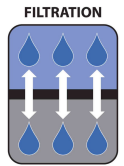




# US 105NWE

## Environmental Nonwoven Geotextile



US 105NWE is a 4 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 105NWE is resistant to ultraviolet deterioration, rotting, biological degradation, naturally encountered bases and acids. Polypropylene is stable within a pH range of 2 to 13. US 105NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	<a href="#">ASTM D-5261</a>	4 oz/y <sup>2</sup>	135.6 g/m <sup>2</sup>
Thickness <sup>(1)</sup>	<a href="#">ASTM D-5199</a>	70 mils	1.778 mm
Grab Tensile Strength	<a href="#">ASTM D-4632</a>	105 lbs	467 N
Elongation @ Break	<a href="#">ASTM D-4632</a>	50 %	50 %
CBR Puncture	<a href="#">ASTM D-6241</a>	305 lbs	1,357 N
Trapezoidal Tear	<a href="#">ASTM D-4533</a>	45 lbs	200 N
Apparent Opening Size <sup>(1,2)</sup>	<a href="#">ASTM D-4751</a>	70 US Sieve	0.21 mm
Permittivity <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	2 Sec <sup>-1</sup>	2 Sec <sup>-1</sup>
Permeability <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	0.55 cm/sec	0.55 cm/sec
Water Flow Rate <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	160 g/min/f <sup>2</sup>	6,518 L/min/m <sup>2</sup>
UV Resistance @ 500 Hours	<a href="#">ASTM D-4355</a>	70 %	70 %

<sup>(1)</sup> At the time of manufacturing. Handling, storage, and shipping may change these properties.

<sup>(2)</sup> Maximum average roll value (MaxARV).

## US 105NWE Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 1,350'	31"	15'	620 lbs	2,250 y <sup>2</sup>	27

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