

# Poly Scrim 15

Poly Scrim 15 is a 15 mil co-extrusion 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.

## FEATURES

- Flexibility and light weight allow for easy handling and quick installation
- Cold-crack resistance eliminates failures in extremely cold temperatures.
- Low permeability greatly inhibits moisture transmission
- Class A, ASTM E-1745-97 Standard Specification for Water Vapor Retarders used in contact with soil or granular fill under concrete slabs.

### ASTM E-1745-97 Requirements

| CRITERIA              | ASTME Test Method | Class A      | Poly Scrim 10 |
|-----------------------|-------------------|--------------|---------------|
| Water Vapor Permeance | E-96/F-1249       | 0.3 PERMS    | 0.018 PERMS   |
| Tensile Strength      | D-882             | 45.0 LBF/in. | 60 LBF/in     |
| Puncture Resistance   | D-1709            | 2200 g       | 3100 g        |

## Physical Properties and Typical Values

| Property              | ASTM Test Method | U.S. Value                             | Metric Value                    |
|-----------------------|------------------|--|---------------------------------|
| Roll Weight           | D-2103           | 125 LBS                                | 57 KG                           |
| Roll Size             |                  | 12' x 150'                             | 3.65M x 45.7 M                  |
| 1" Load @ Break       | D-882            | 60 LBF                                 | 267 N                           |
|                       |                  | 4000 PSI                               | 27.7 MPA                        |
| 3" Elongation @ Break | D-882            | 580%                                   | 580 %                           |
| Tongue Tear           | D-2261           | 24 LBF                                 | 107 N                           |
| PPT Resistance        | D-2582           | 47 LBF                                 | 209 N                           |
| Dart Impact Strength  | D-1709           | 7 LBS                                  | 3100 g                          |
| Permeance             | E-96             | 0.018 Grains/Hr•FT <sup>2</sup> •in.Hg | 1.032 NG/(PA•S•M <sup>2</sup> ) |

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.