

# MATERIAL PROPERTY DATA SHEET



## Straw Wattle

Temporary • Degradable • Straw Fiber •  
Sediment Control Device

### DESCRIPTION

Western Green manufactures Straw Wattles which are sediment control logs designed for use in sediment control applications. The Straw Wattles consist of 100% clean, weed free straw fiber matrix confined by a degradable synthetic mesh to form a log of specific length and diameter. Straw Wattles are designed to reduce hydraulic energy and filter sediment laden flow in channels and on slopes. The wattles are flexible to conform to the soil surface and are secured by staking.

Each Straw Wattle is made in the USA and manufactured under Western Green's Quality Assurance Program to ensure a continuous distribution of fibers and consistent dimensions.

#### Material Content

Fiber Fill	100% clean, weed free straw fiber
Outer Mesh	Hecy Duty Synthetic
Configuration	Cylindrical with Closed Ends
End Closure	Hog ring or Tied

#### Specified Expected Values

Diameter	10 ft (3.0 m)	20 ft (6.0 m)	25 ft (7.6 m)
9 in (0.23 m)	14 lbs (6.4 kg)	28 lbs (12.7 kg)	35 lbs (15.9 kg)
	1.4 lbs/ft (2.1 kg/m)	1.4 lbs/ft (2.1 kg/m)	1.4 lbs/ft (2.1 kg/m)
	3.2 lbs/ft <sup>3</sup> (51.5 kg/m <sup>3</sup> )	3.2 lbs/ft <sup>3</sup> (51.5 kg/m <sup>3</sup> )	3.2 lbs/ft <sup>3</sup> (51.5 kg/m <sup>3</sup> )
12 in (0.31 m)	25 lbs (11.3 kg)	50 lbs (22.7 kg)	
	2.5 lbs/ft (3.7 kg/m)	2.5 lbs/ft (3.7 kg/m)	
	3.3 lbs/ft <sup>3</sup> (53 kg/m <sup>3</sup> )	3.3 lbs/ft <sup>3</sup> (53 kg/m <sup>3</sup> )	
20 in (0.51 m)	50 lbs (22.7 kg)	100 lbs (45.4 kg)	
	5.0 lbs/ft (7.4 kg/m)	5.0 lbs/ft (7.4 kg/m)	
	2.4 lbs/ft <sup>3</sup> (39 kg/m <sup>3</sup> )	2.4 lbs/ft <sup>3</sup> (39 kg/m <sup>3</sup> )	



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