



■ Description

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

■ 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 specifications.
- Long life expectancy allows for significant cost savings through reuse and fewer replacements.
- Class C, ASTM E-1745-11 Standard Specification for water vapor retarders used in contact with soil or granular fill under concrete slabs.

■ Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-751	38 Lb/1000 Ft ²	18.6 Kg/100 m ²
3" Load @ Yield	D-882	92 LBF	409 N
3" Load @ Break	D-882	65 LBF	289 N
		3050 PSI	21 MPA
3" Elongation @ Break	D-882	450%	450%
Tongue Tear	D-2261	21 LBF	93 N
Trapezoidal Tear	D-4533	25 LBF	111 N
PPT Resistance	D-2582	31 LBF	138 N
Dart Impact Strength	D-1709	1.6 LBS	730 G
Cold Impact Strength	D-1790	-40°F	-40°C
Permeance	E-96	0.047 Grain/HR·Ft ² ·in.Hg	2.70 NG/(PA·S·M ²)

■ Suggested Applications

- Pallet, cable reel and drum covers for outside storage.
- Custom bags and tubing.
- Temporary walls, plant dividers, building enclosures and containment tents.
- Shipping container covers and liners.
- Floor covers, dust partitions and cleanroom enclosures.
- Soil covers to control leachate for stockpiles and landfills.
- Agricultural storage systems, hay covers and windbreaks.
- Athletic field and equipment covers.
- Interim landfill covers
- Architectural vapor retarder for underslab, walls, ceilings and in roofing systems.

■ Ordering Information

AVAILABLE COLORS:

Black, White, Black/White, and Clear

Custom sizes up to 200' x 300' and custom fabrication are available to meet your exact specifications.

■ Usable Temperature Range

Minimum: -45° F -42° C

Maximum: 170° F 77° C

TX-1200

GRIFFOLYN®

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, expressed or implied, or merchantability, fitness or otherwise, is made as to product application for a particular use.