

VEarth VG 2117 M 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 2117 M geotextile fabric resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals



REINFORCEMEN



SEPARATION



FILTRATION



STABILIZATIO

TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Tensile Strength (Grab)	ASTM D4632	370 x 315 lbs	1,645.8 x 1,401.2 N
Elongation (Grab)	ASTM D4632	24% x 22%	24% x 22%
Trapezoidal Tear Strength	ASTM D4533	115 x 95 lbs	511.5 x 422.6 N
CBR Puncture	ASTM D6241	900 lbs	4,003.4 N
UV Resistance (500 hrs)	ASTM D4355	90%	90%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	4.01 sec ⁻¹	4.01 sec ⁻¹
Water Flow Rate	ASTM D4491	300 gpm/ft ²	12,226.4 lpm/m ²

*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	12 ft x 300 ft	3.65 m x 91.5 m
Roll Area	Measured	400 yd ²	334 m ²