

VEarth Mono VG 3X3 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 3X3 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	450 x 350 lbs	2,003 x 1,558 N
Elongation (Grab)	ASTM D4632	15% x 6%	15% x 6%
Trapezoidal Tear Strength	ASTM D4533	135 x 125 lbs	600.5 x 556.03 N
CBR Puncture	ASTM D6241	1,600 lbs	7,120 N
Wide Width Tensile	ASTM D4595	3,600 x 3,600 lbs/ft	52.5 x 52.5 kN/m
Wide Width Tensile @ 2% Strain	ASTM D4595	480 x 420 lbs/ft	7 x 6.1 kN/m
Wide Width Tensile @ 5% Strain	ASTM D4595	1,392 x 1,740 lbs/ft	20.3 x 25.4 kN/m
Wide Width Tensile @ 10% Strain	ASTM D4595	3,180 x 3,480 lbs/ft	46.4 x 50.8 kN/m
UV Resistance (500 hrs)	ASTM D4355	80%	80%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	.52 sec ⁻¹	0.52 sec ⁻¹
Water Flow Rate	ASTM D4491	40 gpm/ft ²	1,630 lpm/m ²
Thickness**	ASTM D5199	29.9 mils	0.76 mm

*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