

ACETex[®]

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
Material				PET	PET	PET	PET	PET	PET	PET	PET	PET	PET
Mechanical Index Properties													
Ultimate Tensile Strength, T _{ult}	MD	kN/m	ISO 10319	100	100	200	200	300	300	400	600	800	1000
	CD	kN/m	ISO 10319	50	100	50	200	50	300	50	50	50	50
Elongation	MD	%	ISO 10319	10	10	10	10	10	10	10	10	10	12
Static Puncture Resistance (CBR)		N	ISO 12236	8000	9800	9400	15000	11000	20000	12000	-	-	-
Hydraulic Properties													
Permittivity		sec ⁻¹	ISO 11058	0.05	0.20	0.07	0.30	0.20	0.20	0.15	-	-	-
Flow Velocity, V ₂₀ at 5cm water head		ms ⁻¹	ISO 11058	2.50E-03	1.00E-02	3.50E-03	1.50E-02	1.00E-02	1.00E-02	7.50E-03	-	-	-
Apparent Opening Size(O ₉₀)		mm	ISO 12956	≤0.212	≤0.425	≤0.149	≤0.425	≤0.212	≤0.425	≤0.149	-	-	-
Dimensional Data													
Width		m		3.8	3.8	3.8	4.5	3.8	4.5	5.0	5.0	5.0	4.5
Length		m		50/100	50/100	50/100	50	50/100	50	50	50	50	50
Area		m ²		190/380	190/380	190/380	225	190/380	225	250	250	250	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

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