



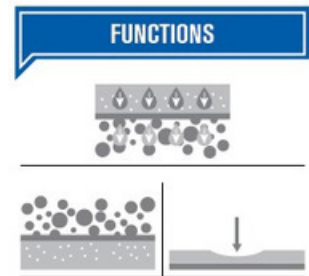
# HIGH PERFORMANCE GEOTEXTILES



## GeoTex DC 16

TechTex geotextiles are high tenacity %100 virgin polyester fibers as non-woven produced which provide biaxial tensile strength and protection.

MECHANICAL PROPERTIES	VALUE	UNIT	TOLERANCE
Tensile Strength (MD) EN ISO 10319	16.5	kN/m	- 2.5
Tensile Strength (CD) EN ISO 10319	16.5	kN/m	- 2.5
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	3100	N	- 465
Dynamic Puncture (Cone Drop) EN ISO 13433	17	mm	+ 4.2
<b>HYDRAULIC PROPERTIES</b>			
Water Permeability EN ISO 11058	50	l(m <sup>2</sup> .s)	- 16
Opening Size (O <sub>90</sub> ) EN ISO 12956	55	µm	+/- 16.5
<b>PHYSICAL and CHEMICAL PROPERTIES</b>			
Thickness at 2 kPa EN ISO 9863-1	2.3	mm	+/- 0.5
Mass Area EN ISO 9864	500	gr/m <sup>2</sup>	-50
Roll Dimension (W*L)		6 * 90 m	
Polymer Type		Polyester	



\* MD: Manufacturer Direction  
\* CMD: Manufacturer Cross Direction