



Griffolyn® Type-55 FR is a 3-ply laminate combining two layers of fire retardant 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-3776	33 LB/1000 FT ²	16.1 KG/100 M ²
	3" Tensile Strength	D-882	85 LBF	378 N
	3" Load @ Break	D-882	34 LBF	151 N
			1900 PSI	13.1 MPA
	Tongue Tear	D-751 B	14 LBF	62 N
	Trapezoidal Tear	D-4533	25 LBF	111 N
	PPT Resistance	D-2582	26 LBS	116 N
	Dart Impact Strength	D-1709	1.1 LBS	.5 KG
	Cold Impact Strength	D-1790	-20°F	-29°C
	Permeance	E-96	0.062 Grain/Hr•Ft ² •in.Hg	3.556 NG/(PA•S•M ²)
	Fire Retardancy	E-84	5 flame spread, 25 smoke developed	
		NFPA 701	Pass	

Conforms to the following safety codes:

- Passes NFPA 701 Test 2 (Large Scale) – “Standard Methods of Fire Tests for Flame Propagation of Textiles and Films”.
- Class I, Class A flame spread rating per UBC-42 and ASTM E-84.

FEATURES

- Fire retardant to meet safety requirements in critical equipment and material areas.
- Multiple layers and cord reinforcement resist punctures and tears.
- 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.

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.

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SUGGESTED APPLICATIONS

- Temporary walls, plant dividers, building enclosures and containment tents.
- Shipping container covers and liners.
- Floor covers, dust partitions and cleanroom enclosures.
- Bags and tubing (printing available).
- Industrial Packaging.
- Custom covers and outside storage.
- Architectural vapor retarder in walls, ceilings and in roofing systems.

ORDERING INFORMATION

AVAILABLE COLORS:

Natural, Yellow and Green

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 125' and custom fabrication are available to meet your exact specifications.

USABLE TEMPERATURE RANGE:

Minimum: -5°F -20°C

Maximum: 150°F 66°C

OUTDOOR EXPOSURE

Under normal continuous exposure the average life expectancy ranges from 10 to 12 months, depending on color.

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