

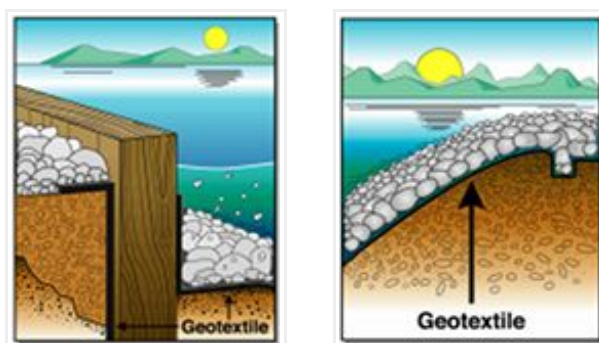
GEO 6.0-640W

Woven Filtration



GeoCHEM
INCORPORATED

GEO 6.0-640W is a woven monofilament filtration geotextile made of 100% high-tenacity polypropylene yarns. GEO 6.0-640W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 6.0-640W has a Percent Open Area of 6% and resists clogging. GEO 6.0-640W meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	6.0 oz/sy	203 g/sm
Tensile Strength	ASTM D-4632	370 x 250 lbs	1,647 x 1,113 N
Elongation @ Break	ASTM D-4632	15%	15%
Mullen Burst*	ASTM D-3786*	450 psi	3,100 kPa
Puncture Strength*	ASTM D-4833*	120 lbs	534 N
Trapezoidal Tear	ASTM D-4533	100 x 70 lbs	445 x 312 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	40 US Sieve
Permittivity	ASTM D-4491	0.5 Sec-1	0.5 Sec-1
Water Flow Rate	ASTM D-4491	60 g/min/sf	2,460 l/min/sm
Percent Open Area	CW-02215	6%	6%
UV Resistance @ 500 Hours	ASTM D-4491	90%	90%

ROLL SIZE	AREA	WEIGHT
6' x 300'	200 sqy	89 lbs
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.

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