VEarth VG 2495 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 2495 M 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
Abrasion Resistance (XD)	ASTM D4886	95%	95%
Tensile Strength (Grab)	ASTM D4632	415 x 340 lbs	1,846 x 1,512 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	100 x 70 lbs	445 x 312 N
CBR Puncture	ASTM D6241	975 lbs	4,337 N
Wide Width Tensile	ASTM D4595	2,900 x 2,300 lbs/ft	42.32 x 33.56 kN/m
UV Resistance (500 hrs)	ASTM D4355	90%	90%
Apparent Opening Size*	ASTM D4751	60 US Std. Sieve	0.25 mm
Permittivity	ASTM D4491	.70 sec^{-1}	0.70 sec^{-1}
Permeability	ASTM D4491	.035 cm/sec	0.035 cm/sec
Water Flow Rate	ASTM D4491	50 gpm/ft^2	2,037.5 lpm/m^2

*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	6 ft x 300 ft 12 ft x 300 ft	1.83 m x 91.5 m 3.65 m x 91.5 m
Roll Area	Measured	200 yd^2 400 yd^2	167 m^2 334 m^2