

# TerraTex® HPG-27

TerraTex® geotextiles are made up of high tenacity polypropylene yarns. These yarns are woven to form a stable and durable network such that the yarns retain their relative position. They are non-biodegradable and resistant to most soil chemicals, acids, and alkali with a pH range of 3 to 12. Unless noted otherwise, all values are minimum average roll values (MARV).

Property	Test Method	English	Metric
Grab Tensile	ASTM D4632	295 x 260 lbs	1.3 x 1.16 kN
Grab Elongation	ASTM D4632	13 x 12 %	13 x 12 %
Wide Width Tensile (Ultimate)	ASTM D4595	2,640 x 2,460 lbs/ft	38.5 x 35.9 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	1,272 x 1,440 lbs/ft	18.6 x 21.0 kN/m
Trapezoid Tear	ASTM D4533	110 x 130 lbs	0.49 x 0.58 kN
CBR Puncture	ASTM D6241	1,000 lbs	4.45 kN
Permittivity <sup>1</sup>	ASTM D4491	0.6 sec <sup>-1</sup>	0.6 sec <sup>-1</sup>
Water Flow Rate <sup>1</sup>	ASTM D4491	40 gpm/ft <sup>2</sup>	1,630 Lpm/m <sup>2</sup>
AOS <sup>1,2</sup>	ASTM D4751	30 US Std. Sieve	0.60 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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