



Griffolyn® Type-90 FR is a 5-ply laminate combining three layers of fire retardant, linear low 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	74 LB/1000 FT ²	36.1 KG/100 M ²
	3" Tensile Strength	D-882	180 LBF	800.6 N
	3" Load @ Break	D-882	85 LBF	378 N
			1770 PSI	12.2 MPA
	3" Elongation @ Break	D-882	375 %	375 %
	Tongue Tear	D-882	33 LBF	147 N
	Trapezoidal Tear	D-4533	46 LBF	205 N
	Puncture Strength	D-4833	47 LBF	209 N
	PPT Resistance	D-2582	42 LBF	187 N
	Dart Impact Strength	D-1709	2.5 LBS	1.13 KG
	Cold Impact Strength	D-1790	-40°F	-40°C
	Permeance	E-96	0.028 Grain/Hr•Ft ² •in.Hg	1.606 NG/(PA•S•M ²)
Fire Retardancy	E-84	5 flame spread, 80 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”.

FEATURES

- Multiple layers and cord reinforcement resist punctures and tears.
- 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.

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.

TOLLFREE 1.800.231.6074

9209 Alameda Genoa Rd. • Houston, Texas 77075
 P: 713.507.4251 • F: 713.507.4295
 Email: ri@reefindustries.com



SUGGESTED APPLICATIONS

- Temporary walls, plant dividers, building enclosures and containment tents.
- Architectural vapor retarders in walls, ceilings and roofing systems.
- Floor covers, dust partitions and cleanroom enclosures.
- Equipment covers.
- Pallet and custom covers for outside storage.
- Custom shipping container covers and liners.
- Environmental covers for waste containment and disposal.

ORDERING INFORMATION

AVAILABLE COLORS:

Natural 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 150' and custom fabrication are available to meet your exact specifications.

USABLE TEMPERATURE RANGE:

Minimum: -30°F -32°C

Maximum: 170°F 77°C

OUTDOOR EXPOSURE

Under normal continuous exposure the average life expectancy ranges from 10 to 12 months.

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.

©2009 REEF INDUSTRIES, INC. Griffolyn is a registered trademark of Reef Industries, Inc. 05-09

TOLLFREE 1.800.231.6074

9209 Almeda Genoa Rd. • Houston, Texas 77075

P: 713.507.4251 • F: 713.507.4295

Email: ri@reefindustries.com

