

TerraTex® HPG-4x4HF

TerraTex® HPG-4x4HF 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-4x4HF is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	475 x 440 lbs	2.114 x 1.958 kN
Grab Elongation	ASTM D4632	15 x 15 %	15 x 15 %
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	9 x 9 %	9 x 9 %
Wide Width Tensile (2% Strain)	ASTM D4595	600 x 840 lbs/ft	8.8 x 12.3 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	2,400 x 2,700 lbs/ft	35.0 x 39.4 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	0.40 sec⁻¹	0.40 sec⁻¹
Water Flow Rate ¹	ASTM D4491	30 gpm/ft²	1,222 Lpm/m²
AOS ^{1,2}	ASTM D4751	30 US Std. Sieve	0.600 mm
UV Resistance	ASTM D4355	80 % @ 500 hrs	80 % @ 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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