



**PETROMAT**<sup>®</sup> 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<sup>1</sup>.

**PETROMAT 4597** conforms to the property values listed below<sup>2</sup>. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

MARV<sup>3</sup>

PROPERTY	TEST METHOD	ENGLISH	METRIC
<b>ORIGIN OF MATERIALS</b>			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
<b>PHYSICAL</b>			
Mass/Unit Area	ASTM D-5261	4.6 oz/yd <sup>2</sup>	156 g/m <sup>2</sup>
<b>MECHANICAL</b>			
Tensile Strength (Grab)	ASTM D-4632	120 lbs	534 N
Elongation	ASTM D-4632	50%	50%
Asphalt Retention	ASTM D-6140	0.24 gal/yd <sup>2</sup>	1.1 l/m <sup>2</sup>
Melting Point	ASTM D-276	320 °F	160 °C
<b>ENDURANCE</b>			
UV Resistance % Retained at 500 hrs	ASTM D-4355	70%	70%

**NOTES:**

1. Propex suggests that the minimum temperature of the asphalt overlay be 280 °F during installation.
2. The property values listed above are effective 04/2011 and are subject to change without notice.
3. Values shown are 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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[www.geotextile.com](http://www.geotextile.com)

**Propex Operating Company, LLC** · 6025 Lee Highway, Suite 425 · PO Box 22788 · Chattanooga, TN 37422  
ph 423 899 0444 · ph 800 621 1273 · fax 423 899 7619

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