

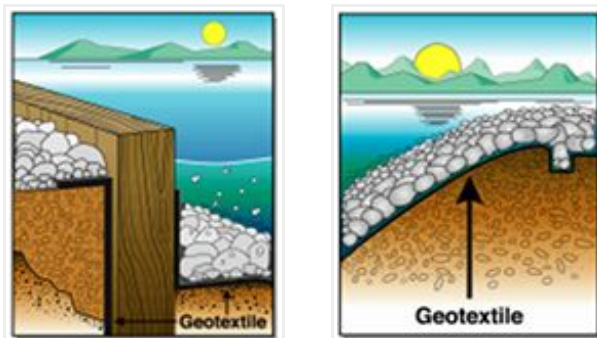
GEO 7.0-840W



GeoCHEM INCORPORATED

Woven Filtration

GEO 7.0-840W is a woven high tenacity monofilament filtration geotextile made of 100% polypropylene yarns. This product is specifically designed for drainage and filtration applications. This product's Percent Open Area of 8%, gives it excellent hydraulic properties and high flow rates, while reducing the chances of clogging. GEO 7.0-840W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 7.0-840W meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Weight - Typical	ASTM D-5261	7.0 oz/sy	237 g/sm
Tensile Strength	ASTM D-4632	425 x 350 lbs	1,891 x 1,588 N
Elongation @ Break	ASTM D-4632	20%	20%
Mullen Burst*	ASTM D-3786*	690 psi	4,757 kPa
Puncture Strength*	ASTM D-4833*	150 lbs	730 N
Trapezoidal Tear	ASTM D-4533	150 x 125 lbs	667 x 560 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity	ASTM D-4491	0.95 Sec-1	0.95 Sec-1
Water Flow Rate	ASTM D-4491	70 g/min/sf	2,852 l/min/sm
Percent Open Area	CW-02215	8%	8%
UV Resistance @ 500 Hours	ASTM D-4355	90%	90%

ROLL SIZE	AREA	WEIGHT
12.91' x 300'	431 sqy	248 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).