

# Mirafi<sup>®</sup> MPV500



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

TenCate Geosynthetics Americas Laboratories are accredited by a2La (The American Association for Laboratory Accreditation) and Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). NTPEP Number: GTX-2013-01-054

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Grab Tensile Strength	ASTM D4632	lbs (N)	101 (450)
Grab Tensile Elongation	ASTM D4632	%	50
Asphalt Retention	ASTM D6140	gal/yd <sup>2</sup> (l/m <sup>2</sup> )	≥ 0.20 (0.91)
Melting Point	ASTM D276	F° (C°)	325 (163)
Mass/Unit Area	ASTM D5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	4.1 (140)
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70

Physical Properties	Unit	Typical Value <sup>1</sup>		
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 <sup>2</sup> (m <sup>2</sup> )	420 (351)	500 (418)	580 (485)
Estimated Roll Weight	lbs (kg)	118 (54)	141 (64)	163 (74)

<sup>1</sup> ASTM D4439 Standard Terminology for Geosynthetics: typical value, *n—for geosynthetics*, the mean value calculated from documented manufacturing quality control test results for a defined population obtained from one test method associated with on specific property.

Asphalt Retention (ASTM D6140) and Melting Point (ASTM D276) are not covered by our current A2LA accreditation.

**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.

Mirafi<sup>®</sup> is a registered trademark of Nicolon Corporation.

Copyright © 2013 Nicolon Corporation. All Rights Reserved.



365 South Holland Drive  
Pendergrass, GA 30567

Tel 706 693 2226  
Tel 888 795 0808

Fax 706 693 4400  
[www.tencate.com](http://www.tencate.com)

FGS000354  
ETQR52



GAI-LAP-25-97

  
materials that make a difference



Testing Lab 1291.01 & 1291.02