

# Ultra 15-NG (Nuclear Grade)

## Product Description

Ultra 15-NG (Nuclear Grade) 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.



## Physical Properties and Typical Values

Property	ASTM Test Method	U.S. Value	Metric Value
Roll Weight	D-2103	145 LBS	67 KG
Roll Size		10' x 200'	3 M x 61 M
1" Load @ Break	D-882	72 LBF 4800 PSI	320 N 33.1 MPA
3" Elongation @ Break	D-882	600 %	600 %
Tongue Tear	D-2261	24 LBF	107 N
Dart Impact Strength	D-1709	7 LBS	3178 g
Permeance	E-96	0.018 Grain/Hr•Ft <sup>2</sup> •in.Hg	1.032 NG/(PA•S•M <sup>2</sup> )
PPT Resistnace	D-2582	47 LBF	209 N

## Features and Benefits

- ✓ Class A and Class B, ASTM E-1745-2011 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.



6020 Progressive Avenue, STE 300, San Diego, CA 92154

Toll Free: 866-597-9298 760-597-9298

Fax: 760-597-9574

Email: [sales@globalplasticsheeting.com](mailto:sales@globalplasticsheeting.com)

[www.globalplasticsheeting.com](http://www.globalplasticsheeting.com)