

VEarth Mono VG 2505 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 2505 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	375 x 375 lbs	1,669 x 1,669 N
Elongation (Grab)	ASTM D4632	15% x 8%	15% x 8%
Trapezoidal Tear Strength	ASTM D4533	120 x 120 lbs	534 x 534 N
CBR Puncture	ASTM D6241	1200 lbs	5,340 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	50 US Std. Sieve	0.3 mm
Permittivity	ASTM D4491	0.2 sec ⁻¹	0.2 sec ⁻¹
Water Flow Rate	ASTM D4491	15 gpm/ft ²	611 lpm/m ²

*Maximum Average Roll Value

PROPERTY	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	15 x 300 ft	4.6 x 91.5 m