



Mirafi[®] MPV500

Mirafi[®] MPV500 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi[®] MPV500 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

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MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	101 (450)	101 (450)
Grab Tensile Elongation	ASTM D4632	%	50	50
Mass/Unit Area	ASTM D5261	oz/yd ² (g/m ²)	4.1 (140)	

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM ROLL VALUE
Asphalt Retention	ASTM D6140	gal/yd ² (l/m ²)	≥ 0.20 (0.91)
Melting Point ¹	ASTM D276	F° (C°)	325 (163)
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70

PHYSICAL PROPERTIES	UNIT	TYPICAL ROLL VALUE		
Roll Dimensions (width x length)	ft (m)	10.5(360)	12.5(360)	14.5(4.4)
Roll Area	yd ² (m ²)	420(351)	500(418)	580(485)
Estimated Roll Weight	lbs (kg)	118 (54)	141 (64)	163 (74)
Label Roll Color		WHITE		

¹ Based on Peak Temperature results from TRI.

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