



# BioD-Roll™ 50

Densely packed coir rolls (logs)

Completely Wildlife Safe!

## Description

This is to certify that the **BioD-Roll™ 50** coir rolls are machine fabricated 20 in (50 cm) diameter cylindrical shape rolls. The 2 in x 2 in (5 cm x 5 cm) knotted outer netting is made of 90 lbs. (400 N) strength machine spun brown bristle coir twines and is packed to 9 lbs/ft<sup>3</sup> density with mattress coir fiber. The outer net will last minimum of 2 years. The filler, mattress coir fiber, will not reduce their volume, but become a part of soil with time. **BioD-Roll™ 50** coir rolls are manufactured to conform to the following properties:

## Specifications

Property	BioD-Roll™ 50
Unit weight	19.4 lbs. /ft (28.9 kg/m)
Density	9 lbs. /cu ft. (144 kg/cu. m.)
Inner core filler	100% coconut fiber (mattress coir)
Roll size	
Length	10 ft (3.05 m)
Diameter	20 in (50 cm)
Outer netting	Brown bristle coir twine
Net openings	2 in X 2 in (5 cm x 5 cm)
Tensile strength / twine	90 lbs. (400 N)

### We recommend using dry coir rolls for effective restoration

Dry coir rolls have more strength and durability than vegetated coir rolls. The high cost of transportation and difficulty in handling the vegetated coir rolls make restoration with vegetated coir rolls more expensive and less practical. High density coir rolls provide stronger support and last longer, allowing sufficient time to establish sustainable vegetation while controlling erosion in the application situation.



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