

VEarth Mono VG 400 HTM 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 400 HTM 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 Modulus @ 2% Strain (XD)	ASTM D4595	53,000 lbs/ft	773 kN/m
Tensile Modulus @ 5% Strain (XD)	ASTM D4595	46,500 lbs/ft	678 kN/m
Tensile Strength @ 2% Strain	ASTM D4595	600 x 1,020 lbs/ft	8.8 x 14.9 kN/m
Tensile Strength @ 5% Strain	ASTM D4595	1,800 x 2,256 lbs/ft	26.3 x 32.9 kN/m
Interaction Coefficient**	ASTM D6706	0.89	0.89
UV Resistance (500 hrs)	ASTM D4355	90%	90%
Apparent Opening Size*	ASTM D4751	40 US Std. Sieve	0.425 mm
Permittivity	ASTM D4491	1.09 sec ⁻¹	1.09 sec ⁻¹
Water Flow Rate	ASTM D4491	80 gpm/ft ²	3260 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