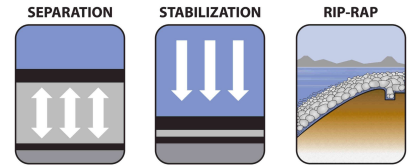




# US 300NW

## Nonwoven Geotextile



NTPEP APPROVED - GTX-2019-01-301. US 300NW is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 300NW resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 300NW 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>	12 oz/y <sup>2</sup>	406.8 g/m <sup>2</sup>
Grab Tensile Strength	<a href="#">ASTM D-4632</a>	300 lbs	1,335 N
Elongation @ Break	<a href="#">ASTM D-4632</a>	50 %	50 %
Mullen Burst <sup>(3)</sup>	<a href="#">ASTM D-3786</a>	580 psi	3,999 kPa
Pin Puncture <sup>(3)</sup>	<a href="#">ASTM D-4833</a>	180 lbs	801 N
CBR Puncture	<a href="#">ASTM D-6241</a>	850 lbs	3,783 N
Trapezoidal Tear	<a href="#">ASTM D-4533</a>	115 lbs	512 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>	1 Sec <sup>-1</sup>	1 Sec <sup>-1</sup>
Water Flow Rate <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	75 g/min/f <sup>2</sup>	3,056 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 Historical reference values.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 300NW Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 360'	20"	12.5'	395 lbs	500 y <sup>2</sup>	96
15' x 300'	18"	15'	395 lbs	500 y <sup>2</sup>	75

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