

VEarth Mono VG 4X4 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 4X4 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	575 x 500 lbs	2,558 x 2,225 N
Elongation (Grab)	ASTM D4632	15% x 12%	15% x 12%
Trapezoidal Tear Strength	ASTM D4533	200 x 200 lbs	890 x 890 N
CBR Puncture	ASTM D6241	2,200 lbs	9,786 N
Wide Width Tensile	ASTM D4595	4,800 x 4,800 lbs/ft	70.1 x 70.1 kN/m
Wide Width Elongation	ASTM D4595	8% x 6%	8% x 6%
Wide Width Tensile @ 5% Strain	ASTM D4595	1,452 x 2,604 lbs/ft	21.2 x 38 kN/m
UV Resistance (500 hrs)	ASTM D4355	90%	90%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	.15 sec ⁻¹	.15 sec ⁻¹
Water Flow Rate	ASTM D4491	10 gpm/ft ²	407.4 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