

VEarth Mono VG 2X2 HP 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 Mono VG 2X2 HP 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	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	320 x 320 lbs	1,424 x 1,424 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	125 x 125 lbs	556 x 556 N
CBR Puncture	ASTM D6241	1,400 lbs	6,230 N
Wide Width Tensile	ASTM D4595	2,700 x 2,800 lbs/ft	39.4 x 40.9 kN/m
Wide Width Tensile @ 2% Strain	ASTM D4595	500 x 800 lbs/ft	7.3 x 11.7 kN/m
Wide Width Tensile @ 5% Strain	ASTM D4595	1,100 x 1,700 lbs/ft	16 x 24.8 kN/m
Wide Width Tensile @ 10% Strain	ASTM D4595	2,000 x 2,800 lbs/ft	29.2 x 40.9 kN/m
UV Resistance (500 hrs)	ASTM D4355	90%	90%
Apparent Opening Size*	ASTM D4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D4491	0.70 sec ⁻¹	0.70 sec ⁻¹
Water Flow Rate	ASTM D4491	50 gpm/ft ²	2,037 lpm/m ²

*Maximum Average Roll Value

PROPERTY		TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	-	15 ft x 300 ft	4.6 m x 91.5 m
Roll Area	-	500 yd ²	418 m ²

