


## Mirafi<sup>®</sup> HP370

Mirafi<sup>®</sup> HP370 geotextile is composed of high-tenacity monofilament polypropylene yarns, which are woven into a network such that the yarns retain their relative position. Mirafi<sup>®</sup> HP370 geotextile is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Tensile Strength (at ultimate)	ASTM D4595	lbs/ft (kN/m)	3600 (52.5)	3240 (47.3)
Tensile Strength (at 5% strain)	ASTM D4595	lbs/ft (kN/m)	1500 (21.9)	1560 (22.8)
Grab Tensile Strength	ASTM D4632	lbs (N)	400 (1780)	300 (1335)
Grab Tensile Elongation	ASTM D4632	%	10	6
Trapezoid Tear Strength	ASTM D4533	lbs (N)	135 (601)	125 (556)
CBR Puncture Strength	ASTM D6241	lbs (N)	1450 (6453)	
<b>MINIMUM ROLL VALUE</b>				
Flow Rate	ASTM D4491	gal/min/ft <sup>2</sup> (l/min/m <sup>2</sup> )	60 (2444)	
Permittivity	ASTM D4491	sec <sup>-1</sup>	0.9	
<b>MAXIMUM OPENING SIZE</b>				
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	30 (0.60)	
<b>MINIMUM TEST VALUE</b>				
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	
PHYSICAL PROPERTIES		UNIT	ROLL SIZE	
Roll Dimensions (width x length)		ft (m)	15 x 300 (4.5 x 91)	
Roll Area		yd <sup>2</sup> (m <sup>2</sup> )	500 (418)	
Estimated Roll Weight		lbs (kgs)	270 (122.5)	
Label Roll Color				

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