

Griffolyn® TX-1600 G is a multi-layer composite combining a nonwoven geotextile and a 3-ply laminate consisting of two layers of UV stabilized coextruded polyethylene and a high strength cord grid. It is specifically engineered to provide high strength and durability in a lightweight material.



- Multiple layers and cord reinforcement combined with the geotextile layer offer extremely high puncture and tear resistance.
- UV stabilization protects the material from degradation during extended exposure to sunlight.
- Cold-crack resistance eliminates failures in extremely 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.

## ■ Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-751	100 Lb/1000 Ft <sup>2</sup>	45.4 Kg/100 m <sup>2</sup>
3" Load @ Yield	D-882	190 LBF	845 N
3" Elongation @ Break	D-882	375%	375%
Tongue Tear	D-2261	40 LBF	178 N
Trapezoidal Tear	D-4533	65 LBF	289 N
PPT Resistance	D-2582	51 LBF	227 N
Dart Impact Strength	D-1709	4 LBS	1.81 Kg
Cold Impact Strength	D-1790	-40°F	-40°C
Permeance	E-96	0.0158 Grain/HR·Ft <sup>2</sup> ·in.Hg	1.06 NG/(PA·S·M <sup>2</sup> )

## ■ 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:

White

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

Standard length and width tolerances are  $\pm 1\%$  (minimum 2")

## ■ Usable Temperature Range

Minimum:        -25° F    -31.6° C

Maximum:        170° F    77° C

TX-1600 G

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.