



1. Definition

MagnaTex® is a kind of high strength geotextile made from multifilament/monofilament PET or PP yarns. They are resistant to ultraviolet degradation and to biological and chemical environments normally found in soils and could be widely used in the following projects.

Coastal protection / Filtration / Separation
Erosion control / Drainage / Reinforcement etc.

2. Specifications

Properties	Test Method	Unit	MTS-170A
Material	-	-	High tenacity PP yarns
Tensile strength at break (MD)	ASTM D 4595	kN/m	170
Tensile strength at break (TD)	ASTM D 4595	kN/m	170
Elongation	ASTM D 4595	%	35
CBR puncture resistance	ASTM D 6241	kN	21.5
Trapezoid tear strength	ASTM D4533	kN	2.1
Apparent opening size	ASTM D4751	mm	0.43
Permittivity	ASTM D 4491	sec ⁻¹	0.5
Roll width	-	m	5.3
Roll length	-	m	200

The information contained herein is , to the best of our knowledge , accurate in all material respects