

TerraTex® HPG-77

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	600 x 500 lbs	2.67 x 2.22 kN
Grab Elongation	ASTM D4632	12 x 6 %	12 x 6 %
Wide Width Tensile (Ultimate)	ASTM D4595	7,200 x 5,760 lbs/ft	105.1 x 84.0 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	3,600 x 3,600 lbs/ft	52.5 x 52.5 kN/m
Trapezoid Tear	ASTM D4533	250 x 200 lbs	1.11 x 0.89 kN
CBR Puncture	ASTM D6241	1,900 lbs	8.45 kN
Permittivity ¹	ASTM D4491	0.9 sec ⁻¹	0.9 sec ⁻¹
Water Flow Rate ¹	ASTM D4491	65 gpm/ft ²	2,648 Lpm/m ²
AOS ^{1,2}	ASTM D4751	20 US Std. Sieve	0.85 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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