

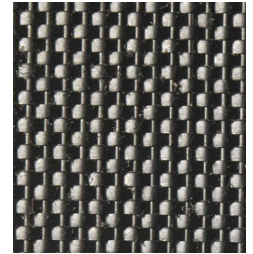


# US 2500

## Woven Geotextile



US 2500 is a woven geotextile made of 100% high-tenacity polypropylene yarns. US 2500 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 2500 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	<u>ASTM D-4632</u>	300 x 250 lbs	1,335 x 1,112.5 N
Elongation @ Break	<u>ASTM D-4632</u>	15 x 12 %	15 x 12 %
Wide Width Tensile Strength	<u>ASTM D-4595</u>	2,850 x 2,500 lbs/ft	41.59 x 36.48 kN/m
Wide Width Tensile Strength @ 2 % Strain	<u>ASTM D-4595</u>	675 x 700 lbs/ft	9.85 x 10.22 kN/m
Wide Width Tensile Strength @ 5 % Strain	<u>ASTM D-4595</u>	1,500 x 1,440 lbs/ft	21.89 x 21.02 kN/m
Wide Width Tensile Strength @ 10 % Strain	<u>ASTM D-4595</u>	2,700 x 2,450 lbs/ft	39.4 x 35.76 kN/m
CBR Puncture	<u>ASTM D-6241</u>	1,150 lbs	5,118 N
Trapezoidal Tear	<u>ASTM D-4533</u>	130 x 100 lbs	579 x 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>	0.7 Sec <sup>-1</sup>	0.7 Sec <sup>-1</sup>
Permeability <sup>(1)</sup>	<u>ASTM D-4491</u>	0.04 cm/sec	0.04 cm/sec
Water Flow Rate <sup>(1)</sup>	<u>ASTM D-4491</u>	50 g/min/f <sup>2</sup>	2,035 L/min/m <sup>2</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 2500 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 300'	11"	15'	240 lbs	500 y <sup>2</sup>	175

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