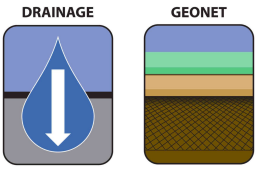
US 220/1/8GN

Geocomposite



A 200 mil HDPE Geonet with a MARV 8oz nonwoven attached to one side.

PROPERTY	TEST METHOD	ENGLISH	METRIC
Thickness[5] Geonet	ASTM D-5199	200 mils	5.08 mm
Tensile Strength[5] Geonet	ASTM D-7179	45 lbs/in	7.87 N/mm
Transmissivity[1,3] Geonet	ASTM D-4716	9.67 g/min/ft	2.0×10^{-3} m²/sec
Carbon Black[5] Geonet	ASTM D-4218	2 %	2 %
Density[5] Geonet	ASTM D-1505	0.94 g/cm³	0.94 g/cm³
Melt Flow[2] Geonet	ASTM D-1238	1 g/10 min (max)	1 g/10 min (max)
Transmissivity[1,3] Geocomposite	ASTM D-4716	4.83 g/min/ft	1.0×10^{-3} m²/sec
Ply Adhesion[5] Geocomposite	ASTM D-7005	1 lbs/in	178 g/cm
Weight[7] Geotextile	ASTM D-5261	8 oz/y²	271.2 g/m²
Grab Tensile Strength Geotextile	ASTM D-4632	225 lbs	1,001 N
Elongation @ Break Geotextile	ASTM D-4632	50 %	50 %
CBR Puncture Geotextile	ASTM D-6241	600 lbs	2,670 N
Trapezoidal Tear Geotextile	ASTM D-4533	90 lbs	401 N
Apparent Opening Size Geotextile	ASTM D-4751	80 US Sieve	0.177 mm
Permittivity[1] Geotextile	ASTM D-4491	1.26 Sec^{-1}	1.26 Sec^{-1}
Permeability[1] Geotextile	ASTM D-4491	0.3 cm/sec	0.3 cm/sec
Water Flow Rate Geotextile	ASTM D-4491	100 g/min/f²	4,074 L/min/m²

[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 220/1/8GN Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
14.5' x 275'	33"	14.5'	1,200 lbs	3,987.5 f²	27

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