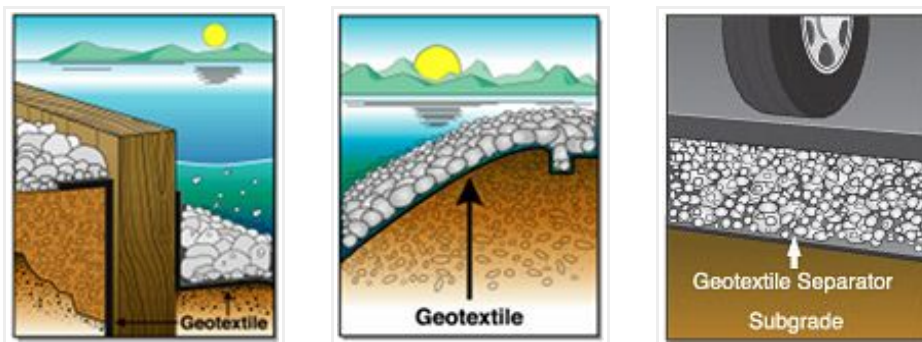


Woven Filtration



GEO 230CW is a woven filtration geotextile made of 100% high-tenacity polypropylene yarns. It is a "combination" product made of monofilament yarns in the machine direction and fibrillated yarns in the cross direction. GEO 230CW resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 230CW meets the following M.A.R.V. values



PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength	ASTM D-4632	315 X 315 lbs	1,400 x 1,400 N
Elongation @ Break	ASTM D-4632	15 x 15%	15 x 15%
Wide Width Tensile	ASTM D-4595	2,400 x 2,400 lbs/ft (200 x 200 lbs/in)	35 x 35 kN/m
Wide Width Elongation	ASTM D-4595	12 x 8%	12 x 8%
Wide Width Tensile @ 5% Strain	ASTM D-4595	774 x 1,404 lbs/ft	10.8 x 20.5 kN/m
Mullen Burst*	ASTM D-3786*	800 psi	5,510 kPa
Puncture Strength*	ASTM D-4833*	140 lbs	622 N
CBR Puncture	ASTM D-6241	1,400 lbs/ft	20 kN/m
Trapezoidal Tear	ASTM D-4533	125 x 125 lbs	556 x 556 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	.425 mm
Permittivity	ASTM D-4491	.70 Sec-1	.70 Sec-1
Water Flow Rate	ASTM D-4491	50 g/min/sf	2,035 l/min/sf
UV Resistance @ 500 Hours	ASTM D-4355	80%	80%

ROLL SIZE	AREA	WEIGHT
15' x 300'	500 sqy	265 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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