

MATERIAL PROPERTY DATA SHEET



Straw Bio Wattle

Temporary • Biodegradable • Straw Fiber • Sediment Control Device

DESCRIPTION

Western Green manufactures Biodegradable Straw Wattles which are all-natural sediment control logs designed for use in sediment control applications. The Straw Bio Wattles consist of 100% clean, weed free straw fiber matrix confined by a 100% biodegradable ring spun cotton mesh to form a log of specific length and diameter. Straw Bio 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 Bio 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	100% Ring spun Cotton, with 1/8 in openings	
Configuration	Cylindrical with Closed Ends	
End Closure	Hog ring or Tied	

Specified Expected Values

Diameter	12 in (0.31 m)	20 in (0.51 m)
Length	10 ft (3.0 m)	10 ft (3.0 m)
Density	2.5 lbs/ft (3.7 kg/m) 3.3 lbs/ ft ³ (53.0 kg/m ³)	5.0 lbs/ft (7.4 kg/m) 2.4 lbs/ ft ³ (39.0 kg/m ³)
Weight	25 lbs (11.3 kg)	50 lbs (22.7 kg)



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