

ACETex[®]

PP geotextile

Woven fabric comprised of durable and high tenacity polypropylene fibers. It can be reinforcement, separator, containment and filtration for long-term as well as temporary structures. ACETex PP geotextile is widely applied to the various domains of civil, marine and environment engineering in virtue of the high chemical and UV resistance.

Item		Test Method	Unit	GT40/40	GT 50/50	GT60/60	GT 70/70	GT70/105	GT80/80	GT120/120	GT175/175	GT200/60	GT200/200
Material				PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
Mechanical Index Properties													
Nominal Tensile Strength	MD	ISO 10319	kN/m	40	50	60	70	70	80	120	175	200	200
	CD	ISO 10319	kN/m	40	50	60	70	105	80	120	175	60	200
Static Puncture Resistance (CBR)		ISO 12236	N	4000	4000	4200	4500	5700	8000	12000	20000	11000	23000
Hydraulic Properties													
Permittivity		ISO 11058	s ⁻¹	0.8	0.8	0.6	0.6	0.4	0.75	0.30	0.40	0.50	0.45
Flow Velocity, V ₂₀ at 5cm water head		ISO 11058	ms ⁻¹	0.04	0.04	0.03	0.03	0.02	0.0375	0.015	0.02	0.025	0.0225
Apparent Opening Size(O ₉₀)		ISO 12956	mm	≤ 0.595	≤ 0.354	≤ 0.425	≤ 0.425	≤ 0.425	≤ 0.425	≤ 0.425	≤ 0.425	≤ 0.149	≤ 0.297
Dimensional Data													
Width			m	3.8 ~ 5	3.8~5	3.8 ~ 5	3.8~5	4.5 ~ 5	4.5~5	4.5 ~ 5	4.5 ~ 5	4.5 ~ 5	4.5 ~ 5
Length			m	50	50	50	50	50	50	50	50	50	50

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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