

# GEO 5.6-1540W

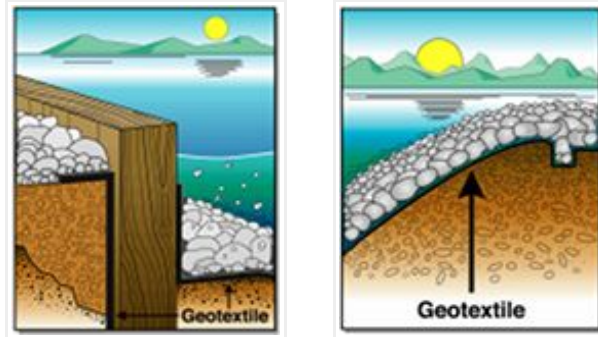
## Woven Filtration



# GeoCHEM

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GEO 5.6-1540W is a woven monofilament filtration geotextile made of 100% high-tenacity polypropylene yarns. This product's Percent Open Area of 15% gives it excellent hydraulic properties, while reducing the chances of clogging. GEO 5.6-1540W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 5.6-1540W meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	5.6 oz/sy	190 g/sm
Tensile Strength	ASTM D-4632	370 x 200 lbs	1,646 x 890 N
Elongation @ Break	ASTM D-4632	24 x 10%	24 x 10%
Mullen Burst*	ASTM D-3786*	450 psi	3,100 kPa
Puncture Strength*	ASTM D-4833*	90 lbs	401 N
CBR Puncture	ASTM D-6241	675 lbs	3,004 N
Trapezoidal Tear	ASTM D-4533	115 x 75 lbs	512 x 334 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity	ASTM D-4491	2.10 Sec-1	2.10 Sec-1
Water Flow Rate	ASTM D-4491	145 g/min/sf	5,908 l/min/sm
Percent Open Area	CW-02215	10%	10%
UV Resistance @ 500 Hours	ASTM D-4355	90%	90%

ROLL SIZE	AREA	WEIGHT
12' x 300'	400 sqy	175 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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