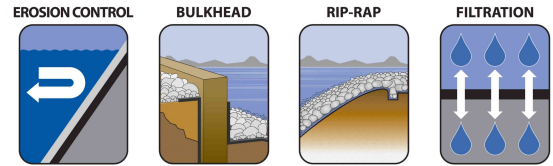


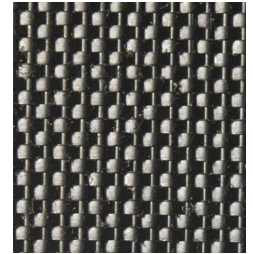


US 840

Woven Filtration



US 840 is a woven high-tenacity monofilament filtration geotextile made of 100% polypropylene yarns. US 840 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. This product's Percent Open Area of 6% gives it excellent hydraulic properties and high flow rates, while reducing the chances of clogging. US 840 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	<u>ASTM D-4632</u>	425 x 350 lbs	1,891 x 1,558 N
Elongation @ Break	<u>ASTM D-4632</u>	15 %	15 %
Wide Width Tensile Strength	<u>ASTM D-4595</u>	3,240 x 2,700 lbs/ft	47.28 x 39.4 kN/m
CBR Puncture	<u>ASTM D-6241</u>	1,340 lbs	5,963 N
Trapezoidal Tear	<u>ASTM D-4533</u>	145 x 125 lbs	645 x 556 N
Apparent Opening Size ^(1,2)	<u>ASTM D-4751</u>	40 US Sieve	0.425 mm
Permittivity ⁽¹⁾	<u>ASTM D-4491</u>	0.96 Sec ⁻¹	0.96 Sec ⁻¹
Permeability ⁽¹⁾	<u>ASTM D-4491</u>	0.046 cm/sec	0.046 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	6 %	6 %
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 840 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 300'	10"	12.5'	245 lbs	417 y ²	150

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