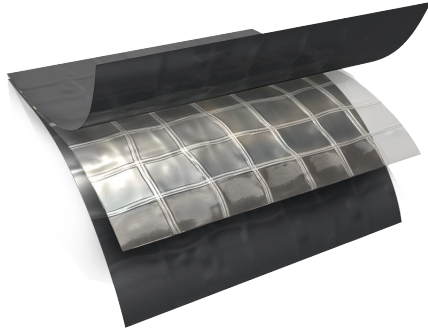


TECHNICAL DATA SHEET



**DESCRIPTION**

Griffolyn® Type-55 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-2103	29 LB/1000 FT <sup>2</sup>	14.15 KG/100 M <sup>2</sup>
3" Load @ Yield	D-882	82 LBF	365 N
3" Load @ Break	D-882	31 LBF	138 N
		1900 PSI	13.1 MPA
3" Elongation @ Break	D-882	360 %	360 %
Tongue Tear	D-2261	15 LBF	67 N
Trapezoidal Tear	D-4533	24.5 LBF	109 N
PPT Resistance	D-2582	25 LBF	111 N
Dart Impact Strength	D-1709 - A	1.4 LBF	636 g
Cold Impact Strength	D-1790	-20°F	-28.9°C
Permeance	E-96	0.059 Grains/Hr•Ft <sup>2</sup> •in.Hg	3.39 NG/(PA•S•M <sup>2</sup> )

**FEATURES AND BENEFITS**

- Multiple layers and cord reinforcement resists 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.
- High durability allows for significant savings through reuse and fewer replacements.

**MORE** ▶▶

**OUR CUSTOMERS DON'T JUST** *cover their business,*  
**▶ THEY PROTECT IT**



## SUGGESTED APPLICATIONS

- Pallet, drum and other custom covers for outside storage.
- Floor covers, dust partitions and cleanroom enclosures.
- Temporary walls, plant dividers, building enclosures and containment tents.
- Shipping container covers and liners.
- Custom bags and tubing.
- Architectural vapor retarder for underslab, walls, ceilings and in roofing systems.

## ORDERING INFORMATION

### AVAILABLE COLORS:

Clear, White, Black or Black/White

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

### USABLE TEMPERATURE RANGE:

Minimum: -35°F -37°C

Maximum: 170°F 77°C

## OUTDOOR EXPOSURE

Under normal continuous exposure the average life expectancy ranges from 12 to 24 months, depending on color.



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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.