VEarth VG 315 W geotextile fabric 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.

VEarth VG 315 W geotextile fabric resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals

TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	315 x 315 lbs	1,402 x 1,402 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	113 x 113 lbs	503 x 503 N
CBR Puncture	ASTM D6241	900 lbs	4,005 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D4491	0.08 sec^{-1}	.08 sec^{-1}
Water Flow Rate	ASTM D4491	6 gpm/ft^2	244 lpm/m^2

*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	12.5 ft x 360 ft 15 ft x 300 ft 17.5 x 258 ft	3.81 x 109.8 m 4.6 x 91.5 m 5.3 x 78.7 m
Roll Area	Measured	500 yd^2	418 m^2