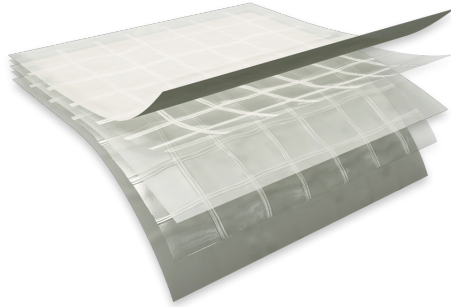


TECHNICAL DATA SHEET



DESCRIPTION

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 | 801 N |
| 3" Load @ Break | D-882 | 86 LBF | 383 N |
| | | 2000 PSI | 13.8 MPA |
| 3" Elongation @ Break | D-882 | 375 % | 375 % |
| Tongue Tear | D-882 | 31 LBF | 138 N |
| Trapezoidal Tear | D-4533 | 50 LBF | 222 N |
| Puncture Strength | D-4833 | 54 LBF | 240 N |
| PPT Resistance | D-2582 | 42 LBF | 187 N |
| Dart Impact Strength | D-1709 | 3.3 LBS | 1500 g |
| Cold Impact Strength | D-1790 | -40°F | -40°C |
| Permeance | E-96 | 0.015 Grain/Hr•Ft ² •in.Hg | 0.86 NG/(PA•S•M ²) |
| Fire Retardancy | E-84 | 5 flame spread, 90 smoke developed | |
| | NFPA 701 | Pass | |

FEATURES AND BENEFITS

- 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.

MORE ▶▶

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



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”.

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.
- Custom shipping container covers and liners.
- Environmental covers for waste containment and disposal.
- Industrial Packaging.

ORDERING INFORMATION**AVAILABLE COLORS:**

Natural and Green

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

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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.