



Nitra-Base™ Technical Data Sheet

Nitra-Base is comprised of a high strength HDPE membrane that is thermally bonded to a polypropylene geotextile. Nitra-Base layer is installed as a base layer prior to Nitra-Core™ spray application with the HDPE side facing up.

Nitra-Base General Properties

Properties	Test Method	Nitra-Base
Film Thickness		23 mil
Color		Clear HDPE - White Geotextile
Weight	ASTM D751 - 06	Avg. 6.8 oz/yd ²
Tensile Strength (Grab)	ASTM D751 - 06	CD - 270.5 lbf. MD - 350.9 lbf.
Tear Strength (Trapezoidal)	ASTM D751 - 06	CD - 48.3 lbf. MD - 44.4 lbf.
Puncture Resistance	ASTM D4833 - 07	103.1 lbf.
Life Expectancy	ASTM E 154 - 93	Indefinite
Elongation	ASTM D751 - 06	CD - 26.0% MD - 32.6%
Chemical Resistance		Excellent

Packaging

Weight of Roll	8.5' x 150'
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