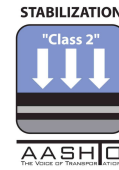
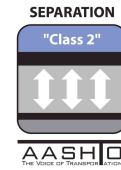




US 250

Woven Geotextile



NTPEP APPROVED - GTX-2019-01-288. A woven geotextile made of 100% polypropylene slit film yarns. US 250 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 250 will satisfy the requirements as outlined in AASHTO M-288-06 for Class 2 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	ASTM D-5261	5 oz/y ²	169.5 g/m ²
Grab Tensile Strength	ASTM D-4632	250 lbs	1,113 N
Elongation @ Break	ASTM D-4632	15 %	15 %
Mullen Burst ⁽³⁾	ASTM D-3786	450 psi	3,102 kPa
Pin Puncture ⁽³⁾	ASTM D-4833	100 lbs	445 N
CBR Puncture	ASTM D-6241	900 lbs	4,005 N
Trapezoidal Tear	ASTM D-4533	90 lbs	401 N
Apparent Opening Size ^(1,2)	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity ⁽¹⁾	ASTM D-4491	0.05 Sec ⁻¹	0.05 Sec ⁻¹
Water Flow Rate ⁽¹⁾	ASTM D-4491	4 g/min/f ²	163 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).

⁽³⁾ Historical reference values.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

US 250 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 360'	12"	12.5'	180 lbs	500 y ²	180
15' x 360'	12"	15'	215 lbs	600 y ²	180
17.5' x 309'	12"	17.5'	215 lbs	600 y ²	160

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