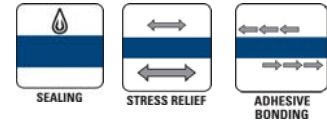# Mirafi® MPV700

Mirafi® MPV700 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi® MPV700 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).

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Grab Tensile Strength	ASTM D4632	lbs (N)	150 (668)
Grab Tensile Elongation	ASTM D4632	%	50
Asphalt Retention[1]	ASTM D6140	gal/yd^2 (l/m^2)	$\geq$ 0.25 (1.14)
Melting Point[1]	ASTM D276	F° (C°)	320 (160)
Mass/Unit Area	ASTM D5261	oz/yd^2 (g/m^2)	6.0 (203)
UV Resistance (at 500 hours)[1]	ASTM D4355	% strength retained	70

[1] Minimum Test Value

Physical Properties	Unit	Typical Value[2]
Roll Width	ft (m)	12.5 (3.8)
Roll Length	ft (m)	360 (110)
Roll Area	yd^2 (m^2)	500 (418)
Estimated Roll Weight	lbs (kg)	222 (101)

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[2] 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.

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