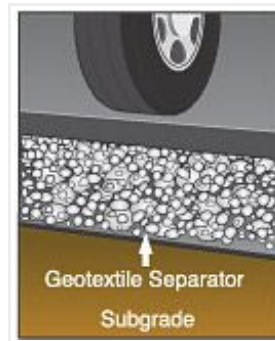
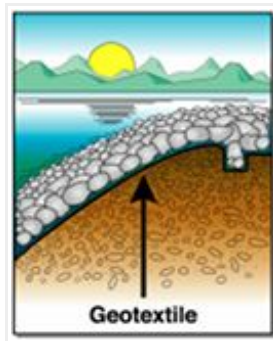


GEO 425NW



Nonwoven Geotextile

GEO 16.0-425NW is a 16 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filament. GEO 16.0-425NW is resistant to ultraviolet deterioration, rotting, biological degradation, naturally encountered bases and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 16.0-425NW meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	ASTM D-5261	16 oz/sy	542 g/sm
Tensile Strength	ASTM D-4632	425 lbs	1,890 N
Elongation @ Break	ASTM D-4632	50%	50%
Thickness	ASTM D-5199	175 mils (at time of manufacture)	4.45 mm (at time of manufacture)
CBR Puncture	ASTM D-6241	1,200 lbs	5,340 N
Trapezoidal Tear	ASTM D-4533	150 lbs	667 N
Apparent Opening Size	ASTM D-4751	100 US Sieve	0.150 mm
Permittivity	ASTM D-4491	0.57 Sec-1	0.57 Sec-1
Permeability	ASTM D-4491	0.25 cm/sec	0.25 cm/sec
Water Flow Rate	ASTM D-4491	45 g/min/sf	1,833 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

ROLL SIZE	AREA	WEIGHT
15' x 360'	600 sqs	620 lbs

This information is provided for reference only and is not intended as a warranty or guarantee. GeoCHEM, Inc. assumes no liability in connection with the use of this information (1/2013).

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