

PETROMAT[®] 4598 is a nonwoven polypropylene and recycled polyester geotextile produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. PETROMAT[®] 4598 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. This product NTPEP approved for AASHTO standards.

PETROMAT[®] 4598 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). This product is NTPEP approved for AASHTO standards.

MARV³

PROPERTY	Test Method	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured		100%	100%
MATERIAL CONTENT			
Polypropylene	-	60% - 80%	60% - 80%
Recycled Polyester	-	20% - 40%	20% - 40%
PHYSICAL			
Mass/Unit Area	ASTM D-5261	4.1 oz/yd ²	139 g/m ²
MECHANICAL			
Grab Tensile Strength	ASTM D-4632	101 lbs	449 N
Grab Elongation	ASTM D-4632	50%	50%
Asphalt Retention	ASTM D-6140	0.20 gal/yd ²	0.91 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. Propex suggests that the minimum temperature of the asphalt overlay be 280 °F during installation.
2. The property values listed above are effective 03/28/2017 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.
4. 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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