



■ FX[®]-300PET

Carthage Mills' FX-300PET is a uniaxial high-performance/high-strength woven polyester geotextile that was developed for the most demanding reinforcement applications. FX-300PET is composed of high tenacity, high molecular weight multifilament polyester (PET) yarns that are woven into a stable network placed under tension. FX-300PET is part of the Carthage [FX[®] 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"/> Mechanical/Performance/Design	ASTM D 4595	300.0 kN/m	1,712.5 lbs/in 20,550lbs/ft
Wide Width Tensile (at ultimate)			
Tensile Strength (at 5% strain)		122.6 kN/m	700 lbs/in 8,400 lbs/ft
Factory Sewn Seam - CD	ASTM D 4884	24.8 kN/m	141.6 lbs/in 1,700 lbs/ft
<input type="checkbox"/> Physical	Measured (Typical/Estimated)	5.0 m x 100.0 m 500 m ²	16.41 ft x 328.1 ft 595 yd ²
Standard Roll Dimensions ⁽¹⁾		5.0 m x 200.0 m 1000 m ²	16.41 ft x 656.2 ft 1196 yd ²
Packaging Weight		5.0 m x 300.0 m 1500 m ²	16.41 ft x 984.3 ft 51794 yd ²

- ⁽¹⁾ 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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