

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 fabric¹.

PETROMAT[®] 4597 conforms to the property values listed below². Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAILAP).

MARV³

PROPERTY	Test Method	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured		100%	100%
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	534 N
Grab Elongation	ASTM D-4632	50%	50%
Asphalt Retention	ASTM D-6140	0.29 gal/yd ²	1.31 l/m ²
Melting Point	ASTM D-276	320 °F	160 °C
ENDURANCE			
UV Resistance % Retained at 150 hrs	ASTM D-4355	70%	70%

NOTES:

- Propex suggests that the minimum temperature of the asphalt overlay be 280 °F during installation.
- The property values listed above are effective 03/28/2017 and are subject to change without notice.
- 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.
- Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.



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