



PETROMAT® 4599 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 4599 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 4599 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).

		MARV ²	
PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
PHYSICAL			
Mass/ Unit Area	ASTM D-5261	3.6 oz/yd ²	122 g/m ²
MECHANICAL			
Grab Tensile Strength	ASTM D-4632	90 lbs	400 N
Grab Elongation	ASTM D-4632	50%	50%
Asphalt Retention	ASTM D-6140	0.20 gal/yd ²	0.90 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:

1. The property values listed above are effective 04/2011 and are subject to change without notice.
2. 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.

