



Mirafi® H₂Ri is a revolutionary wicking geosynthetic created from super high-tenacity polypropylene filaments and patented wicking filaments formed into an innovative weave to provide superior reinforcement strength and soil interaction integrated with high soil retention and wicking capabilities.

Geosynthetic directionally draws water via capillary action.

TenCate Geosynthetics Americas Laboratories are accredited 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)	5280 (77.0)	5280 (77.0)
Wide Width Tensile Strength @ 2% strain	ASTM D4595	lbs/ft (kN/m)	480 (7.0)	1080 (15.8)
			Maximum Opening Size	
Apparent Opening Size (AOS)	ASTM D4751	U.S. Sieve (mm)	40 (0.425)	
			Minimum Roll Value	
Permittivity	ASTM D4491	sec ⁻¹	0.4	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	30 (1222)	
			Minimum Test Value	
Pore Size (050)	ASTM D6767	microns	85	
Pore Size (095)	ASTM D6767	microns	195	
Wet Front Movement ¹ (24 minutes)	ASTM C1559 ²	inches	6.0 Vertical direction	
Wet Front Movement ¹ (983 minutes) Zero Gradient	ASTM C1559 ²	inches	73.3 Horizontal direction	

¹ 'STP': Standard Temperature and Pressure

² Modified

Physical Properties	Unit	Roll Size
Roll Dimensions (width x length)	ft (m)	15 x 300 (4.57 x 91.4)
Roll Area	yd ² (m ²)	500 (418)

U.S. Patent 7,874,767 and 8,070,395

Rolls should be covered during shipment and properly stored.

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