

TerraTex® HPG-3x3

TerraTex® HPG-3x3 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-3x3 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	450 x 350 lbs	2.000 x 1.558 kN
Grab Elongation	ASTM D4632	15 x 6 %	15 x 6 %
Wide Width Tensile (Ultimate)	ASTM D4595	3,600 x 3,600 lbs/ft	52.5 x 52.5 kN/m
Wide Width Elongation	ASTM D4595	15 x 10 %	15 x 10 %
Wide Width Tensile (2% Strain)	ASTM D4595	480 x 420 lbs/ft	7.0 x 6.1 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	1,392 x 1,740 lbs/ft	20.3 x 24.5 kN/m
Trapezoid Tear	ASTM D4533	180 x 140 lbs	0.801 x 0.623 kN
CBR Puncture	ASTM D6241	1,600 lbs	7.12 kN
Permittivity ¹	ASTM D4491	0.52 sec⁻¹	0.52 sec⁻¹
Water Flow Rate ¹	ASTM D4491	40 gpm/ft²	1,630 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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