
- ▶ Architectural vapor retardor for underslab, walls, ceilings, and in roofing systems
- ▶ Interim landfill covers
- ▶ Construction site coverings
- ▶ Silage, floor, athletic floor and equipment covers

## PRODUCT USE

Tuff-Scrim™ Poly T58 is significantly stronger and more tear resistant than standard 8 mil poly films. The cold-crack resistance eliminates failures in extremely cold temperatures.

### Outdoor Exposure:

Under normal continuous exposure the average life expectancy ranges from 24 to 48 months, depending on the 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 200' x 300' can be produced.

Standard in Clear, White, & Black.

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		Tuff Scrim™ TS8	
PROPERTIES	TEST METHOD	IMPERIAL	METRIC VALUE
Weight	ASTM D751	38 LB/1000 ft <sup>2</sup>	18.6 KG/100 M <sup>2</sup>
3" Load at Yield	ASTM D882	92 LBF	409 N
3" Load at Break	ASTM D882	65 LBF 3050 psi	289 N 21 MPA
3" Elongation at Break	ASTM D882	450%	450%
Puncture Strength	ASTM D4833	70 LBF	311 N
Tongue Tear	ASTM D2261	21 LBF	93 N
Trapezoidal Tear	ASTM D4533	25 LBF	111 N
PPT Resistance	ASTM D2582	31 LBF	138 N
Dart Impact Strength	ASTM D1790	1.6 lbs	730 g
Cold Impact Strength	ASTM D1790	-40°F	-40°C
Permeance	ASTM E96	0.047 Grain/Hr*ft <sup>2</sup> *in.Hg	2.70 NG/(PA*S*M <sup>2</sup> )
Minimum Usable Temperature Range		-45° F	-42° C
Maximum Usable Temperature Range		170° F	77° C

**NOTE:** 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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