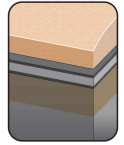




# US 200NWE

## Environmental Nonwoven Geotextile

GEOMEMBRANE  
CUSHION



US 200NWE is a 7 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 200NWE 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 200NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	<a href="#">ASTM D-5261</a>	7 oz/y <sup>2</sup>	237.3 g/m <sup>2</sup>
Thickness <sup>(1)</sup>	<a href="#">ASTM D-5199</a>	90 mils	2.286 mm
Grab Tensile Strength	<a href="#">ASTM D-4632</a>	200 lbs	889 N
Elongation @ Break	<a href="#">ASTM D-4632</a>	50 %	50 %
CBR Puncture	<a href="#">ASTM D-6241</a>	540 lbs	2,403 N
Trapezoidal Tear	<a href="#">ASTM D-4533</a>	75 lbs	334 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>	1.41 Sec <sup>-1</sup>	1.41 Sec <sup>-1</sup>
Permeability <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	0.46 cm/sec	0.46 cm/sec
Water Flow Rate <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	110 g/min/f <sup>2</sup>	4,480 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 200NWE Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 780'	31"	15'	1,050 lbs	1,300 y <sup>2</sup>	27
15' x 300'	19"	15'	620 lbs	500 y <sup>2</sup>	75

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