

TerraTex® HPG-4x4

TerraTex® HPG-4x4 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-4x4 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	575 x 500 lbs	2.558 x 2.225 kN
Grab Elongation	ASTM D4632	15 x 12 %	15 x 12 %
Wide Width Tensile (Ultimate)	ASTM D4595	4,800 x 4,800 lbs/ft	70.1 x 70.1 kN/m
Wide Width Elongation	ASTM D4595	8 x 6 %	8 x 6 %
Wide Width Tensile (5% Strain)	ASTM D4595	1,452 x 2,604 lbs/ft	21.2 x 38.0 kN/m
Trapezoid Tear	ASTM D4533	200 x 200 lbs	0.890 x 0.890 kN
CBR Puncture	ASTM D6241	2,200 lbs	9.79 kN
Permittivity ¹	ASTM D4491	0.15 sec⁻¹	0.15 sec⁻¹
Water Flow Rate ¹	ASTM D4491	10 gpm/ft²	407.1 Lpm/m²
AOS ^{1, 2}	ASTM D4751	30 US Std. Sieve	0.600 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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