



# TUFF SCRIM™

14 MIL FIRE RETARDANT REINFORCED POLY SHEETING



## PRODUCT DESCRIPTION

Tuff Scrim 14 mil FR 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.

## APPLICATIONS

- ▶ Temporary walls
- ▶ Plant dividers
- ▶ Building enclosures
- ▶ Containment tents
- ▶ Architectural vapor retarders  
in walls, ceilings and roofing  
systems
- ▶ Floor covers, dust partitions
- ▶ Cleanroom enclosures
- ▶ Equipment covers
- ▶ Pallet and custom covers for  
outside storage
- ▶ Custom shipping container covers  
and liners
- ▶ Environmental covers for waste  
containment and disposal
- ▶ Industrial Packaging

## PRODUCT USE

Tuff Scrim 14 mil FR is significantly stronger and more tear resistant than standard poly films. Its low permeability greatly inhibits moisture transmission. T90FR 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.

## 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 150' can be produced.

Available in Natural and Green.

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## 14 MIL FIRE RETARDANT REINFORCED POLY SHEETING SPECIFICATIONS

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

TUFF SCRIM 14 MIL FR	
IMPERIAL	METRIC
74 LB/100ft <sup>2</sup>	36.1 KG/100 M <sup>2</sup>
180 LBF	801 N
86 LBF 2000 psi	383 N 13.8 MPA
375%	375%
31 LBF	138 N
50 LBF	222 N
42 LPF	187 N
3.3 lbs	1500 G
-40°F	-40°C
0.015 grain/hr*ft <sup>2</sup> *in.hg	.86 NG/(PA*S*M <sup>2</sup> )
5 flame spread, 90 smoke developed PASS	
-30 ° F	-32° C
170° F	77° C

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”.

**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](http://www.americover.com)

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