

Mirafi[®] HP570



Mirafi[®] HP570 geotextile is composed of high-tenacity polypropylene yarns, which are woven into a network such that the yarns retain their relative position. Mirafi[®] HP570 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas is accredited by a2La (The American Association for Laboratory Accreditation) and Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). NTPEP Number: GTX-2012-01-011

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Tensile Strength (at ultimate)	ASTM D4595	lbs/ft (kN/m)	4800 (70.0)	4800 (70.0)
Tensile Strength (at 2% strain)	ASTM D4595	lbs/ft (kN/m)	960 (14.0)	1320 (19.3)
Tensile Strength (at 5% strain)	ASTM D4595	lbs/ft (kN/m)	2400 (35.0)	2700 (39.4)
Tensile Strength (at 10% strain)	ASTM D4595	lbs/ft (kN/m)	4800 (70.0)	---
Factory Sewn Seam	ASTM D4884	lbs/ft (kN/m)	3000 (43.8)	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	30 (1222)	
Permeability	ASTM D4491	cm/sec	0.05	
Permittivity	ASTM D4491	sec ⁻¹	0.40	
Apparent Opening Size (AOS) ¹	ASTM D4751	U.S. Sieve (mm)	30 (0.60)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	

¹ ASTM D4751: AOS is a Maximum Opening Diameter Value

NOTE: To obtain Secant Modulus, divide tensile strength by the appropriate strain level
(i.e. Secant Modulus at 5% = 2400/0.05 = 48000 lb/ft)

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

© 2013 TenCate Geosynthetics Americas
Mirafi[®] is a registered trademark of Nicolon Corporation

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

Factory Sewn Seam (ASTM D4884) and UV Resistance (ASTM D4355) is not covered by our current A2LA accreditation.

365 South Holland Drive
Pendergrass, GA 30567
FGS000049
ETQR24

Tel 706 693 2226
Tel 888 795 0808

Fax 706 693 4400
www.tencate.com



TENCATE
materials that make a difference