

VEarth VG 270 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 270 W geotextile fabric resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals



FILTRATION



STABILIZATION

TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	270 x 270 lbs	1,201 x 1,201 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	100 x 100 lbs	445 x 445 N
CBR Puncture	ASTM D6241	850 lbs	3,783 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Water Flow Rate	ASTM D4491	4 gpm/ft ²	163 lpm/m ²

*Maximum Average Roll Value

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