



## TE-M50

### MONOFILAMENT GEOTEXTILES

Titan's Monofilament Geotextiles are manufactured using high tenacity monofilament polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. These fabrics offer optimum performance when used in stabilization applications. Produced from the first quality raw materials, they provide the perfect balance of strength and separation in styles capable of functioning exceptionally well in a wide range of performance requirements. They resist ultraviolet and biological degradation, rotting, and are chemically inert to any natural bases or acids.

PROPERTY	TEST METHOD	M.A.R.V. (Min. Avg Roll Value)
Weight (Typical)	ASTM D-5261	8 oz/yd <sup>2</sup> (272 g/m <sup>2</sup> )
Grab Tensile	ASTM D-4632	315 lbs (1.4 kN)
Grab Elongation	ASTM D-4632	15%
Trapezoid Tear Strength	ASTM D-4533	125 lbs (0.55 kN)
CBR Puncture Resistance	ASTM D-6241	1000 lbs (4.4 kN)
Permittivity*	ASTM D-4491	0.70 sec <sup>-1</sup>
Water Flow*	ASTMD-4491	50 gpm/ft <sup>2</sup> (2036 L/min/m <sup>2</sup> )
AOS*	ASTM D-4751	40 US Sieve (0.425 mm)
U.V. Resistance	ASTM D-4355	70%/500 hours

\*At the time of manufacturing. Handling, storage, and shipping may change these properties.

PACKAGING	
Roll Dimensions – (W X L)	15 ft x 300 ft
Square yards per roll	500
Estimated Roll Weight	260 lbs

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