

TerraTex® HPG-500

TerraTex® HPG-500 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-500 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	600 x 600 lbs	2.67 x 2.67 kN
Grab Elongation	ASTM D4632	20 x 15 %	20 x 15 %
Wide Width Tensile (Ultimate)	ASTM D4595	4,800 x 4,800 lbs/ft	70.0 x 70.0 kN/m
Wide Width Elongation	ASTM D4595	10.2 x 7.2 %	10.2 x 7.2 %
Trapezoid Tear	ASTM D4533	200 x 200 lbs	0.890 x 0.890 kN
CBR Puncture	ASTM D6241	1,400 lbs	6.228 kN
Permittivity ¹	ASTM D4491	0.136 sec⁻¹	0.136 sec⁻¹
Water Flow Rate ¹	ASTM D4491	10 gpm/ft²	407 Lpm/m²
AOS ^{1, 2}	ASTM D4751	80 US Std. Sieve	0.180 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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