

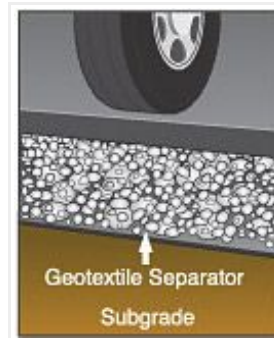
GEO 3600/3600W

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 sys	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.

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