



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

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 ±10%:	57 lbs (25.8 kg)	45 lbs (20.4 kg)	92 lbs (41.9 kg)
Density:	6.45 lbs/ft ³ (103.3 kg/ m ³)	5.73 lbs/ft ³ (91.8 kg/ m ³)	3.53 lbs/ft ³ (56.5 kg/ m ³)
#/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

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 ±10%:	NOT AVAILABLE IN THIS DIAMETER	25 lbs (11.4 kg)	45 lbs (20.4 kg)
Density:		3.13lbs/ft ³ (50.14 kg/ m ³)	2.96 lbs/ft ³ (47.41 kg/ m ³)
#/Pallet:		20	7

TYPE: Mulch Compost Blend Netting: Black Polyester

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 ±10%:	300 lbs (136.3 kg)	960 lbs (436.4 kg)	NOT AVAILABLE IN THIS DIAMETER
Density:	15 lbs/ft ³ (240.2 kg/ m ³)	32 lbs/ft ³ (512.59 kg/ m ³)	
#/Pallet:	3	1	

TYPE: Coir Fiber Rolls Netting: Organic Coir Twine

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 ±10%:	NOT AVAILABLE IN THIS DIAMETER	70 lbs (31.75 kg)	NOT AVAILABLE IN THIS DIAMETER
Density:		7 lbs/ft ³ (112.13 kg/ m ³)	
#/Pallet:		20	

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

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 ±10%:	NOT AVAILABLE IN THIS DIAMETER	30 lbs (13.61 kg)	NOT AVAILABLE IN THIS DIAMETER
Density:		4.85 lbs/ft ³ (77.62 kg/ m ³)	
#/Pallet:		10	

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

