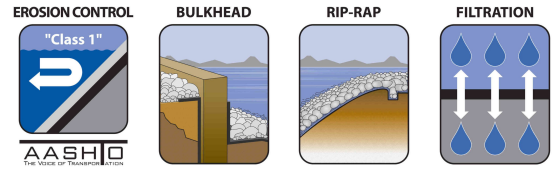


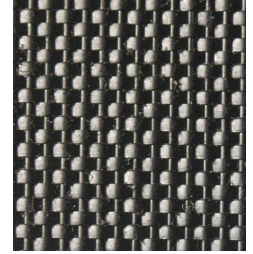


US 230

Woven Filtration



NTPEP APPROVED - GTX-2019-01-284. US 230 is a woven monofilament filtration geotextile made of 100% high-tenacity polypropylene yarns. US 230 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 230 will satisfy the requirements as outlined in AASHTO M-288-06 for Permanent Erosion Control & Subsurface Drainage (<15% fines) and meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	<u>ASTM D-4632</u>	400 x 315 lbs	1,780 x 1,402 N
Elongation @ Break	<u>ASTM D-4632</u>	15 %	15 %
Wide Width Tensile Strength	<u>ASTM D-4595</u>	3,000 x 2,760 lbs/ft	43.78 x 48.28 kN/m
CBR Puncture	<u>ASTM D-6241</u>	1,150 lbs	5,118 N
Trapezoidal Tear	<u>ASTM D-4533</u>	150 x 165 lbs	668 x 734 N
Apparent Opening Size ^(1,2)	<u>ASTM D-4751</u>	40 US Sieve	0.425 mm
Permittivity ⁽¹⁾	<u>ASTM D-4491</u>	0.9 Sec ⁻¹	0.9 Sec ⁻¹
Permeability ⁽¹⁾	<u>ASTM D-4491</u>	0.07 cm/sec	0.07 cm/sec
Water Flow Rate ⁽¹⁾	<u>ASTM D-4491</u>	70 g/min/f ²	2,852 L/min/m ²
Percent Open Area	CW-02215	1 %	1 %
UV Resistance @ 500 Hours	<u>ASTM D-4355</u>	90 %	90 %

⁽¹⁾ At the time of manufacturing. Handling, storage, and shipping may change these properties.

⁽²⁾ Maximum average roll value (MaxARV).

US 230 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 300'	13"	15'	320 lbs	500 y ²	135

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