



US 390NWE

Environmental Nonwoven Geotextile

GEOMEMBRANE
CUSHION



US 390NWE is a 14 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 390NWE 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 390NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	ASTM D-5261	14 oz/y ²	474.6 g/m ²
Thickness ⁽¹⁾	ASTM D-5199	135 mils	3.429 mm
Grab Tensile Strength	ASTM D-4632	390 lbs	1,730 N
Elongation @ Break	ASTM D-4632	50 %	50 %
CBR Puncture	ASTM D-6241	1,045 lbs	4,650 N
Trapezoidal Tear	ASTM D-4533	135 lbs	601 N
Apparent Opening Size ^(1,2)	ASTM D-4751	100 US Sieve	0.149 mm
Permittivity ⁽¹⁾	ASTM D-4491	0.64 Sec ⁻¹	0.64 Sec ⁻¹
Permeability ⁽¹⁾	ASTM D-4491	0.25 cm/sec	0.25 cm/sec
Water Flow Rate ⁽¹⁾	ASTM D-4491	50 g/min/f ²	2,035 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 390NWE Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 390'	31"	15'	620 lbs	650 y ²	27

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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