

TerraTex® HPG-40

TerraTex® HPG-40 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-40 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	400 x 400 lbs	1.78 x 1.78 kN
Grab Elongation	ASTM D4632	20 x 20 %	20 x 20 %
Trapezoid Tear	ASTM D4533	115 x 100 lbs	0.512 x 0.445 kN
CBR Puncture	ASTM D6241	1,500 lbs	6.675 kN
Permittivity ¹	ASTM D4491	0.2 sec⁻¹	0.2 sec⁻¹
Water Flow Rate ¹	ASTM D4491	15 gpm/ft²	611 Lpm/m²
AOS ^{1, 2}	ASTM D4751	40 US Std. Sieve	0.425 mm
UV Resistance	ASTM D4355	70 % @ 500 hrs	70 % @ 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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