Americover BUILDS

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.

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

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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Americover
PROTECTION FROM THE GROUND UP

TUFF SCRIM™

14 MIL FIRE RETARDANT REINFORCED POLY SHEETING SPECIFICATIONS

PROPERTIES	TEST METHOD	TUFF SCRIM 14 MIL FR	
		IMPERIAL	METRIC
Weight	ASTM D3776	74 LB/100ft²	36.1 KG/100 M²
3" Load at Yield	ASTM D882	180 LBF	801 N
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	31 LBF	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 D1709	-40°F	-40°C
Permeance	ASTM E96	0.015 grain/hr*ft²*in.hg	.86 NG/(PA*S*M²)
Fire Retardancy	ASTM E84 NFPA 701	5 flame spread, 90 smoke developed PASS	
Minimum Usable Temperature Range		-30 ° F	-32° C
Maximum Usable Temperature Range		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

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