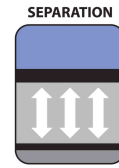




# US 2700

## Woven Geotextile



US 2700 is a woven geotextile made of 100% high-tenacity polypropylene yarns. This product has high tensile strength and modulus and is used for reinforcement over soft soils. US 2700 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 2700 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 350 lbs	1,558 x 1,558 N
Elongation @ Break	<u>ASTM D-4632</u>	12 x 8 %	12 x 8 %
CBR Puncture	<u>ASTM D-6241</u>	1,000 lbs	4,450 N
Trapezoidal Tear	<u>ASTM D-4533</u>	100 lbs	445 N
Apparent Opening Size <sup>(1,2)</sup>	<u>ASTM D-4751</u>	30 US Sieve	0.595 mm
Permittivity <sup>(1)</sup>	<u>ASTM D-4491</u>	0.05 Sec <sup>-1</sup>	0.05 Sec <sup>-1</sup>
UV Resistance @ 500 Hours	<u>ASTM D-4355</u>	80 %	80 %

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

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

## US 2700 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 300'	13"	15'	235 lbs	500 y <sup>2</sup>	186

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

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

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