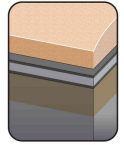




US 425NWE

Environmental Nonwoven Geotextile

GEOMEMBRANE
CUSHION



US 425NWE is a 16 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. US 425NWE 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 425NWE meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	ASTM D-5261	16 oz/y ²	542.4 g/m ²
Thickness ⁽¹⁾	ASTM D-5199	175 mils	4.445 mm
Grab Tensile Strength	ASTM D-4632	425 lbs	1,891 N
Elongation @ Break	ASTM D-4632	50 %	50 %
CBR Puncture	ASTM D-6241	1,200 lbs	5,340 N
Trapezoidal Tear	ASTM D-4533	150 lbs	668 N
Apparent Opening Size ^(1,2)	ASTM D-4751	100 US Sieve	0.149 mm
Permittivity ⁽¹⁾	ASTM D-4491	0.57 Sec ⁻¹	0.57 Sec ⁻¹
Permeability ⁽¹⁾	ASTM D-4491	0.25 cm/sec	0.25 cm/sec
Water Flow Rate ⁽¹⁾	ASTM D-4491	45 g/min/f ²	1,833 L/min/m ²
UV Resistance @ 500 Hours	ASTM D-4355	70 %	70 %

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

⁽²⁾ Maximum average roll value (MaxARV).

US 425NWE Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15' x 360'	31"	15'	620 lbs	600 y ²	27

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