



HIGH PERFORMANCE GEOTEXTILES

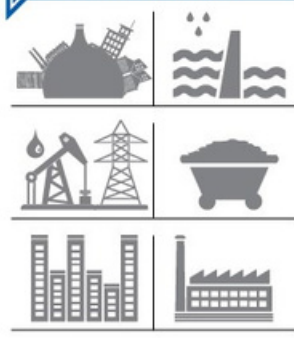


GeoTex DC 10

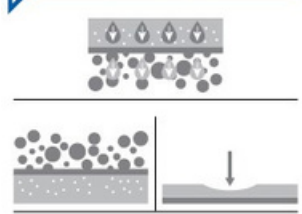
GeoTex geotextiles are high tenacity polyester fibers as non-woven produced which provide biaxial tensile strength and protection.

MECHANICAL PROPERTIES	VALUE	UNIT	TOLERANCE
Tensile Strength (MD) EN ISO 10319	10	kN/m	- 1.5
Tensile Strength (CMD) EN ISO 10319	10	kN/m	- 1.5
Elongation at max. Load (MD) EN ISO 10319	70	%	+/- 24
Elongation at max. Load (CMD) EN ISO 10319	75	%	+/- 26
Puncture Resistance (CBR) EN ISO 12236	1800	N	- 270
Dynamic Puncture (Cone Drop) EN ISO 13433	28	mm	+ 7
HYDRAULIC PROPERTIES			
Water Permeability (VI_{H50} lm².s) EN ISO 11058	75	(m ² .s)	- 22.5
Opening Size (O₉₀) EN ISO 12956	67	µm	+/- 20.1
PHYSICAL and CHEMICAL PROPERTIES			
Thickness at 2 kPa EN ISO 9863-1	1.5	mm	+/- 0.3
Mass Area EN ISO 9864	300	gr/m ²	(+/-30)
Roll Dimension (W*L)		6.5 x 100 m	
Polymer Type		Polyester	

APPLICATION AREAS



FUNCTIONS



* MD: Manufacturing direction
* CMD : Cross manufacturing direction