

SPECIFICATION SHEET

200W WOVEN GEOTEXTILE

200W is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. 200W resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	200 x 200 lbs	890 x 890 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	75 x 75 lbs	330 x 330 N
CBR Puncture	ASTM D6241	700 lbs	3,113 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D4491	.05 sec ⁻¹	.05 sec ⁻¹
Water Flow Rate	ASTM D4491	5 gpm/ft ²	204 lpm/m ²

*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	12.5 ft x 432 ft	3.81 x 131.7 m
		15 ft x 360 ft	4.6 x 107.7 m
		17.5 ft x 309 ft	5.3 x 94.2 m
Roll Area	Measured	600 yd ²	502 m ²

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