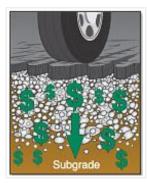
GEO 14.0-4800/30W





GEO 14.0-4800/30W is a woven geotextile made of 100% high-tenacity polypropylene yarns. GEO 14.0-4800/30W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 14.0-4800/30W meets the following M.A.R.V. values except where noted:





PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	14.0 oz/sy	475 g/sm
Tensile Strength	ASTM D-4632	475 x 440 lbs	2,114 x 1,958 N
Elongation @ Break	ASTM D-4632	12 x 6%	12 x 6%
Wide Width Tensile	ASTM D-4595	4,800 x 4,800 lbs/ft (400 x 400 lbs/in)	70 x 70 kN/m
Wide Width Tensile @ 2% Strain	ASTM D-4595	960 x 1,320 lbs/ft	14 x 19.3 kN/m
Wide Width Tensile @ 5% Strain	ASTM D-4595	2,400 x 2,700 lbs/ft	35 x 39.4 kN/m
Wide Width Tensile @ 10% Strain	ASTM D-4595	4,800 x 4,800 lbs/ft	70 x 70 kN/m
CBR Puncture	ASTM D-6241	2,000 lbs	8,896 N
Trapezoidal Tear	ASTM D-4533	180 x 180 lbs	801 x 801 N
Apparent Opening Size	ASTM D-4751	30 US Sieve	0.60 mm
Permittivity	ASTM D-4491	.40 Sec-1	.40 Sec-1
Permeability	ASTM D-4491	.05 cm/sec	.05 cm/sec
Water Flow Rate	ASTM D-4491	30 g/min/sf	1,222 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	80%	80%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sys	475 lbs

^{*} Historical averages (current values not available): Mullen Burst Strength ASTM D3786 is no longer recognized by ASTM D-35 on Geosynthetics as an acceptable test method. Puncture Strength ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.

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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