

TerraTex® HPG-37

TerraTex® HPG-37 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-37 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	450 x 350 lbs	2.00 x 1.55 kN
Grab Elongation	ASTM D4632	15 x 10 %	15 x 10 %
Wide Width Tensile (Ultimate)	ASTM D4595	3,600 x 3,300 lbs/ft	52.5 x 48.2 kN/m
Wide Width Elongation	ASTM D4595	15 x 15 %	15 x 15 %
Wide Width Tensile (2% Strain)	ASTM D4595	540 x 540 lbs/ft	7.9 x 7.9 kN/m
Wide Width Tensile (5% Strain)	ASTM D4595	1,500 x 1,560 lbs/ft	21.9 x 22.8 kN/m
Permittivity ¹	ASTM D4491	0.520 sec⁻¹	0.520 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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