

TerraTex® HPG-4x6

TerraTex® HPG-4x6 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-4x6 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	600 x 700 lbs	2.67 x 3.115 kN
Grab Elongation	ASTM D4632	15 x 15 %	15 x 15 %
Wide Width Tensile (Ultimate)	ASTM D4595	4,800 x 7,200 lbs/ft	70.1 x 105.1 kN/m
Wide Width Elongation	ASTM D4595	14 x 9 %	14 x 9 %
Wide Width Tensile (5% Strain)	ASTM D4595	1,200 x 2,604 lbs/ft	17.5 x 38.5 kN/m
Trapezoid Tear	ASTM D4533	180 x 275 lbs	0.801 x 1.224 kN
CBR Puncture	ASTM D6241	2,400 lbs	10.676 kN
Permittivity ¹	ASTM D4491	0.26 sec⁻¹	0.26 sec⁻¹
Water Flow Rate ¹	ASTM D4491	20 gpm/ft²	815 Lpm/m²
AOS ^{1, 2}	ASTM D4751	40 US Std. Sieve	0.425 mm
UV Resistance	ASTM D4355	80 % @ 500 hrs	80 % @ 500 hrs
Roll Sizes			
Dimensions		15 x 300 ft	4.6 x 91.5 m
Area		500 yd²	418 m²

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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