

GEO 315W



Woven Geotextile

A woven geotextile made of 100% polypropylene slit film yarns. GEO 315W resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GEO 315W will satisfy the requirements as outlined in AASHTO M-288-06 for Class 1 Stabilization & Separation applications and meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Tensile Strength	ASTM D-4632	315 lbs	1,402 N
Elongation @ Break	ASTM D-4632	15%	15%
Mullen Burst*	ASTM D-3786*	600 psi	4,136 kPa
Puncture Strength*	ASTM D-4833*	120 lbs	533 N
CBR Puncture	ASTM D-6241	1,000 lbs	4,450 N
Trapezoidal Tear	ASTM D-4533	120 lbs	533 N
Apparent Opening Size	ASTM D-4751	40 US Sieve	0.425 mm
Permittivity	ASTM D-4491	0.05 Sec-1	0.05 Sec-1
Water Flow Rate	ASTM D-4491	4 g/min/sf	163 l/min/sm
UV Resistance @ 500 Hours	ASTM D-4355	70%	70%

ROLL SIZE	AREA	WEIGHT
12.5' x 360'	500 sys	230 lbs
15' x 300'	500 sys	230 lbs
17.5' x 258'	500 sys	230 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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