TENCATE GEOSYNTHETICS
Americas

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.

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

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Grab Tensile Strength	ASTM D4632	lbs (N)	101 (450)
Grab Tensile Elongation	ASTM D4632	%	50
Mass/Unit Area	ASTM D5261	oz/yd^2 (g/m^2)	4.1 (140)
			Minimum Test 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

[1] Based on Peak Temperature results from TRI.

Physical Properties	Unit	Roll Sizes		
Roll Width	ft (m)	10.5 (3.2)	12.5 (3.8)	14.5 (4.4)
Roll Length	ft (m)	360 (110)		
Roll Area	yd^2 (m^2)	420 (351)	500 (418)	580 (485)
Estimated Roll Weight	lbs (kg)	118 (54)	141 (64)	163 (74)

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