

## 10 MIL GREEN

Griffolyn® 10 mil is a co-extruded polyolefin membrane containing the latest polymer technology, resulting in superior puncture resistance, impact and tensile strength. It is specifically engineered to provide high strength and durability in a vapor retarder.

### ASTM E-1745-2004 REQUIREMENTS

CRITERIA	ASTM TEST METHOD	CLASS A	CLASS B	GRIFFOLYN® 10 MIL
Water Vapor Permeance	E-96 / F-1249	0.3 PERMS	0.3 PERMS	0.027 PERMS
Tensile Strength	D-882	45.0 LBF/in.	30 LBF/in.	45 LBF/in.
Puncture Resistance	D-1709	2200 g	1700 g	2250 g

### PHYSICAL PROPERTIES AND TYPICAL VALUES

PROPERTY	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Roll Weight	D-2103	145 LBS	67 KG
Roll Size		12' x 250'	3.65 M x 76 M
1" Load @ Break	D-882	45 LBF	200 N
		4500 PSI	31 MPA
3" Elongation @ Break	D-882	600 %	600 %
Tongue Tear	D-2261	11.5 LBF	51 N
Dart Impact Strength	D-1709	5 LBS	2250 g
Permeance	E-96	0.027 Grain/Hr•Ft <sup>2</sup> •in.Hg	1.549 NG/(PA•S•M <sup>2</sup> )
PPT Resistnace	D-2582	35 LBF	156 N

## FEATURES

- Class A and Class B, ASTM E-1745-2004 Standard Specification for Water Vapor Retarders Used in Contact With Soil or Granular Fill Under Concrete Slabs.
- Low permeability greatly inhibits moisture transmission.
- Flexibility allows for easy handling and quick installation.
- Cold-crack resistance eliminates failures in extremely cold temperatures.

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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**REEF INDUSTRIES, INC.**

The Manufacturing Leader of Specialized Industrial Plastic Films Since 1957.

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GRIFFOLYN®

PRODUCT INFORMATION • SPECIFICATION GUIDE

