



# Mirafi<sup>®</sup> MPV400

Mirafi<sup>®</sup> MPV400 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi<sup>®</sup> MPV400 meets the AASHTO M 288-92, Mild Climate Region specification for paving fabrics. Mirafi<sup>®</sup> MPV400 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Grab Tensile Strength	ASTM D 4632	kN (lbs)	0.40 (90)
Grab Tensile Elongation	ASTM D 4632	%	50
Grab Tensile Asphalt Saturated	ASTM D 4632 modified <sup>1</sup>	kN (lbs)	0.90 (200)
Grab Tensile Elongation Asphalt Saturated	ASTM D 4632 modified <sup>1</sup>	%	40 – 70
Mullen Burst Strength	ASTM D 3786	kPa (psi)	1240 (180)
Asphalt Retention	ASTM D 6140	l/m <sup>2</sup> (gal/yd <sup>2</sup> ) (oz/ft <sup>2</sup> )	1.13 (0.25) (3.6)
Change in Area Asphalt Saturated	TX DOT 3099	%	+ / - 15
Melting Point	ASTM D 276-00	°C (°F)	163 (325)
Mass/Unit Area	ASTM D 5261	g/m <sup>2</sup> (oz/yd <sup>2</sup> )	119 (3.5)
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	70

Physical Properties	Unit	Typical Value		
Roll Width	m (ft)	3.2 (10.5)	3.8 (12.5)	4.4 (14.5)
Roll Length	m (ft)	110 (360)	110 (360)	110 (360)
Roll Area	m <sup>2</sup> (yd <sup>2</sup> )	351 (420)	418 (500)	484 (580)
Estimated Roll Weight	kg (lbs)	52 (115)	62 (137)	72 (159)

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<sup>1</sup> Modification to procedure: Sample is saturated with Asphalt.