

# N100

## Nonwoven Geotextile for Drainage and Separation

N100 is a polypropylene, needle punched nonwoven geotextile for use in drainage and separation applications. It has been stabilized to resist degradation due to ultraviolet exposure and is resistant to commonly encountered mildew, insects and soil chemicals, and is non-biodegradable. Polypropylene is stable with a pH range of 2 to 13.

Geotextile Property	Test Method	Minimum Average Roll Values
Grab Tensile Strength	ASTM D4632	250 Lbs
Grab Tensile Elongation	ASTM D4632	50 %
CBR Puncture Strength	ASTM D6241	700 Lbs
Trapezoid Tear Strength	ASTM D4533	100 Lbs
UV Resistance @ 500 Hours	ASTM D4355	70 %
AOS	ASTM D4751	100 Sieve
Permittivity (sec <sup>-1</sup> )	ASTM D4491	0.8 sec <sup>-1</sup>
Flow Rate	ASTM D4491	75 gpm/ft <sup>2</sup>

*Results quoted above are the mean of multiple tests conducted at an independent testing facility.  
N100 meets or exceeds values listed.*

### Packaging

Roll Width	12.5 ft.	15 ft.
Roll Length	300 ft.	300 ft.
Roll Area	417 sy	500 sy

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