

TerraTex® HPG-700

TerraTex® HPG-700 is composed of high tenacity polyester multifilament yarns which are woven into a stable network such that the yarns retain their relative position. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. TerraTex® HPG-700 is manufactured to meet the following minimum average roll values:

PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile	ASTM D4632	700 x 700 lbs	3.114 x 3.114 kN
Grab Elongation	ASTM D4632	20 x 15 %	20 x 15 %
Wide Width Tensile (Ultimate)	ASTM D4595	6,056 x 5,515 lbs/ft	88 x 80 kN/m
Wide Width Elongation	ASTM D4595	13.2 x 9.6 %	13.2 x 9.6 %
Trapezoid Tear	ASTM D4533	250 x 250 lbs	1.11 x 1.11 kN
CBR Puncture	ASTM D6241	1,700 lbs	7.562 kN
Permittivity ¹	ASTM D4491	0.109 sec⁻¹	0.109 sec⁻¹
Water Flow Rate ¹	ASTM D4491	8 gpm/ft²	326 Lpm/m²
AOS ^{1, 2}	ASTM D4751	80 US Std. Sieve	0.180 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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