



ACETube®, an edges-and-ends sewn flexible geotextile tube, is integrated with single or multiple pieces of durable and high-strength synthetic tenacity polypropylene or polyester fibers. ACETube® is theoretically applicable to diverse dimensions and can be applied in shoreline erosion control and sludge dewatering system in environment protection.

Product Properties

Mechanical Index Properties	Test Method	Unit	GT50-II PP	GT50-II PP-B	GT70-II PP	GT70-I PP	GT200-II PP	GT250-II PP	GT70-I TA	GT200-II TA
Nominal Tensile Strength - MD	ASTM D4595	kN/m	50	50	70	70	200	250	70	200
Nominal Tensile Strength - CD	ASTM D4595	kN/m	50	50	70	105	200	250	105	200
Elongation at Nominal Strength - MD	ASTM D4595	%	16	15	15	18	20	20	16	16
Elongation at Nominal Strength - CD	ASTM D4595	%	10	10	15	18	15	15	13	15
Static Puncture Resistance (CBR)	ASTM D6241	N	4200	4200	8000	9000	24000	30000	9000	23000
Flow Rate	ASTM D4491	l/m ² /min	2100	3600	1800	1800	1950	1050	1200	600
Apparent Opening Size (O ₉₅)	ASTM D4751	mm	0.425	1	0.6	0.425	0.297	0.6	0.425	0.297
Factory Seam Strength	ASTM D4884	kN/m	25	25	35	70	160	180	50	140
UV Resistance Retained Strength (500 hrs)	ASTM D4355	%	90	90	90	90	90	90	90	90
Dimension		Unit	Value							
ACETube® Circumference		m	4.3 / 8.6 / 17.2 / 21.6 / 25.9 / 30.2							

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Thank you for your interests in our products,
We can customize the product to fulfill different project requirement. If you require more detail information,
please feel free to contact us directly at sales@geoace.com.

We'll be pleased to provide our best assistance.

Accurate, Collaborative, Efficient

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