



Technical Specifications for
Nedia KoirLog™ 16ND

Nedia KoirLog™ 16ND are 100% is a 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	16 in	40 cm
Nominal Length*	10' or 20'	3.05 m or 6.10 m
Unit Weight	9.0 lbs/ft	14.1 kg/m
Core Density	7.0 lbs/cu.ft	112 kg/cu.m
Wave Height	20 in	50 cm
Water Velocity	12.0 ft/s	3.7 m/s
Outer Netting Material	3 ply coir with 0.40 in. Dia.	3 ply coir with 1 cm Dia.
Outer Netting Breaking Strength	80 lbs	356 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.



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