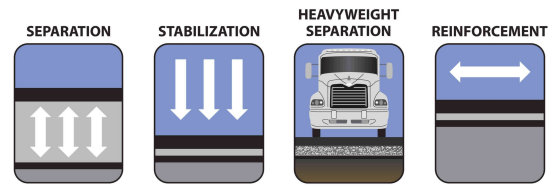




# US 4800/30

## Woven Geotextile



NTPEP APPROVED - GTX-2019-01-283. US 4800/30 is a woven geotextile made of 100% high-tenacity polypropylene yarns. It is a "combination" product made of monofilament yarns in the machine direction and fibrillated yarns in the cross direction. US 4800/30 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 4800/30 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	<u>ASTM D-4632</u>	500 x 500 lbs	2,225 x 2,225 N
Elongation @ Break	<u>ASTM D-4632</u>	15 %	15 %
Wide Width Tensile Strength	<u>ASTM D-4595</u>	4,800 x 4,800 lbs/ft	70.05 x 70.05 kN/m
Wide Width Tensile Strength @ 2 % Strain	<u>ASTM D-4595</u>	960 x 1,500 lbs/ft	14.01 x 21.89 kN/m
Wide Width Tensile Strength @ 5 % Strain	<u>ASTM D-4595</u>	2,400 x 3,000 lbs/ft	35.03 x 43.78 kN/m
Wide Width Tensile Strength @ 10 % Strain	<u>ASTM D-4595</u>	4,800 lbs/ft (MD)	70.05 kN/m (MD)
CBR Puncture	<u>ASTM D-6241</u>	2,000 lbs	8,900 N
Trapezoidal Tear	<u>ASTM D-4533</u>	180 lbs	801 N
Apparent Opening Size <sup>(1,2)</sup>	<u>ASTM D-4751</u>	30 - 40 US Sieve	0.4 - 0.595 mm
Permittivity <sup>(1)</sup>	<u>ASTM D-4491</u>	0.4 Sec <sup>-1</sup>	0.4 Sec <sup>-1</sup>
Permeability <sup>(1)</sup>	<u>ASTM D-4491</u>	0.05 cm/sec	0.05 cm/sec
Water Flow Rate <sup>(1)</sup>	<u>ASTM D-4491</u>	30 g/min/f <sup>2</sup>	1,222 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 4800/30 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 300'	15"	15'	475 lbs	500 y <sup>2</sup>	90

**US Fabrics, Inc. | 3904 Virginia Avenue | Cincinnati, OH 45227**  
**Phone: (800) 518-2290 | Fax: (513) 217-4420 | email: [info@usfabrics.com](mailto:info@usfabrics.com)**

This information is provided for reference only and is not intended as a warranty or guarantee.  
 US Fabrics assumes no liability in connection with the use of this information.