



Technical Specifications for

Nedia KoirLog™ 12HD
(High Density with Coir Netting)

Nedia KoirLog™ 12HD is a 100% natural coconut fiber log used for shoreline and stream channel applications to dissipate the impact of wave action and flowing water, protect erodible soils and encourage vegetation growth through biotechnical stabilization.

Property	Typical Value	
	English Units	Metric Units
Nominal Diameter	12 in	30 cm
Nominal Length*	10' or 20'	3.05m or 6.10m
Unit Weight	7.0 lbs/ft	10.4 kg/m
Core Density	9.0 lbs/cu.ft	145 kg/cu.m
Wave Height	12 in	30 cm
Water Velocity	8.0 ft/s	2.4 m/s
Outer Netting Material	3 ply coir with 0.40 in. Dia.	3 ply coir with 1 cm. Dia.
Outer Netting Breaking Strength	100 lbs	445 N
Outer Netting Mesh Size	2" x 2" Rhombic mesh with handknotted junctions	
Inner Core	Unsorted, double cleaned, well-graded coir fiber	

*Actual length may be 3" to 6" shorter due to natural shrinkage of coir fiber from moisture loss and other factors.

