



TerraTex HPG-70

High Performance Geotextile

TerraTex HPG-70 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-70 is manufactured to meet the following minimum average roll values:

		Minimum Average Roll Value		
Reinforcement Properties		Test Method	kN/m	lbs/ft
Ultimate Tensile Strength	MD	ASTM D 4595	70	4,800
Ultimate Tensile Strength	XMD	ASTM D 4595	70	4,800
Tensile Strength at 5% strain	MD	ASTM D 4595	20.5	1,407
Puncture		ASTM D 4833	1067 N	240 lb
Mullen Burst		ASTM D 3786	7033 kPa	1020 psi
Apparent Opening Size (AOS)		ASTM D 4751	.293mm	50 US seive
Permittivity		ASTM D 4491	.059 sec ⁻¹	.059 sec ⁻¹
Flow Rate		ASTM D 4491	163 l/min/m ²	4 gal/min/ft ²
UV Resistance (at 500 hours)		ASTM D 4355	50%	
Physical Properties		Test Method	Typical Value	
Roll Dimensions (width x length)		m (ft)	4.5 (15)x 91 (300)	
Roll Area		m ² (yd ²)	418 (500)	

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