

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	Unit	Test Method	GT30/30	GT60/60	GT70/105	GT80/80	GT110/110	GT175/175	
Material			PP	PP	PP	PP	PP	PP	
Mechanical Index Properties									
Nominal Tensile Strength	MD	kN/m	ASTM D4595	30	60	70	80	110	175
	CD	kN/m	ASTM D4595	30	60	105	80	110	175
Trapezoid Tearing Strength	MD	N	ASTM D4533	380	850	850	900	1400	2000
	CD	N	ASTM D4533	380	850	1400	900	1400	2000
Static Puncture Resistance (CBR)		N	ASTM D6241	3900	5000	7550	7000	12000	15000
Physical Properties									
Mass	min	g/m ²	ASTM D5261	160	250	380	270	400	750
Thickness	min	mm	ASTM D5199	0.50	0.60	1.00	0.90	1.10	1.80
Hydraulic Properties									
Permittivity		s ⁻¹	ASTM D4491	0.5	0.8	0.30	1.00	0.35	0.35
Flow Rate		L/min/m ²	ASTM D4491	1500	2400	900	3000	1050	1050
Apparent Opening Size(O ₉₅)		mm	ASTM D4751	0.212	0.300	0.500	0.600	0.212	0.500
Dimensional Data									
Length		m		50/100	50/100	50/100	50/100	50/100	50
Width		m		≥3.8	≥3.8	≥3.8	≥3.8	≥3.8	≥4.5

Note:

1. 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.
2. The maximum width of ACETex[®] can reach 5.2m to meet the requirement from client show on the data sheet is 3.8m which is the cost effective and maximum container loading.

Accurate, Collaborative, Efficient

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