

STRAW WATTLE

Straw Wattle is an elongated tube of compacted straw and/or other fibers wrapped in UV stabilized degradable tubular polypropylene plastic netting. It is a quick and cost-effective product to contain and treat sediment-laden flow from entering storm systems. When used in channels and highway ditches, these sediment control devices help reduce soil erosion and allow runoff/water to penetrate the fiber while reducing sediment migration.

May 2023		Straw Wattle	
Style	ASTM	Straw Wattle 9-inch	Straw Wattle 12-inch
Material Properties	Mass/Unit Length	Field Measure 3.27 kg/m ± 10% 2.2 lbs/ft ± 10%	5.2 kg/m 3.5 lbs/ft
	Diameter	Field Measure 20-23 cm 8-9 in	26.7-30.5 cm 10.5-12 in
	Length	Field Measure 7.6 m 25 ft	3.08 m (10 ft) 5.5 m (18 ft) 6.09 m (20 ft) Standard Length
	Net Strand Thickness	Field Measure 0.041 cm 0.0165 in	0.04 cm 0.016 in
	Netting Weight	Certified 25 g/m 0.81 oz/yd	37.5 g/m 1.21 oz/yd
	Installed Free-Board Height	Field Measure 14-16.5 cm 5.5-6.5 in	20.3-22.9 cm 8-9 in
	Mesh Opening	Certified 1.27 cm 0.5 in	1.27 cm 0.5 in
	Stretch Width	Certified 31.75 cm 12.5 in	53.3 cm 21 in

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