



■ FX[®]-40HS Orange

Carthage Mills' FX[®]-40HS Orange is a multipurpose, orange, nonwoven geotextile of polypropylene staple fibers which are formed into a random network, needlepunched and heatset for dimensional stability. Carthage Mills' FX[®]-40HS Orange is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

PROPERTY	TEST METHOD	Typical Values ⁽³⁾	
		METRIC	ENGLISH
<input type="checkbox"/> Mechanical			
Grab Tensile Strength	ASTM D 4632	0.534 kN	120 lbs
Grab Tensile Elongation		70%	
Trapezoidal Tear	ASTM D 4533	0.22 kN	50 lbs
CBR Puncture	ASTM D 6241	1.38 kN	310 lbs
<input type="checkbox"/> Hydraulics / Filtration			
Permittivity ⁽¹⁾	ASTM D 4491	2.4 sec ⁻¹	
Water Flow Rate ⁽¹⁾		7,130 lpm/m ²	175 gpm/ft ²
Apparent Opening Size (AOS) ^(1,2)	ASTM D 4751	0.212 mm	70 US Std. Sieve
<input type="checkbox"/> Physical			
Weight	ASTM D 5261	125.43 g/m ²	4.0 oz/yd ²
Standard Roll Sizes / Packaging / Weight	Measured (Typical)	4.57 m x 109.7 m 501.6 m ²	15.0 ft x 360 ft 600 yd ²

⁽¹⁾ At the time of manufacturing. Handling, storage and shipping may change these properties.

⁽²⁾ Maximum Average Roll Value

⁽³⁾ Values shown are in weaker principal direction. All values are typical based on the testing listed in the table.

- The properties reported above are effective 01-01-2023 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.