

N045

TECHNICAL DATA SHEET NONWOVEN GEOTEXTILE

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.

SPECIFICATIONS:

The N045 polypropylene nonwoven fabric will utilize the following characteristics:

PROPERTY	TEST METHOD	MIN. AVG. ROLL VALUE
Grab Tensile Strength ¹	ASTM D4632	120 lbs
Grab Tensile Elongation	ASTM D4632	50%
CBR Puncture	ASTM D6241	335 lbs
Trapezoid Tear Strength	ASTM D4533	50 lbs
UV Resistance @ 500 hrs	ASTMD4355	70%
Apparent Opening Size (AOS)	ASTM D4751	70 US Sieve
Permittivity (sec ⁻¹)	ASTM D4491	1.8 (sec ⁻¹)
Flow Rate	ASTM D4491	120 gpm/ft ²

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

¹ Values apply to both machine and cross-machine directions

PACKAGING:

Roll Width	12.5 ft.	15 ft.
Roll Length	360 ft.	360 ft.
Roll Area	500 yd ²	600 yd ²

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