



Mirafi[®] MPV400

Mirafi[®] MPV400 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi[®] MPV400 meets the AASHTO M 288-92, Mild Climate Region specification for paving fabrics. 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 D 4632	kN (lbs)	0.40 (90)
Grab Tensile Elongation	ASTM D 4632	%	50
Grab Tensile Asphalt Saturated	ASTM D 4632 modified ¹	kN (lbs)	0.90 (200)
Grab Tensile Elongation Asphalt Saturated	ASTM D 4632 modified ¹	%	40 – 70
Mullen Burst Strength	ASTM D 3786	kPa (psi)	1240 (180)
Asphalt Retention	ASTM D 6140	l/m ² (gal/yd ²) (oz/ft ²)	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 ² (oz/yd ²)	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 ² (yd ²)	351 (420)	418 (500)	484 (580)
Estimated Roll Weight	kg (lbs)	52 (115)	62 (137)	72 (159)

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.

¹ Modification to procedure: Sample is saturated with Asphalt.