



Product Data Sheet

■ FX™-42A/O

Carthage Mills’ FX™-42A/O is a nonwoven geotextile of 100% polypropylene staple fibers that have been needlepunched and heatset, and was designed specifically for asphalt overlay applications.

AASHTO M-288-00: FX™-42A/O exceeds the geotextile requirements for *Paving Fabrics*.

PROPERTY	TEST METHOD	DATA	
		METRIC	ENGLISH
<input type="checkbox"/> Mechanical			
Grab Tensile	ASTM D 4632	512 N	115 lbs
Grab Tensile Elongation		50%	
Mullen Burst	ASTM D 3786	1570 kPa	220 psi
Puncture	ASTM D 4833	289 N	65 lbs
Trapezoidal Tear	ASTM D 4533	200 N	45 lbs
<input type="checkbox"/> Endurance			
UV Resistance	ASTM D 4355	70% @ 500 hrs	
Melting Point	ASTM D 276	> 150°C	> 300°F
<input type="checkbox"/> Physical / Dimensional			
Mass Per Unit Area	ASTM D 5261	140 g/m ²	4.1 oz/yd ²
Thickness (Typical)	ASTM D 5199	0.8 mm	35 mils
Asphalt Retention	ASTM D 6140	1.13 l/m ²	0.25 gal/sy
Standard Roll Sizes / Packaging (Special sizes, packaging and fabrication are available.)	Measured (Typical)	3.81 m x 109.7 m 418 m ² 72.6 kg 30.48 cm diam.	12.5 ft x 360 ft 500 yd ² 160 lbs 12 in. diameter

Unless otherwise noted, all properties reported are Minimum Average Roll Values (MARV), and are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any sample taken during quality assurance testing will exceed the value reported.

The properties reported above are effective 02/01/03 and are subject to change without notice.

Seller makes no warranty, expressed or implied, concerning the product furnished hereunder other than at the time of delivery it shall be of the quality and specification stated herein. Any implied warranty of fitness for a particular purpose is expressly excluded, and, to the extent that it is contrary to the foregoing sentence, any implied warranty of merchantability is expressly excluded. Any recommendations made by seller concerning the uses or applications of said product are believed reliable and seller makes no warranty of results to be obtained. If the product does not meet Carthage Mills current published specifications, and the customer gives notice to Carthage Mills before installing the product, then Carthage Mills will replace the product without charge or refund the purchase price.