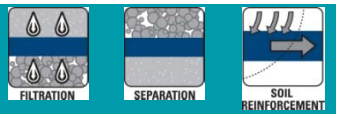
270HP



270HP geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. 270HP geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Our Laboratories are accredited by a2La (The American Association for Laboratory Accreditation) and Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). NTPEP Listed

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Tensile Strength (at ultimate)	ASTM D4595	lbs/ft (kN/m)	2640 (38.5)	2460 (35.9)
Tensile Strength (at 2% strain)	ASTM D4595	lbs/ft (kN/m)	480 (7.0)	588 (8.6)
Tensile Strength (at 5% strain)	ASTM D4595	lbs/ft (kN/m)	1212 (17.7)	1356 (19.8)
Flow Rate	ASTM D4491	gal/min/ft^2 (l/min/m^2)	50 (2037)	
Permittivity	ASTM D4491	sec^{-1}	0.70	
			Maximum Opening Size	
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	30 (0.60)	
			Typical Test Value	
Pore Size O_{95}[1]	ASTM D6767	microns	386	
Pore Size O_{50}[1]	ASTM D6767	microns	294	
			Minimum Test Value	
Factory Sewn Seam	ASTM D4884	lbs/ft (kN/m)	1260 (18.4)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	

[1] Based on Third Party Testing

Physical Properties	Unit	Roll Size
Roll Dimensions (width x length)	ft (m)	15 x 300 (4.5 x 91)
Roll Area	yd^2 (m^2)	500 (418)

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Testing Lab 1291.01 & 1291.02