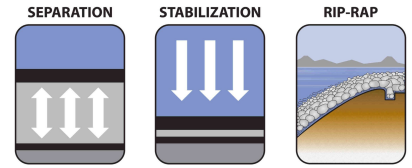




# US 380NW

## Nonwoven Geotextile



NTPEP APPROVED - GTX-2019-01-302. US 380NW is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 380NW resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 380NW meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight <input type="checkbox"/> Typical	<a href="#">ASTM D-5261</a>	16 oz/y <sup>2</sup>	542.4 g/m <sup>2</sup>
Grab Tensile Strength	<a href="#">ASTM D-4632</a>	380 lbs	1,691 N
Elongation @ Break	<a href="#">ASTM D-4632</a>	50 %	50 %
Mullen Burst <sup>(3)</sup>	<a href="#">ASTM D-3786</a>	750 psi	5,171 kPa
Pin Puncture <sup>(3)</sup>	<a href="#">ASTM D-4833</a>	240 lbs	1,070 N
CBR Puncture	<a href="#">ASTM D-6241</a>	1,080 lbs	4,806 N
Trapezoidal Tear	<a href="#">ASTM D-4533</a>	145 lbs	645 N
Apparent Opening Size <sup>(1,2)</sup>	<a href="#">ASTM D-4751</a>	100 US Sieve	0.149 mm
Permittivity <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	0.7 Sec <sup>-1</sup>	0.7 Sec <sup>-1</sup>
Water Flow Rate <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	50 g/min/f <sup>2</sup>	2,035 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).

<sup>(3)</sup> Historical reference values. These properties are no longer recognized by ASTM or AASHTO for geosynthetics.

## US 380NW Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 150'	16"	15'	270 lbs	250 y <sup>2</sup>	110
15' x 300'	32"	15'	540 lbs	500 y <sup>2</sup>	48

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