



US 330NWE

Environmental Nonwoven Geotextile

GEOMEMBRANE
CUSHION



NTPEP APPROVED - GTX-2019-01-208. US 330NWE is a 12 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 330NWE 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 330NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	ASTM D-5261	12 oz/y ²	406.8 g/m ²
Thickness ⁽¹⁾	ASTM D-5199	120 mils	3.048 mm
Grab Tensile Strength	ASTM D-4632	330 lbs	1,470 N
Elongation @ Break	ASTM D-4632	50 %	50 %
CBR Puncture	ASTM D-6241	900 lbs	4,005 N
Apparent Opening Size ^(1,2)	ASTM D-4751	100 US Sieve	0.149 mm
Permittivity ⁽¹⁾	ASTM D-4491	0.9 Sec ⁻¹	0.9 Sec ⁻¹
Permeability ⁽¹⁾	ASTM D-4491	0.3 cm/sec	0.3 cm/sec
Water Flow Rate ⁽¹⁾	ASTM D-4491	70 g/min/f ²	2,852 L/min/m ²
UV Resistance @ 500 Hours	ASTM D-4355	70 %	70 %

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

⁽²⁾ Maximum average roll value (MaxARV).

US 330NWE Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 480'	31"	15'	620 lbs	800 y ²	27
15' x 300'	24"	15'	395 lbs	500 y ²	80

US Fabrics, Inc. | 3904 Virginia Avenue | Cincinnati, OH 45227
Phone: (800) 518-2290 | Fax: (513) 271-4420 | email: info@usfabrics.com

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