

N045

Nonwoven Geotextile for Drainage and Separation

N045 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	120 Lbs
Grab Tensile Elongation	ASTM D4632	50 %
CBR Puncture Strength	ASTM D6241	310 Lbs
Trapezoid Tear Strength	ASTM D4533	50 Lbs
UV Resistance @ 500 Hours	ASTM D4355	70 %
AOS	ASTM D4751	70 Sieve
Permittivity (sec ⁻¹)	ASTM D4491	1.5 sec ⁻¹
Flow Rate	ASTM D4491	120 gpm/ft ²

Results quoted above are the mean of multiple tests conducted at an independent testing facility. N045 meets or exceeds values listed.

Packaging

Roll Width	12.5 ft.	15 ft.
Roll Length	360 ft.	360 ft.
Roll Area	500 sy	600 sy

04 2022

Disclaimer: Ferguson/ACF Environmental assumes no liability for the completeness or accuracy of this information or the ultimate use of this information. This document should not be construed as engineering advice. Always consult the project engineer for project specific requirements. The end user assumes sole responsibility for the use of this information