



TerraTex HPG-140

High Performance Geotextile

TerraTex HPG-140 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-140 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		140.0	9,600
Tensile Strength at 5% strain	MD	ASTM D 4595		48.4	3,318
Creep Reduced Strength	MD	ASTM D 5262		86.9	5,963
Long Term Design Strength (LTDS)	MD	GRI GT-7		67.6	4,633
UV Resistance (at 500 hours)		ASTM D 4355		65%	
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)	

RF Creep – 1.61
 RF Durability – 1.10
 RF Installation Damage- 1.17

1/2010