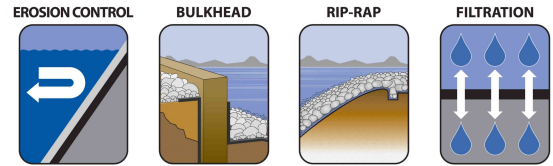


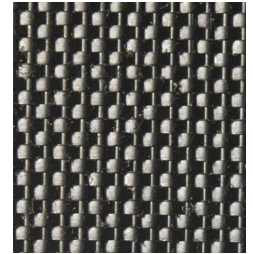


# US 640

## Woven Filtration



US 640 is a woven monofilament filtration geotextile made of 100% high-tenacity polypropylene yarns. US 640 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 640 has a Percent Open Area of 6% and resists clogging. US 640 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	<u>ASTM D-4632</u>	350 x 200 lbs	1,558 x 890 N
Elongation @ Break	<u>ASTM D-4632</u>	15 %	15 %
CBR Puncture	<u>ASTM D-6241</u>	800 lbs	3,560 N
Trapezoidal Tear	<u>ASTM D-4533</u>	100 x 70 lbs	445 x 312 N
Apparent Opening Size <sup>(1,2)</sup>	<u>ASTM D-4751</u>	40 US Sieve	0.425 mm
Permittivity <sup>(1)</sup>	<u>ASTM D-4491</u>	0.5 Sec <sup>-1</sup>	0.5 Sec <sup>-1</sup>
Water Flow Rate <sup>(1)</sup>	<u>ASTM D-4491</u>	60 g/min/f <sup>2</sup>	2,460 L/min/m <sup>2</sup>
Percent Open Area	CW-02215	6 %	6 %
UV Resistance @ 500 Hours	<u>ASTM D-4355</u>	90 %	90 %

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

<sup>(2)</sup> Maximum average roll value (MaxARV).

<sup>(3)</sup> Historical reference values. These properties are no longer recognized by ASTM or AASHTO for geosynthetics.

## US 640 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
6' x 300'	9"	6'	89 lbs	200 y <sup>2</sup>	488
12' x 300'	9"	12'	175 lbs	400 y <sup>2</sup>	250

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