

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	GT30/30	GT40/40	GT60/60	GT70/105	GT80/80	GT120/120	GT175/175	GT200/60	GT200/200
Material				PP	PP	PP	PP	PP	PP	PP	PP	PP
Mechanical Index Properties												
Ultimate Tensile Strength, T _{ult}	MD	ASTM D4595	kN/m	30	40	60	70	80	120	175	200	200
	CD	ASTM D4595	kN/m	30	40	60	105	80	120	175	60	200
Trapezoid Tearing Strength	MD	ASTM D4533	N	380	500	750	850	1000	1500	2500	3000	2500
	CD	ASTM D4533	N	380	500	1000	2000	1000	1400	2500	900	2500
Static Puncture Resistance (CBR)		ASTM D6241	N	3900	5000	5500	5700	8000	12000	15000	11000	17000
Hydraulic Properties												
Permittivity		ASTM D4491	s ⁻¹	0.50	0.25	0.60	0.40	0.75	0.35	0.40	0.50	0.40
Apparent Opening Size(O ₉₅)		ASTM D4751	mm	≤ 0.212	≤ 0.212	≤ 0.297	≤ 0.425	≤ 0.595	≤ 0.297	≤ 0.595	≤ 0.149	≤ 0.595
Dimensional Data												
Width			m	3.8 ~ 5	3.8 ~ 5	3.8 ~ 5	4.5 ~ 5	3.8 ~ 5	4.5 ~ 5	4.5 ~ 5	4.5 ~ 5	4.5 ~ 5
Length			m	50	50	50	50	50	50	50	50	50
Length			m	100	100	100	100	100	100	100	100	100

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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