

TerraTex® HPG-77

TerraTex® HPG-77 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-77 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Wide Width Tensile (Ultimate)	ASTM D4595	7,200 x 5,760 lbs/ft	105.1 x 84.0 kN/m
Wide Width Tensile (2% Strain)	ASTM D4595	1,140 x 1,560 lbs/ft	16.6 x 22.8 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	3,600 x 3,600 lbs/ft	52.5 x 52.5 kN/m
Permittivity ¹	ASTM D4491	0.230 sec ⁻¹	0.230 sec ⁻¹
Water Flow Rate ¹	ASTM D4491	15 gpm/ft ²	611 Lpm/m ²
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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