

Name: FL10X10pet

Product: TitanTube® Geotextile Tube

Flintex FL10x10pet is composed of high-tenacity polyester (PET) yarns, which are woven into a network in such a manner that the yarns retain their relative position to each other for the high demands required for the TitanTube™, Flint Industries' geotextile tube utilized for coastal protection. FL10x10pet is inert to biological degradation and resistant to most naturally encountered chemicals, alkalis and acids.

Mechanical Properties	Test Method	Unit	Minimum Average Roll Values (MARV)	
			MD	CMD
Tensile Strength (@ ultimate)	ASTM D 4595	kN/m (lbs/in) %	175 (1000) 10	175 (1000) 10
Flow Rate	ASTM D 4491	l/m/m ² (gal/min/ft ²)	975 (24.0)	
Apparent Opening Size (AOS)	ASTM D 4751	mm (US Sieve)	0.15 (100)	
UV Resistance (@500 hrs)	ASTM D 4355	% Strength Retained	70	
Factory Seam Strength	ASTM D 4884	kN/m (lbs/in)	105 (600)	
Mass	ASTM D 5261	g/m ² (oz/sy)	600 (17.7)	
Fabric Weave Style			Rip-resistant	
Selvedge			standard	
Port Connection			Reinforced Radial	
Color			White	

Disclaimer: Flint Industries warrants our fabricated products to be free from defects in material and workmanship when shipped out to our customers and that our products meet our published specifications. Contact Flint at (912) 685-3375 for more information.