



US 1540

Woven Filtration

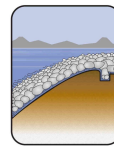
EROSION CONTROL



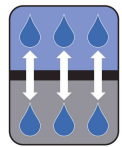
BULKHEAD



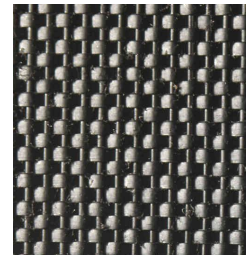
RIP-RAP



FILTRATION



NTPEP APPROVED - GTX-2019-01-286. US 1540 is a woven monofilament filtration geotextile made of 100% high-tenacity polypropylene yarns. This product's Percent Open Area of 10% gives it excellent hydraulic properties, while reducing the chances of clogging. US 1540 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 1540 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	ASTM D-4632	365 x 200 lbs	1,624 x 890 N
Elongation @ Break	ASTM D-4632	24 x 10 %	24 x 10 %
Wide Width Tensile Strength	ASTM D-4595	2,400 x 1,680 lbs/ft	35.03 x 24.52 kN/m
CBR Puncture	ASTM D-6241	675 lbs	3,004 N
Trapezoidal Tear	ASTM D-4533	115 x 75 lbs	512 x 334 N
Apparent Opening Size ^(1,2)	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity ⁽¹⁾	ASTM D-4491	2.1 Sec ⁻¹	2.1 Sec ⁻¹
Permeability ⁽¹⁾	ASTM D-4491	0.14 cm/sec	0.14 cm/sec
Water Flow Rate ⁽¹⁾	ASTM D-4491	145 g/min/f ²	5,908 L/min/m ²
Percent Open Area	CW-02215	10 %	10 %
UV Resistance @ 500 Hours	ASTM D-4355	90 %	90 %

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

⁽²⁾ Maximum average roll value (MaxARV).

US 1540 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12' x 300'	12"	12'	175 lbs	400 y ²	244
12.5' x 300'	16"	12.5'	200 lbs	417 y ²	200

US Fabrics, Inc. | 3904 Virginia Avenue | Cincinnati, OH 45227

Phone: (800) 518-2290 | Fax: (513) 271-4420 | email: info@usfabrics.com

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