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TE CHN ICA L D A T A SHE ET

d e s c r i p t i o n

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.

P h y s i c a l p r o p e r t i e s a n d t y p i c a l v a l u e s

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| P r o p e r t y  | A s t m t e s t m e t h o d  | u . s . v a l u e  | m e t r i c v a l u e  |
| Weight | D-3776 | 33 LB/1000 FT2 | 16.1 KG/100 M2 |
| 3” Tensile Strength | D-882 | 90 LBF | 400 N |
| 3” Load @ Break | D-882 | 36 LBF | 160 N |
| 2000 PSI | 13.8 MPA |
| Tongue Tear | D-751 B | 14 LBF | 62 N |
| Trapezoidal Tear | D-4533 | 26 LBF | 116 N |
| PPT Resistance | D-2582 | 26 LBS | 116 N |
| Dart Impact Strength | D-1709 | 0.90 LBS | 410 G |
| Cold Impact Strength | D-1790 | -20°F | -28.9°C |
| Permeance | E-96 | 0.062 Grain/Hr•Ft2•in.Hg | 3.556 NG/(PA•S•M2) |
| Fire Retardancy | E-84 | 5 flame spread, 35 smoke developed |
| NFPA 701 | Pass |

# f e a t u r e s a n d b e n e f i t s

* 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.

**MORE**

* High durability allows for significant savings through reuse and fewer replacements.

OUR CUSTOMERs DON’T JUST *cover their business,*

griffo lyn ®

type - 55 fr

**THEY PROTECT IT**

MADE IN

1. S. A.

TE CHN ICA L D A T A SHE ET

GRIFFO LYN ®

Type - 55 fr

# S u g g e s t e d a p p l i c a t i o n s

* + 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.

# O r d e r i n g I n f o r m a t i o n

AVAILABLE COLORS:

Natural, Yellow and Green

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

# o u t d o o r e x p o s u r e

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

# C o n f o r m s t o t h e f o l l o w i n g s a f e t y c o d e s :

* + 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.

Reef Industries, Inc.

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E-mail: ri@reefindustries.com • [www.reefindustries.com](http://www.reefindustries.com/)

toll free 1.800.231.6074

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

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