

# ACETex<sup>®</sup>

## PET geotextile

Woven fabric comprised of high tenacity polyester yarns.  
It can be reinforcement, separator and filtration for long-term using.

Item		Unit	Test Method	GT100/50	GT100/100	GT200/50	GT200/200	GT300/50	GT300/300	GT400/50	GT600/50	GT800/50	GT1000/50
<b>Material</b>				PET	PET	PET	PET	PET	PET	PET	PET	PET	PET
Ultimate Tensile Strength, T <sub>ult</sub>	MD	kN/m	ASTM D4595	100	100	200	200	300	300	400	600	800	1000
	CD	kN/m	ASTM D4595	50	100	50	200	50	300	50	50	50	50
Elongation, T <sub>ult</sub>	MD	%	ASTM D4595	10 ± 2	12 ± 2	12 ± 2	12 ± 2	10 ± 2	14 ± 2	12 ± 2	12 ± 2	13 ± 2	12 ± 2
Static Puncture Resistance (CBR)		N	ASTM D6241	8000	9800	9400	15000	11000	20000	12000	-	-	-
<b>Hydraulic Properties</b>													
Permittivity		s <sup>-1</sup>	ASTM D4491	0.05	0.20	0.07	0.30	0.20	0.20	0.15	-	-	-
Flow Rate		L/min/m <sup>2</sup>	ASTM D4491	150	600	210	900	600	600	450	-	-	-
Apparent Opening Size (O <sub>95</sub> )		mm	ASTM D4751	≤ 0.212	≤ 0.425	≤ 0.149	≤ 0.425	≤ 0.212	≤ 0.425	≤ 0.149	-	-	-
<b>Dimensional Data</b>													
Width		m		3.8	3.8	3.8	4.5	3.8	4.5	5.0	5.0	4.5	4.5
Length		m		50/100	50/100	50/100	50	50/100	50	50	50	50	50
Area		m <sup>2</sup>		190/380	190/380	190/380	225	190/380	225	250	250	225	225

Note: The values given are indicative and correspond to a average results attained in our laboratories and in testing institutes. The right is reserved to make changes without notice.  
Any further information needed, please contact ACE.

**Accurate, Collaborative, Efficient**

[www.geoace.com](http://www.geoace.com) • [sales@geoace.com](mailto:sales@geoace.com) • TEL886-4-26595926 • FAX886-4-26595935