



US 135NW

Nonwoven Geotextile



US 135NW is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. Primarily used in drainage applications, this product prevents soil fines from entering the system extending drain life and performance and can also be used in lightweight separation applications. US 135NW meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight Typical	<u>ASTM D-5261</u>	5 oz/y ²	169.5 g/m ²
Grab Tensile Strength	<u>ASTM D-5261</u>	135 lbs	601 N
Elongation @ Break	<u>ASTM D-4632</u>	50 %	50 %
Mullen Burst ⁽³⁾	<u>ASTM D-3786</u>	250 psi	1,724 kPa
Pin Puncture ⁽³⁾	<u>ASTM D-4833</u>	75 lbs	334 N
CBR Puncture	<u>ASTM D-6241</u>	350 lbs	1,558 N
Trapezoidal Tear	<u>ASTM D-4533</u>	55 lbs	245 N
Apparent Opening Size ^(1,2)	<u>ASTM D-4751</u>	70 US Sieve	0.21 mm
Permittivity ^(1,2)	<u>ASTM D-4491</u>	1.6 Sec ⁻¹	1.6 Sec ⁻¹
Water Flow Rate ⁽¹⁾	<u>ASTM D-4491</u>	115 g/min/f ²	4,685 L/min/m ²
UV Resistance @ 500 Hours	<u>ASTM D-4355</u>	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⁽³⁾ Historical reference values.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 135NW Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 360'	15"	12.5'	215 lbs	500 y ²	175
15' x 300'	15"	15'	215 lbs	500 y ²	156

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