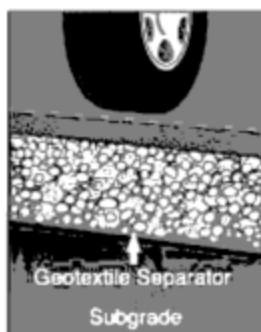


US 315

Woven Geotextile



A woven geotextile made of 100% polypropylene slit film yarns. US 315 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US 315 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	195 lbs
15' x 300'	500 sys	195 lbs
17.5' x 258'	500 sys	195 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. US Fabrics assumes no liability in connection with the use of this information (1/2013).