

GEO 3600/3600W

Woven Geotextile



GeoCHEM

INCORPORATED

GEO 3600/3600W is a woven geotextile made of 100% high-tenacity polypropylene yarns. GEO 3600/3600W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 3600/3600W meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength	ASTM D-4632	450 x 350 lbs	2,000 x 1,550 N
Elongation @ Break	ASTM D-4632	15 x 6%	15 x 6%
Wide Width Tensile	ASTM D-4595	3,600 x 3,600 lbs/ft (300 x 300 lbs/in)	52 x 52 kN/m
Wide Width Elongation	ASTM D-4595	15 x 10%	15 x 10%
Wide Width Tensile @ 5% Strain	ASTM D-4595	1,392 x 1,740 lbs/ft (116 x 145 lbs/in)	20.3 x 25.4 kN/m
Mullen Burst*	ASTM D-3786*	1,000 psi	6,890 kPa
Puncture Strength*	ASTM D-4833*	180 lbs	800 N
Trapezoidal Tear	ASTM D-4533	180 x 120 lbs	800 x 534 N
Apparent Opening Size	ASTM D-4751	30 US Sieve	0.60 mm
Permittivity	ASTM D-4491	0.52 Sec-1	.52 Sec-1
Water Flow Rate	ASTM D-4491	40 g/min/sf	1,630 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	80%	80%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sq yds	320 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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