

TerraTex® HPG-16

TerraTex® HPG-16 is a polypropylene woven fabric. This engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. Polypropylene is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today. TerraTex® HPG-16 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	315 x 315 lbs	1.40 x 1.40 kN
Grab Elongation	ASTM D4632	15 %	15 %
Wide Width Tensile (Ultimate)	ASTM D4595	2,400 x 2,400 lbs/ft	35.0 x 35.0 kN/m
Wide Width Elongation	ASTM D4595	12 x 8 %	12 x 8 %
Wide Width Tensile (2% Strain)	ASTM D4595	240 x 240 lbs/ft	3.5 x 3.5 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	780 x 1,404 lbs/ft	11.4 x 20.5 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	0.700 sec⁻¹	0.700 sec⁻¹
Water Flow Rate ¹	ASTM D4491	50 gpm/ft²	2,037 Lpm/m²
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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