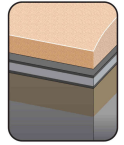




# US 450NWE

## Environmental Nonwoven Geotextile

GEOMEMBRANE  
CUSHION



US 450NWE is a 20 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 450NWE is resistant to ultraviolet deterioration, rotting, biological degradation, naturally encountered bases and acids. Polypropylene is stable within a pH range of 2 to 13. US 450NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	<u>ASTM D-5261</u>	20 oz/y <sup>2</sup>	678 g/m <sup>2</sup>
Grab Tensile Strength	<u>ASTM D-4632</u>	450 lbs	2,003 N
Elongation @ Break	<u>ASTM D-4632</u>	50 %	50 %
CBR Puncture	<u>ASTM D-6241</u>	1,437 lbs	6,395 N
Trapezoidal Tear	<u>ASTM D-4533</u>	125 lbs	556 N
UV Resistance @ 500 Hours	<u>ASTM D-4355</u>	70 %	70 %

## US 450NWE Shipping & Packaging Information

SIZE	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15 x 300	15'	675 lbs	500 y <sup>2</sup>	27

**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)**

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.