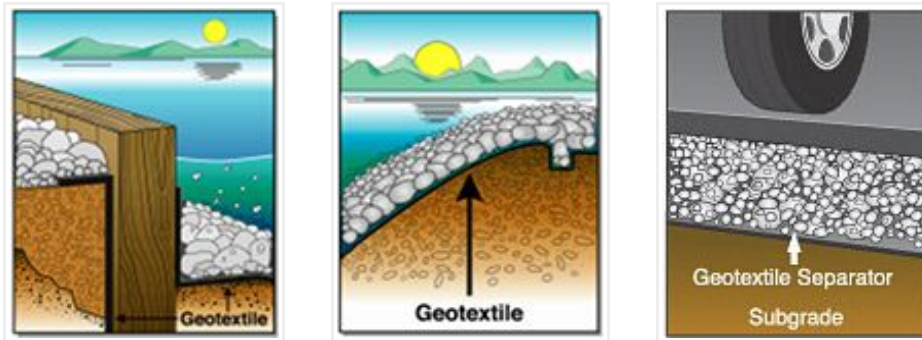


GEO 8.0-230W

Woven Filtration



GEO 8.0-230W is a woven monofilament filtration geotextile made of 100% high-tenacity polypropylene yarns. GEO 8.0-230W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 8.0-230W will satisfy the requirements as outlined in AASHTO M-288-06 for Permanent Erosion Control & Subsurface Drainage (<15% fines) and meets the following



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	8.0 oz/sy	271 g/sm
Tensile Strength	ASTM D-4632	400 x 315 lbs	1,780 x 1,402 N
Elongation @ Break	ASTM D-4632	15 x 15%	15 x 15%
Wide Width Tensile	ASTM D-4595	3,000 x 2,760 lbs/ft (250 x 230 lbs/in)	43.8 x 40.3 kN/m
Wide Width Elongation	ASTM D-4595	12 x 8%	12 x 8%
Puncture Strength*	ASTM D-4833*	150 lbs	668 N
CBR Puncture	ASTM D-6241	1,150 lbs	5,118 N
Trapezoidal Tear	ASTM D-4533	150 x 165 lbs	668 x 704 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity	ASTM D-4491	0.90 Sec-1	0.90 Sec-1
Water Flow Rate	ASTM D-4491	70 g/min/ft	2,852 l/min/sm
Percent Open Area	CW-02215	1%	1%
UV Resistance @ 500 Hours	ASTM D-4355	90%	90%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sqy	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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