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DRAINAGE SOLUTIONS, INC

Mirafi® HP665

TENCATE GEOSYNTHETICS
Americas

Mirafi® HP665 is composed of high-tenacity monofilament polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. Mirafi® HP665 geotextile is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value	
			MD	CD
Wide Width Tensile Strength	ASTM D4595	lbs/ft (kN/m)	5400 (78.8)	7500 (109.4)
Wide Width Tensile Strength 5%	ASTM D4595	lbs/ft (kN/m)	1200 (17.5)	4200 (61.3)
Wide Width Tensile Strength 10%	ASTM D4595	lbs/ft (kN/m)	3000 (43.8)	6600 (96.3)
			Minimum Roll Value	
Permittivity	ASTM D4491	sec^{-1}	0.26	
Flow Rate	ASTM D4491	gal/min/ft^2 (l/min/m^2)	20 (815)	
			Maximum Opening Size	
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	40 (0.425)	
			Minimum Test Value	
Factory Sewn Seam	ASTM D4884	lbs/ft (kN/m)	3600 (52.5)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

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

GAI-LAP-25-97