



# TerraTex HPG-400

## High Performance Geotextile

TerraTex HPG-400 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-400 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	402.6	27,600
Tensile Strength at 5% strain	MD	ASTM D 4595	148.9	10,212
Creep Reduced Strength	MD	ASTM D 5262	250.0	17,143
Long Term Design Strength (LTDS)	MD	GRI GT-7	192.6	13,207
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 <sup>2</sup> (yd <sup>2</sup> )	418 (500)	

RF Creep – 1.61  
 RF Durability – 1.10  
 RF Installation Damage- 1.18

1/2010