

## Material and Performance Specification American-Made Coir Log 9 lb Density, Natural Net

Description
The coir log shall be a machine-produced log of 100% coir fiber. The interior structure of the coir log shall consist of uniformly machine compressed non-woven coir fiber encased by a tubular woven and knotted natural net with net aperture of 1.5 in x 1.5 in (3.8 x 3.8 cm).

Material Content		
Matrix	100% compressed coconut coir fiber	9 lbs/ft <sup>3</sup> (144.2 kg/m <sup>3</sup> )
Netting	Tubular, machine produced twisted bristle coir net	

Index Property	Test Method	Typical
Density		9 lbs/ft <sup>3</sup> (144.2 kg/m <sup>3</sup> )
Net Thickness	ASTM D6520	>0.25 in (0.64 cm)
Net Grab Tensile	ASTM D4632	100 lbs minimum
Coir Fiber Moisture		15% maximum
Allowable Foreign Material		3% maximum
Permeability	ASTM D2434	> 16.3 cm-sec

Standard Log Specifications				
Designation	08CN9	12CN9	16CN9	20CN9
Diameter	8.0 in (20.3 cm)	12.0 in (30.5 cm)	16.0 in (40.6 cm)	20.0 in (50.8 cm)
Length*	10.0 ft (3.05 m)	10.0 ft (3.05 m)	10.0 ft (3.05 m)	10.0 ft (3.05 m)
Weight ± 10%	31 lbs (14.1 kg)	71 lbs (32.2 kg)	126 lbs (57.2 kg)	196 lbs (88.9 kg)
* Special order size is available in 20 ft. lengths				

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