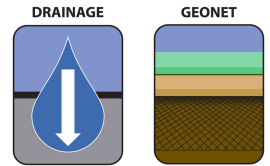




US 300/1/6GN Geocomposite



A 275 mil HDPE Geonet with a MARV 6oz nonwoven attached to one side.

PROPERTY	TEST METHOD	ENGLISH	METRIC
Thickness ⁽⁵⁾ Geonet	<u>ASTM D-1599</u>	275 mils	6.985 mm
Tensile Strength ⁽⁵⁾ Geonet	<u>ASTM D-7179</u>	65 lbs/in	11.37 N/mm
Transmissivity ^(3,5) Geonet	<u>ASTM D-4716</u>	29 g/min/ft	6.0 x 10 ⁻³ m ² /sec
Carbon Black ⁽⁵⁾ Geonet	<u>ASTM D-4218</u>	2 %	2 %
Density ⁽⁵⁾ Geonet	<u>ASTM D-1505</u>	0.94 g/cm ³	0.94 g/cm ³
Melt Flow ⁽²⁾ Geonet	<u>ASTM D-1238</u>	1 g/10 min (max)	1 g/10 min (max)
Transmissivity ^(3,5) Geocomposite	<u>ASTM D-4716</u>	9.67 g/min/ft	2.0 x 10 ⁻³ m ² /sec
Ply Adhesion ⁽⁵⁾ Geocomposite	<u>ASTM D-7005</u>	1 lbs/in	178 g/cm
Weight ⁽⁷⁾ Geotextile	<u>ASTM D-5261</u>	6 oz/y ²	203.4 g/m ²
Grab Tensile Strength Geotextile	<u>ASTM D-4632</u>	160 lbs	711 N
Elongation @ Break Geotextile	<u>ASTM D-4632</u>	50 %	50 %
CBR Puncture Geotextile	<u>ASTM D-6241</u>	450 lbs	2,003 N
Trapezoidal Tear Geotextile	<u>ASTM D-4533</u>	65 lbs	289 N
Apparent Opening Size Geotextile	<u>ASTM D-4751</u>	70 US Sieve	0.21 mm
Permittivity ⁽¹⁾ Geotextile	<u>ASTM D-4491</u>	1.63 Sec ⁻¹	1.63 Sec ⁻¹
Permeability ⁽¹⁾ Geotextile	<u>ASTM D-4491</u>	0.3 cm/sec	0.3 cm/sec
Water Flow Rate ⁽¹⁾ Geotextile	<u>ASTM D-4491</u>	125 g/min/f ²	5,093 L/min/m ²

⁽¹⁾ At the time of manufacturing. Handling, storage, and shipping may change these properties. ⁽²⁾ Maximum average roll value (MaxARV). ⁽³⁾ Transmissivity measured using water at 21 ± 2 ° C (70 ± 4) ° C with a gradient of 0.1 and a confining pressure of 10,000 psf between steel plates after 15 minutes. Values may vary with individual labs. ⁽⁴⁾ Condition 190/2.16. ⁽⁵⁾ Minimum average value. ⁽⁶⁾ Maximum. ⁽⁷⁾ Minimum average roll value (M.A.R.V.).

US 300/1/6GN Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
14.5' x 200'	33"	14.5'	1,100 lbs	2,900 f ²	27

US Fabrics, Inc. | 3904 Virginia Avenue | Cincinnati, OH 45227
Phone: (800) 518-2290 | Fax: (513) 217-4420 | email: info@usfabrics.com

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