

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

TE CHN ICA L D A T A SHE ET

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

griffo lyn ®

vaporguard®

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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 | 82 LB/1000 FT2 | 40 KG/100 M2 |
| 3” Tensile Strength | D-882 | 160 LBF | 712 N |
| Puncture Strength | D-4833 | 45 LBF | 200 N |
| PPT Resistance | D-2582 | 45 LBF | 200 N |
| Dart Impact Strength | D-1709 | 3 LBS | 1730 g |
| Cold Impact Strength | D-1790 | -50°F | -45°C |
| Permeance | E-96 | 0.000 Grain/Hr•Ft2•in.Hg | 0.0 NG/(PA•S•M2) |

# d e s c r i p t i o n

Vaporguard® is a 3-ply laminate with an aluminum core surrounded by two layers of multi-axially oriented, HDPE/LLDPE.

It is specifically engineered to provide high strength and durability in a lightweight material.

* Multiple polyethylene layers and aluminum layer provide extremely low permeability and resist punctures and tears.
* UV stabilization protects the material from degradation during extended exposure to sunlight.
* Cold-crack resistance eliminates failures in extremely cold temperatures.
* Chemically resistant to withstand exposure without significant deterioration.
* Aluminum core provides extremely low permeability for minimal moisture transmission.
* Flexibility and light weight allow for easy handling and quick installation.
* Custom fabrication is available to meet your exact specifications.
* Class B, ASTM E-1745-11 Standard Specification for Water Vapor Retarders Used in Contact With Soil or Granular Fill Under Concrete Slabs.

**MORE**

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

**THEY PROTECT IT**

MADE IN

1. S. A.



TE CHN ICA L D A T A SHE ET

GRIFFO LYN ®

vaporguard

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

* + Architectural vapor retarder for under slab, walls & ceilings and in roofing systems. Ideal for cold storage and high moisture areas.
  + Floor covers, dust partitions and cleanroom enclosures.
  + Temporary walls, plant dividers, building enclosures and containment tents.
  + Soil covers to control leachate for stockpiles and landfills.
  + Erosion control and slope protection covers.

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

AVAILABLE COLORS:

Black

SIZES:

Custom sizes up to 100’ x 120’ and custom fabrication are available to meet your exact specifications.

USABLE TEMPERATURE RANGE:

Minimum: -50°F -45°C Maximum: 170°F 77°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 18 to 30 months.

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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.

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