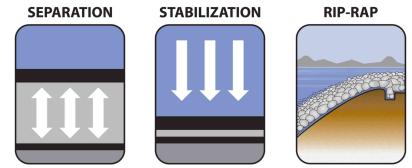




US 250NW

Nonwoven Geotextile



NTPEP APPROVED - GTX-2019-01-300. US 250NW is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 250NW resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 250NW meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight <input type="checkbox"/> Typical	ASTM D-5261	10 oz/y ²	339 g/m ²
Grab Tensile Strength	ASTM D-4632	250 lbs	1,113 N
Elongation @ Break	ASTM D-4632	50 %	50 %
Mullen Burst ⁽³⁾	ASTM D-3786	500 psi	3,447 kPa
Pin Puncture ⁽³⁾	ASTM D-4833	155 lbs	690 N
CBR Puncture	ASTM D-6241	700 lbs	3,115 N
Trapezoidal Tear	ASTM D-4533	100 lbs	445 N
Apparent Opening Size ^(1,2)	ASTM D-4751	100 US Sieve	0.149 mm
Permittivity ⁽¹⁾	ASTM D-4491	1.2 Sec ⁻¹	1.2 Sec ⁻¹
Water Flow Rate ⁽¹⁾	ASTM D-4491	80 gal/min/f ²	3,260 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⁽³⁾ Historical reference values.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 250NW Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 360'	21"	12.5'	340 lbs	500 y ²	100
15' x 300'	21"	15'	340 lbs	500 y ²	90

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