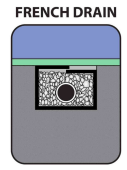
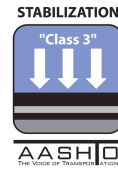




US 120NW

Nonwoven Geotextile



NTPEP APPROVED - GTX-2019-01-295. US 120NW is a nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 120NW resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 120NW will satisfy the requirements as outlined in AASHTO M-288-06 for Class 3 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	4.5 oz/y ²	152.55 g/m ²
Grab Tensile Strength	ASTM D-4632	120 lbs	534 N
Elongation @ Break	ASTM D-4632	50 %	50 %
Mullen Burst ⁽³⁾	ASTM D-3786	225 psi	1,551 kPa
Pin Puncture ⁽³⁾	ASTM D-4833	65 lbs	289 N
CBR Puncture	ASTM D-6241	340 lbs	1,513 N
Trapezoidal Tear	ASTM D-4533	50 lbs	223 N
Apparent Opening Size ^(1,2)	ASTM D-4751	70 US Sieve	0.21 mm
Permittivity ⁽¹⁾	ASTM D-4491	1.7 Sec ⁻¹	1.7 Sec ⁻¹
Water Flow Rate ⁽¹⁾	ASTM D-4491	135 g/min/f ²	5,500 l/m/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⁽³⁾ Historical reference values.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 120NW Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 360'	14"	12.5'	172 lbs	500 y ²	260
15' x 360'	14"	15'	200 lbs	600 y ²	198

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