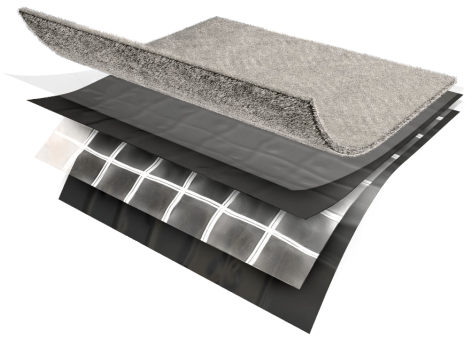
TechData

GRIFFOLYN®

TYPE-65 G

REEF INDUSTRIES, INC.



Griffolyn® Type-65 G is a 3-ply laminate combining two layers of high density polyethylene and a high-strength cord grid with a layer of non-woven geotextile fiber. It is specifically engineered to provide high strength and durability in a lightweight material.

- Multiple layers and cord reinforcement combined with the geotextile layer offer extremely high puncture and tear resistance.
- UV stabilization protects the material from degradation during extended exposure to sunlight.
- 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.
- Class A, ASTM E-1745-11 Standard Specification for Water Vapor Retarders Used in Contact With Soil or Granular Fill Under Concrete Slabs.

Physical Properties & Typical Values

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-3776	82 Lb/1000 Ft^2	40.1 Kg/100 m^2
3" Tensile Strength	D-882	190 LBF	845 N
Puncture Strength	D-4833	60 LBF	267 N
PPT Resistance	D-2582	62 LBF	276 N
Dart Impact Strength	D-1709	5 LBS	2270 G
Cold Impact Strength	D-1790	-40°F	-40°C
Permeance	E-96	0.038 Grain/HR·Ft^2·in.Hg	2.125 NG/(PA·S·M^2)

MADE IN THE USA

GRIFFOLYN® Type-65 G

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Suggested Applications

Architectural vapor retarder under slab on grade.

Ordering Information

AVAILABLE COLORS:

Black

SIZES:

Rolls are available from 4' x 100' to 40' x 100' in increments of 4' widths. Some sizes available for immediate shipment. Standard length and width tolerances are ± 1% (minimum 2")

Custom sizes up to 100' x 100' and custom fabrication are avaiable to meet your exact specifications.

Usable Temperature Range

Minimum:	-25° F	-31.6° C
Maximum:	170° F	77° C

Outdoor Exposure

Under normal continuous exposure the average life expectancy ranges from 18 to 30 months, depending on color.

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