

PRODUCT DATA SHEET

PETROMAT® 4597

PETROMAT 4597 is a nonwoven polypropylene geotextile produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below.

PETROMAT 4597 is used as a moisture barrier and stress absorbing interlayer beneath asphalt overlay or a chip seal and exceeds AASHTO M288 requirements for paving fabric.

PETROMAT 4597 conforms to the property values listed below¹. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

PROPERTY	TEST METHOD	MARV ²	
		ENGLISH	METRIC
Physical			
Mass/Unit Area	ASTM D-5261	4.6 oz/yd ²	156 g/m ²
Mechanical			
Grab Tensile Strength	ASTM D-4632	120 lbs	530 N
Grab Elongation	ASTM D-4632	50%	50%
Mullen Burst	ASTM D-3786	230 psi	1580 kPa
Asphalt Retention	ASTM D-6140	0.24 gal/yd ²	1.1 l/m ²
Endurance			
UV Resistance (% retained @150 hrs)	ASTM D-4355	70%	70%

NOTES:

1. The property values listed above are effective 08/2006 and are subject to change without notice.
2. Values reported in weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.



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