



## ■ FX<sup>®</sup>-100PET

Carthage Mills' FX-100PET is a uniaxial high-performance/high-strength woven polyester geotextile that was developed for the most demanding reinforcement applications. FX-100PET is composed of high tenacity, high molecular weight multifilament polyester (PET) yarns that are woven into a stable network placed under tension. FX-100PET is part of the Carthage [FX<sup>®</sup> High-Strength Series](#) of woven geotextiles, is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Values reported are from a lab accredited by a2La (The American Association for Laboratory Accreditation) and Geosynthetic Association Institute – Laboratory Accreditation Program (GAI-LAP).

PROPERTY	TEST METHOD	DATA (Machine Direction)	
		METRIC	ENGLISH
<input type="checkbox"/> <b>Mechanical/Performance/Design</b>			
Wide Width Tensile (at ultimate)	ASTM D 4595	100.0 kN/m	570.8 lbs/in 6,850 lbs/ft
Tensile Strength (at 5% strain)		35.0 kN/m	200 lbs/in 2,400 lbs/ft
Factory Sewn Seam - CD	ASTM D 4884	24.8 kN/m	141.6 lbs/in 1,700 lbs/ft
<input type="checkbox"/> <b>Physical</b>			
Standard Roll Dimensions <sup>(1)</sup> Packaging Weight	Measured (Typical/Estimated)	5.0 m x 100.0 m 500 m <sup>2</sup> 151.95 kg	16.41 ft x 328.1 ft 598 yd <sup>2</sup> 335 lbs
		5.0 m x 300.0 m 1500 m <sup>2</sup> -	16.41 ft x 984.3 ft 1794 yd <sup>2</sup> -

- <sup>(1)</sup> Custom lengths and factory fabricated wide width panels are available by Special Order.
- Unless otherwise stated, all values stated here are Minimum Average Roll Values (MARV).
  - The properties reported above are effective 01-01-18 and are subject to change without notice.

★ Proudly Made in the U.S.A.! ★

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