

TECHNICAL DATA SHEET



DESCRIPTION

Griffolyn® TX-1200 FR is a 3-ply laminate combining two layers of linear low density polyethylene and a high-strength cord grid. It is specifically engineered to provide high strength and durability in a lightweight material.

PHYSICAL PROPERTIES AND TYPICAL VALUES

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-3776	45 LB/1000 FT ²	22 KG/100 M ²
3" Tensile Strength	D-882	145 LBF	645 N
Puncture Strength	D-4833	48 LBF	214 N
PPT Resistance	D-2582	40 LBF	178 N
Dart Impact Strength	D-1709	2.1 LBS	945 g
Cold Impact Strength	D-1790	-10°F	-23.4°C
Permeance	E-96	0.036 Grain/Hr•Ft ² •In.Hg	2.06 NG/(PA•S•M ²)
Fire Retardancy	E-84	5 flame spread, 75 smoke developed	
	NFPA 701	Pass	

FEATURES AND BENEFITS

- Multiple layers and cord reinforcement resist punctures and tears.
- Cold-crack resistance eliminates failures in cold temperatures.
- Low permeability greatly inhibits moisture transmission.
- Flexibility and light weight allow for easy handling and quick installation.
- Custom fabrication is available to meet your exact specifications.
- Long life expectancy allows for significant cost savings through reuse and fewer replacements.

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”.
- Class I, Class A flame spread rating per UBC-42 and ASTM E-84.

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SUGGESTED APPLICATIONS

- Temporary walls, plant dividers, building enclosures and containment tents.
- Floor covers, dust partitions and cleanroom enclosures.
- Architectural vapor retarder in walls & ceilings and in roofing systems.
- Pallet, cask and drum covers.
- Shipping container covers and liners.

ORDERING INFORMATION

AVAILABLE COLORS:

Natural and Yellow

Custom sizes up to 100' x 200' and custom fabrication are available to meet your exact specifications.

USABLE TEMPERATURE RANGE:

Minimum: -15°F -27°C

Maximum: 170°F 77°C



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