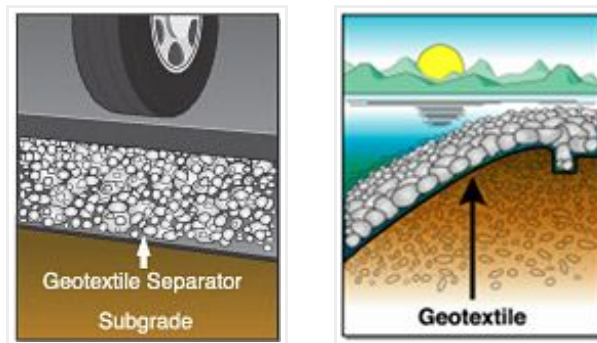


GEO 4.0-105NW



Nonwoven Geotextile

GEO 4.0-105 is a 4 OZ MARV WEIGHT nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. GEO 4.0-105NW 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 105 NW meets the following M.A.R.V. values:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight	ASTM D-5261	4 oz/sy	135 g/sm
Tensile Strength	ASTM D-4632	105 lbs	467 N
Elongation @ Break	ASTM D-4632	50%	50%
Thickness	ASTM D-5199	70 mils (at time of manufacture)	1.77 mm (at time of manufacture)
CBR Puncture	ASTM D-6241	305 lbs	1,360 N
Trapezoidal Tear	ASTM D-4533	45 lbs	20 N
Apparent Opening Size	ASTM D-4751	80 US Sieve	0.180 mm
Permittivity	ASTM D-4491	2.00 Sec-1	2.00 Sec-1
Permeability	ASTM D-4491	0.3 cm/sec	0.3 cm/sec
Water Flow Rate	ASTM D-4491	160 g/min/sf	6,518 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sqs	140 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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