



Mirafi[®] MPV400

Mirafi[®] MPV400 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi[®] 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 D4632	lbs (N)	90 (401)
Grab Tensile Elongation	ASTM D4632	%	50
Grab Tensile Asphalt Saturated	ASTM D4632 modified ¹	lbs (N)	200 (890)
Grab Tensile Elongation Asphalt Saturated	ASTM D4632 modified ¹	%	40 – 70
Asphalt Retention	ASTM D6140	gal/yd ² (l/m ²)	0.25 (1.1)
Change in Area Asphalt Saturated	TX DOT 3099	%	± 15
Melting Point	ASTM D276	F° (C°)	325 (163)
Mass/Unit Area	ASTM D5261	oz/yd ² (g/m ²)	3.5 (119)
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70

Physical Properties	Unit	Typical Value		
Roll Width	ft (m)	10.5 (3.2)	12.5 (3.8)	14.5 (4.4)
Roll Length	ft (m)	360 (110)	360 (110)	360 (110)
Roll Area	yd ² (m ²)	420 (351)	500 (418)	580 (484)
Estimated Roll Weight	lbs (kg)	106 (48)	126 (57)	146 (66)

¹ Modification to procedure: Sample is saturated with Asphalt.

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

© 2011 TenCate Geosynthetics North America
 Mirafi[®] is a registered trademark of Nicolon Corporation

