



**Material and Performance Specification**

**ECWATTLE Sediment Retention Fiber Rolls**

**Description:** ECWATTLES are flexible, cylindrical Sediment Retention Fiber Rolls (SRFRs) comprised of various types of compressed matrices, designed to reduce hydraulic energy and filter sediment-laden stormwater runoff on slopes and in channels. Each pallet is shrink-wrapped and labeled. SRFRs are designed to be used as perimeter controls, slope interceptor devices, check dams, around temporary soil stockpiles, at curb cuts and drain inlets. SRFRs should be installed in accordance to East Coast Erosion Blankets, LLC’s Wattle Installation Guidelines and secured with wooden stakes.

**TYPE: 100% Agricultural Straw** Netting: UV Degradable Polyethylene

	<b>9.0 in (22.9 cm)</b>	<b>12.0 in (30.5 cm)</b>	<b>20.0 in (50.8 cm)</b>
Diameter:	9.0 in (22.9 cm)	12.0 in (30.5 cm)	20.0 in (50.8 cm)
Length:	20 ft (5.08 m)	10.0 ft (2.54 m)	12.0 ft (3.65 m)
Weight $\pm 10\%$ :	57 lbs (25.8 kg)	45 lbs (20.4 kg)	92 lbs (41.9 kg)
Density:	6.45 lbs/ft <sup>3</sup> (103.3 kg/ m <sup>3</sup> )	5.73 lbs/ft <sup>3</sup> (91.8 kg/ m <sup>3</sup> )	3.53 lbs/ft <sup>3</sup> (56.5 kg/ m <sup>3</sup> )
#/Pallet:	11	20	7

100% Agricultural Straw ECWATTLES have been tested by an independent laboratory to have an 83% filtering efficiency.

**TYPE: 100% Aspen Wood Fibers** Netting: UV Degradable Polyethylene

	<b>9.0 in (22.9 cm)</b>	<b>12.0 in (30.5 cm)</b>	<b>20.0 in (50.8 cm)</b>
Diameter:	9.0 in (22.9 cm)	12.0 in (30.5 cm)	20.0 in (50.8 cm)
Length:		10.0 ft (2.54 m)	10.0 ft (2.54 m)
Weight $\pm 10\%$ :	NOT AVAILABLE IN THIS DIAMETER	25 lbs ( 11.4 kg)	45 lbs (20.4 kg)
Density:	NOT AVAILABLE IN THIS DIAMETER	3.13lbs/ft <sup>3</sup> ( 50.14 kg/ m <sup>3</sup> )	2.96 lbs/ft <sup>3</sup> ( 47.41 kg/ m <sup>3</sup> )
#/Pallet:		20	7

**TYPE: Mulch Compost Blend** Netting: Black Polyester

	<b>9.0 in (22.9 cm)</b>	<b>12.0 in (30.5 cm)</b>	<b>20.0 in (50.8 cm)</b>
Diameter:	9.0 in (22.9 cm)	12.0 in (30.5 cm)	20.0 in (50.8 cm)
Length:	20.0 ft (5.08 m)	30.0 ft ( m)	
Weight $\pm 10\%$ :	300 lbs ( 136.3 kg)	960 lbs ( 436.4 kg)	NOT AVAILABLE IN THIS DIAMETER
Density:	15 lbs/ft <sup>3</sup> ( 240.2 kg/ m <sup>3</sup> )	32 lbs/ft <sup>3</sup> ( 512.59 kg/ m <sup>3</sup> )	
#/Pallet:	3	1	

**TYPE: Coir Fiber Rolls** Netting: Organic Coir Twine

	<b>9.0 in (22.9 cm)</b>	<b>12.0 in (30.5 cm)</b>	<b>20.0 in (50.8 cm)</b>
Diameter:	9.0 in (22.9 cm)	12.0 in (30.5 cm)	20.0 in (50.8 cm)
Length:		10.0 ft (2.54 m)	
Weight $\pm 10\%$ :	NOT AVAILABLE IN THIS DIAMETER	70 lbs ( 31.75 kg)	NOT AVAILABLE IN THIS DIAMETER
Density:	NOT AVAILABLE IN THIS DIAMETER	7 lbs/ft <sup>3</sup> ( 112.13 kg/ m <sup>3</sup> )	
#/Pallet:		20	

**TYPE: ECO-LOG Biodegradable Straw** Netting: Organic Jute Material

	<b>9.0 in (22.9 cm)</b>	<b>12.0 in (30.5 cm)</b>	<b>20.0 in (50.8 cm)</b>
Diameter:	9.0 in (22.9 cm)	12.0 in (30.5 cm)	20.0 in (50.8 cm)
Length:		12.0 ft (3.65 m)	
Weight $\pm 10\%$ :	NOT AVAILABLE IN THIS DIAMETER	30 lbs ( 13.61 kg)	NOT AVAILABLE IN THIS DIAMETER
Density:	NOT AVAILABLE IN THIS DIAMETER	4.85 lbs/ft <sup>3</sup> ( 77.62 kg/ m <sup>3</sup> )	
#/Pallet:		10	

Custom lengths on all varieties of above sediment fiber rolls available upon request.



All Value Properties, Test Results and Design Values were derived from independent laboratory testing. East Coast Erosion Blankets, LLC will not be held liable for any type of damage or losses, directly, or indirectly for failure of this product. Current revision supersedes all previous versions.