



HIGH PERFORMANCE GEOTEXTILES

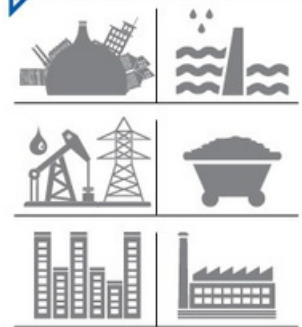


GeoTex DC 4

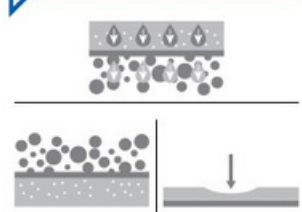
GeoTex geotextiles are high tenacity polyester fibers as non-woven produced which provide biaxial tensile strength and protection.

MECHANICAL PROPERTIES	VALUE	UNIT	TOLERANCE
Tensile Strength (MD) EN ISO 10319	4	kN/m	- 0.6
Tensile Strength (CD) EN ISO 10319	4	kN/m	- 0.6
Elongation at max. Load (MD) EN ISO 10319	75	%	+/- 23
Elongation at max. Load (CD) EN ISO 10319	80	%	+/- 24
Puncture Resistance (CBR) EN ISO 12236	700	N	- 105
Dynamic Puncture (Cone Drop) EN ISO 13433	39	mm	+ 9.8
HYDRAULIC PROPERTIES			
Water Permeability (VI_{H50} l/m².s) EN ISO 11058	125	l(m ² .s)	- 37.5
Opening Size (O₉₀) EN ISO 12956	85	µm	+/- 25.5
PHYSICAL and CHEMICAL PROPERTIES			
Thickness at 2 kPa EN ISO 9863-1	1.00	mm	+/- 0.2
Mass Area EN ISO 9864	150	gr/m ²	+/- 15
Roll Dimension (W*L)		5 * 100 m	
Polymer Type		Polyester	

APPLICATION AREAS



FUNCTIONS



* MD: Manufacturing direction
* CMD : Cross manufacturing direction