

# NEDIA ENTERPRISES, INC.

22187 Vantage Pointe Place  
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## Technical Specifications for *NEDIA 12” KoirLog™ (ND Series)*

Product Specification	Typical Value
<i>Diameter</i>	12 in (30 cm)
<i>Unit Weight</i>	5.0 lbs /ft (7.4 kg/m)
<i>Core Density</i>	7.0 lbs /cu.ft (112 kg/cu.m)
<i>Wave Height</i>	12 in (30 cm)
<i>Water Velocity</i>	8.0 ft/s (2.4m/s)

- (1) **Inner Core** shall be 100% unsorted, well-cleaned, coir fiber uniformly distributed along the length of the log. The stuffed density of the coir fiber shall be a minimum of 7 lbs/cu.ft. (112 kg/cu.m.)
- (2) **Outer netting** shall be constructed from 3 ply high strength coir twine or yarn. The netting shall have 2"x2" rhombic openings with hand-knotted junctions. The average breaking strength of the coir twine or yarn shall be a minimum of 90 lbs. Minimum diameter of the coir twine or yarn shall be 3/8 inch.
- (3) **Length** of each log module shall be 20 ft (6.1 m) or 10 ft (3.05 m)
- (4) **Production tolerance** for all the above parameters shall not exceed plus or minus 10%.

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## Technical Specifications for *12" KoirLog™ (HD Series)*

Product Specification	Typical Value
<i>Diameter</i>	12 in (30 cm)
<i>Unit Weight</i>	7.0 lbs/ft (10.4 kg/m)
<i>Core Density</i>	9.0 lbs/cu.ft (145 kg/cu.m)
<i>Wave Height</i>	12 in (30 cm)
<i>Water Velocity</i>	8.0 ft/s (2.4m/s)

(3) **Inner Core** shall be 100% unsorted, well-cleaned, coir fiber uniformly distributed along the length of the log. The stuffed density of the coir fiber shall be a minimum of 9 lbs/cu.ft. (145 kg/cu.m.)

(4) **Outer netting** shall be constructed from a minimum of 3 ply high strength coir bristle twine or yarn. The netting shall have 2"x2" (50 mm x 50mm) rhombic openings with hand-knotted junctions. The average breaking strength of the coir twine or yarn shall be a minimum of 90 lbs (400 N). Minimum diameter of the coir twine or yarn shall be 3/8 inch.

(3) **Length** of each log module shall be 20 ft (6.1 m) or 10 ft (3.05 m)

(5) **Production tolerance** for all the above parameters shall not exceed plus or minus 10%.

**Note:** *KoirLogs are also available in 7 lbs/cu.ft density with high strength coir outer netting (ND series) as well as with polypropylene outer netting (HDP series).*

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## Technical Specifications for *NEDIA KoirLog™ 12 HDP*

Product Name	Diameter	Dry Weight
<i>KoirLog 12HDP</i>	12 in (30 cm)	7.1 lbs/ft (10.5 kg/m)

**(1) Inner Core** shall be 100% unsorted, well-cleaned, coir fiber uniformly distributed along the length of the log. The stuffed density of the coir fiber shall be a minimum of 9 lbs/cu.ft. (144 kg/cu.m.)

**(2) Outer netting** shall be constructed from high strength synthetic (nylon or polypropylene) twine. The twine shall be 2 ply minimum. The netting shall have 2"x2" rhombic openings. The average breaking strength of the synthetic twine shall be a minimum of 225 lbs.

**(3) Length** of each log module shall be 20 ft (6.1 m) or 10 ft (3.05 m)

**(4) Production tolerance** for all the above parameters shall not exceed plus or minus 10%.