

# Ultra 10-NG (Nuclear Grade)

## Product Description

Ultra 10-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		12' x 250'	3.65 M x 76 M
1" Load @ Break	D-882	44 LBF	196 N
		4500 PSI	31 MPA
3" Elongation @ Break	D-882	600 %	600 %
Tongue Tear	D-2261	12 LBF	53 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	36 LBF	160 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.