

# GEO 9.1-4000W

## Woven Geotextile



GEO 9.1-4000W is a woven geotextile made of 100% high-tenacity polypropylene yarns. GEO 9.1-4000W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 9.1-4000W meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	9.1 oz/sy	309 g/sm
Tensile Strength	ASTM D-4632	400 x 400 lbs	1,779 x 1,779 N
Elongation @ Break	ASTM D-4632	20 x 15%	20 x 15%
Wide Width Tensile	ASTM D-4595	3,749 x 4,030 lbs/ft	55 x 59 kN/m
Wide Width Elongation	ASTM D-4595	9.4 x 6.6%	9.4 x 6.6%
CBR Puncture	ASTM D-6241	1,200 lbs	5,338 N
Trapezoidal Tear	ASTM D-4533	150 x 150 lbs	667 x 667 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity	ASTM D-4491	0.16 sec-1	0.16 sec-1
Water Flow Rate	ASTM D-4491	12 g/min/sf	489 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	80%	80%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sqy	304 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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