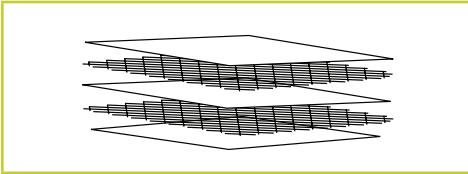


## GRIFFOLYN® TYPE-85



Griffolyn® Type-85 is a 5-ply laminate combining three layers of high density polyethylene and two high-strength cord grids. 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	70 LB/1000 FT <sup>2</sup>	34.2 KG/100 M <sup>2</sup>
3" Tensile Strength	D-882	225 LBF	1000 N
Puncture Strength	D-4833	50 LBF	222 N
PPT Resistance	D-2582	40 LBF	176 N
Dart Impact Strength	D-1709	4 LBS	1800 g
Cold Impact Strength	D-1790	-40°F	-40°C
Permeance	E-96	0.027 Grain/Hr•Ft <sup>2</sup> •in.Hg	1.551 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.
- Chemically resistant to withstand exposure without significant deterioration.
- 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.
- High durability allows for significant savings through reuse and fewer replacements.
- Class B, ASTM E-1 745-97 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.
- Floor covers, dust partitions and cleanroom enclosures.
- Temporary walls, plant dividers, building enclosures and containment tents.
- Architectural vapor retarder for underslab, walls & ceilings and in roofing systems.
- Shipping container covers and liners.
- Soil covers to control leachate for stockpiles and landfills.
- Erosion control and slope protection covers.
- Agricultural storage systems, hay covers and windbreaks.
- Athletic field and equipment covers.

## ORDERING INFORMATION

### AVAILABLE COLORS:

Black

### 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 150' x 200' and custom fabrication are available to meet your exact specifications.

### USABLE TEMPERATURE RANGE:

Minimum: -40°F -40°C

Maximum: 170°F 77°C

## OUTDOOR EXPOSURE

Under normal continuous exposure the average life expectancy ranges from 36 to 48 months.