

# TUFF SCRIM POLY™

TS14 FR - FIRE RETARDANT



## PRODUCT DESCRIPTION

Tuff-Scrim™ Poly TS14FR is a 5-ply laminate combining three layers of fire retardant, linear low density virgin polyethylene and two high-strength cord grids. It is specifically engineered to provide high strength and durability in a lightweight material. The multiple layers and cord reinforcement resist punctures and tears and provides for a long life expectancy.

Passes NFPA 701 Test 2 (Large Scale) - "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films".

## PRODUCT USE

Tuff-Scrim™ Poly TS14FR is significantly stronger and more tear resistant than standard poly films. Its low permeability greatly inhibits moisture transmission. TS14FR is flexible and lightweight for easy handling and quick installation. This film is used for many applications and works extremely well for crawlspaces and black-out covers. TS14FR is fire retardant to meet safety requirements in critical equipment and material areas. Average life expectancy is 10 to 12 months.

## 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 150' can be produced.

Available in natural and green.

## PRODUCT

Tuff-Scrim Poly TS14 FR.....TS14FR

## PART NUMBER

## APPLICATIONS

Floor Covers  
Dust Partitions  
Pallet Covers, Drum Covers  
Erosion Control and slope protection  
Railroad Car Covers  
Temporary Walls  
Asbestos, Lead, or Mold Abatement Applications  
Building Enclosures  
Scaffold Wrapping  
Remediation Covers  
Vapor Retarders

Crawlspace liners  
Soil Covers to control leachate for stockpiles and landfills  
Interim landfill covers  
Athletic field Covers  
Hay Covers  
Equipment Covers  
Shipping container Covers and Liners  
Outdoor Storage Covers  
Construction Site Coverings  
Silage Covers

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PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Weight	ASTM D3776	74 LB/1000ft <sup>2</sup>	36.1KG/100 M <sup>2</sup>
3" Tensile Strength	ASTM D882	180 LBF	801N
3" Load at Break	ASTM D882	86 LBF 2000 psi	383 N 13.8 MPA
3" Elongation at Break	ASTM D882	375%	375%
Tongue Tear	ASTM D882	31LBF	138 N
Trapezoidal Tear	ASTM D4533	50 LBF	222 N
PPT Resistance	ASTM D2582	42 LPF	187 N
Dart Impact Strength	ASTM D1709	3.3 lbs	1500 G
Cold Impact Strength	ASTM D1790	-40°F	-40°C
Permeance	ASTM E96	0.015 grain/hr*ft <sup>2</sup> *in.hg	0.86 NG/(PA*S*M <sup>2</sup> )
Fire Retardancy	ASTM E84 NFPA 701	5 flame spread, 90 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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