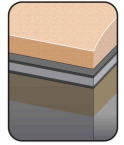




# US 225NWE

## Environmental Nonwoven Geotextile

GEOMEMBRANE  
CUSHION



US 225NWE is an 8 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 225NWE 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 225NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	<a href="#">ASTM D-5261</a>	8 oz/y <sup>2</sup>	271.2 g/m <sup>2</sup>
Thickness <sup>(1)</sup>	<a href="#">ASTM D-5199</a>	100 mils	2.54 mm
Grab Tensile Strength	<a href="#">ASTM D-4632</a>	225 lbs	1,001 N
Elongation @ Break	<a href="#">ASTM D-4632</a>	50 %	50 %
CBR Puncture	<a href="#">ASTM D-6241</a>	600 lbs	2,670 N
Trapezoidal Tear	<a href="#">ASTM D-4533</a>	90 lbs	401 N
Apparent Opening Size <sup>(1,2)</sup>	<a href="#">ASTM D-4751</a>	80 US Sieve	0.177 mm
Permittivity <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	1.26 Sec <sup>-1</sup>	1.26 Sec <sup>-1</sup>
Permeability <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	0.3 cm/sec	0.3 cm/sec
Water Flow Rate <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	100 g/min/f <sup>2</sup>	4,074 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 225NWE Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 690'	33"	15'	640 lbs	1,150 y <sup>2</sup>	27
15' x 300'	19"	15'	279 lbs	500 y <sup>2</sup>	25

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