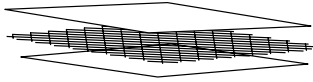


## GRIFFOLYN® TX 1200



Griffolyn® TX-1200 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-751                                 | 38 LB/1000 FT <sup>2</sup>     | 18.5 KG/100 M <sup>2</sup> |
|  | 3" Load @ Yield       | D-882                                 | 90 LBF                         | 400 N                      |
|  | 3" Load @ Break       | D-882                                 | 54 LBF                         | 240 N                      |
|  |                       |                                       | 2500 PSI                       | 17 MPA                     |
|  | 3" Elongation @ Break | D-882                                 | 400 %                          | 400 %                      |
|  | Tongue Tear           | D-2261                                | 22 LBF                         | 98 N                       |
|  | Trapezoidal Tear      | D-4533                                | 29 LBF                         | 129 N                      |
|  | PPT Resistance        | D-2582                                | 29 LBF                         | 129 N                      |
|  | Dart Impact Strength  | D-1709                                | 1.6 LBS                        | 0.73 KG                    |
|  | Cold Impact Strength  | D-1790                                | -40°F                          | -40°C                      |
| Permeance                              | E-96                  | 0.040 Grain/Hr•Ft <sup>2</sup> •in.Hg | 2.30 NG/(PA•S•M <sup>2</sup> ) |                            |

## FEATURES

- Multiple layers and cord reinforcement resist punctures and tears.
- 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.
- Long life expectancy allows for significant cost savings through reuse and fewer replacements.
- Class C, ASTM E-1745-97 Standard Specification for water vapor retarders used in contact with soil or granular fill under concrete slabs.

## 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, and Clear

### SIZES:

Standard rolls from 4' x 100' to 40' x 100' in increments of 4' widths are available for immediate shipment. Standard length and width tolerances are  $\pm 1\%$  (minimum 2")

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

## OUTDOOR EXPOSURE

Under normal continuous exposure the average life expectancy ranges from 30 to 48 months.