

TerraTex® HPG-16

TerraTex® geotextiles are made up of high tenacity polypropylene yarns. These yarns are woven to form a stable and durable network such that the yarns retain their relative position. They are non-biodegradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12. Unless noted otherwise, all values are minimum average roll values (MARV).

Property	Test Method	English	Metric
Grab Tensile	ASTM D4632	320 x 320 lbs	1.41 x 1.41 kN
Grab Elongation	ASTM D4632	15 x 15 %	15 x 15 %
Wide Width Tensile (Ultimate)	ASTM D4595	2,700 x 2,800 lbs/ft	39.4 x 40.9 kN/m
Wide Width Tensile (2% Strain)	ASTM D4595	500 x 800 lbs/ft	7.3 x 11.7 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	1,100 x 1,700 lbs/ft	16.1 x 24.8 kN/m
Trapezoid Tear	ASTM D4533	125 x 125 lbs	0.556 x 0.556 kN
CBR Puncture	ASTM D6241	1,400 lbs	6.230 kN
Permittivity ¹	ASTM D4491	0.7 sec ⁻¹	0.7 sec ⁻¹
Water Flow Rate ¹	ASTM D4491	50 gpm/ft ²	2,037 Lpm/m ²
AOS ^{1,2}	ASTM D4751	40 US Std. Sieve	0.425 mm
UV Resistance	ASTM D4355	90 % @ 500 hrs	90 % @ 500 hrs

1. At the time of manufacturing. Handling, storage, and shipping may change these properties.
2. Value represents maximum average roll value.

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