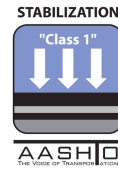
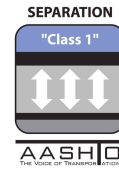




# US 315

## Woven Geotextile



NTPEP APPROVED - GTX-2019-01-290. A woven geotextile fabric made of 100% polypropylene slit film yarns. US 315 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 315 will satisfy the requirements as outlined in AASHTO M-288-06 for Class 1 Stabilization & Separation applications and 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>	6 oz/y <sup>2</sup>	203.4 g/m <sup>2</sup>
Grab Tensile Strength	<a href="#">ASTM D-4632</a>	315 lbs	1,402 N
Elongation @ Break	<a href="#">ASTM D-4632</a>	15 %	15 %
Mullen Burst <sup>(3)</sup>	<a href="#">ASTM D-3786</a>	600 psi	4,136 kPa
Pin Puncture <sup>(3)</sup>	<a href="#">ASTM D-4833</a>	120 lbs	534 N
CBR Puncture	<a href="#">ASTM D-6241</a>	900 lbs	4,005 N
Trapezoidal Tear	<a href="#">ASTM D-4533</a>	120 lbs	534 N
Apparent Opening Size <sup>(1,2)</sup>	<a href="#">ASTM D-4751</a>	40 US Sieve	0.425 mm
Permittivity <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	0.05 Sec <sup>-1</sup>	0.05 Sec <sup>-1</sup>
Water Flow Rate <sup>(1)</sup>	<a href="#">ASTM D-4491</a>	4 g/min/f <sup>2</sup>	163 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 Historical reference values.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 315 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 360'	12"	12.5'	230 lbs	500 y <sup>2</sup>	200
15' x 300'	12"	15'	230 lbs	500 y <sup>2</sup>	200
17.5' x 258'	12"	17.5'	230 lbs	500 y <sup>2</sup>	190

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