

PROTECTING NATURE NATURALLY.





COIR CAN CARE

Coir, the versatile natural fibre has taken its course from India sprawling all around the world in pursuit of new footholds in the soil erosion control industry. Lignin in the coconut fruit coir, when extracted from mesocarp tissue or husk owes to the fortress like robustness of coir.

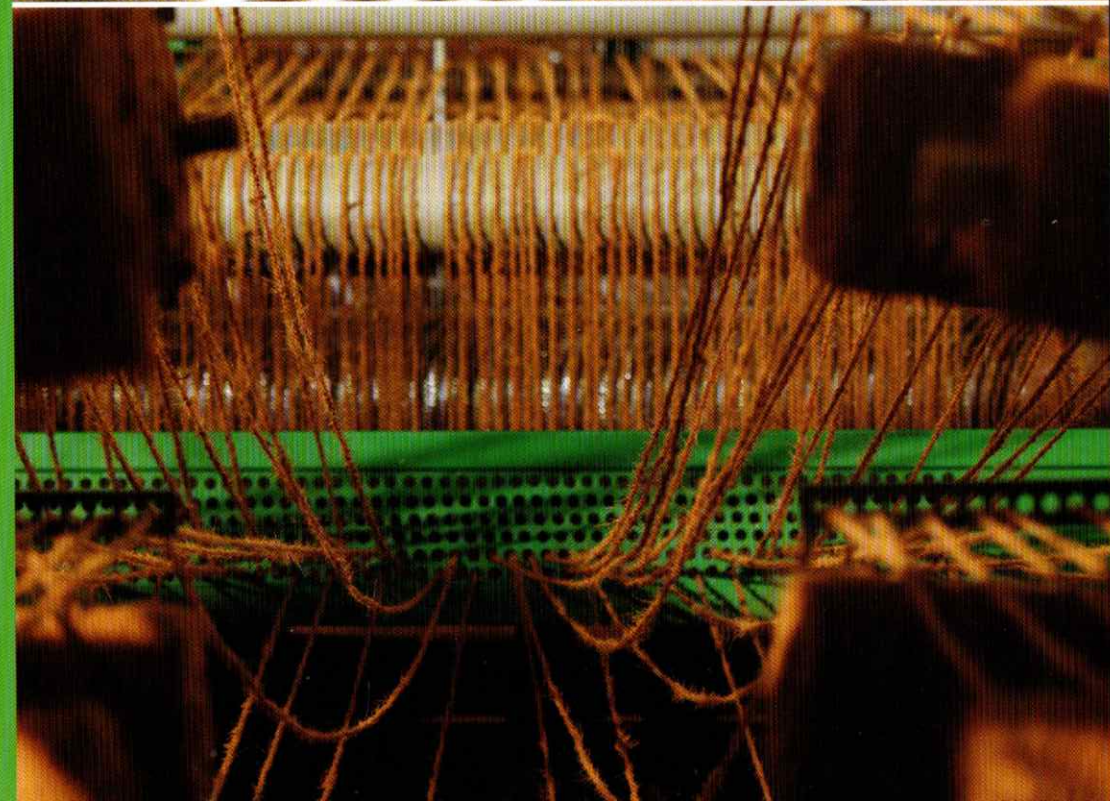
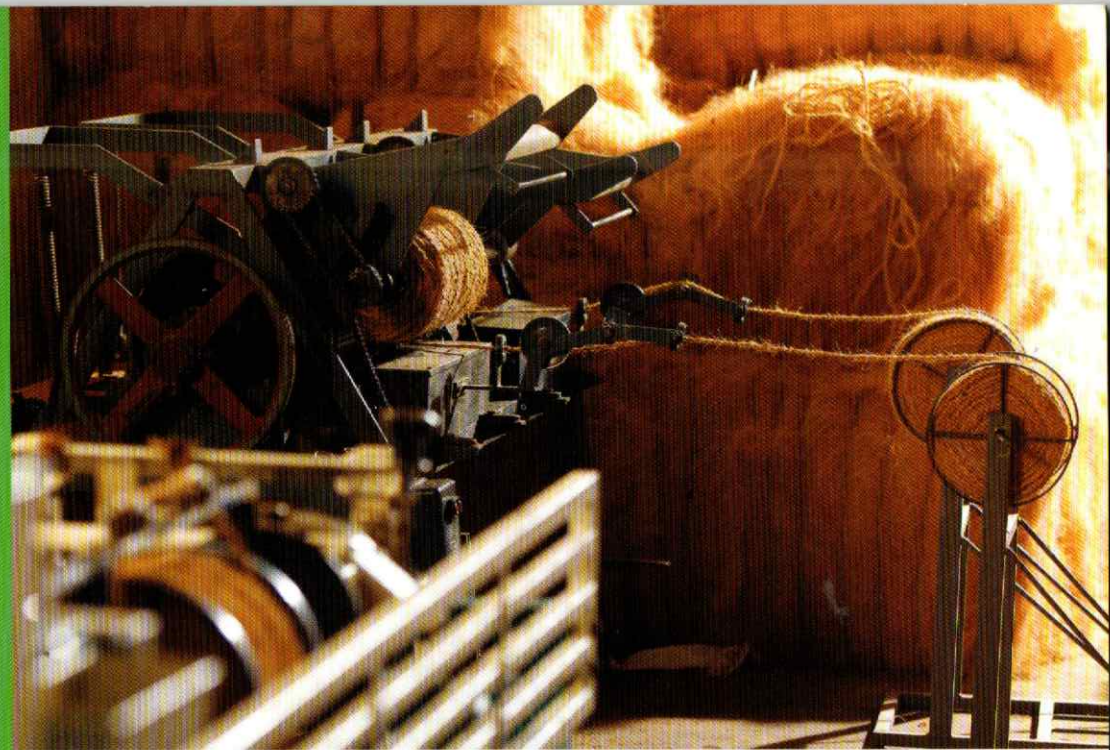
Coir is 100% natural, biodegradable and planet friendly that it can be swiftly woven to make floor covering, horticulture products and soil erosion control products. Extreme endurance and resistance to saline water raises it as a lovely and the most favourite eco-friendly solution.

DIFFERENCE IS QUALITY

We transform coir.

Coir induces us to transcend! 2001 harbingered the origin of JBC International, a leading manufacturer and exporter of coir erosion control and horticulture products. Today, JBC International is renowned and recognized as it performs towards ascending notches higher, exploring new horizons in coir industry. With work stations at Muhamma, Aleppey, Kerala being the melting pot of the traditional handloom and powerloom weaves with inputs of coir mesh, coir logs of various densities and qualities, we meet and surpass international standards in every endeavour.

Delving deep into the sea of knowledge and experience in the coir manufacturing, we produce a range of superior quality products from our production house cum packing facility of around 50,000 sqft. Most of our coir mesh rolls provide high container utility and more storage space being compact and thus can be shipped to destinations around world in a lesser time period. The strongest twines produced in our new machines are our flagship resource to manufacture our coir products. This system give unequalled tensile strength that can let us rise beyond the benchmarks of excellence in terms of the quality for our products.





C4



C7



C9

COIR MESH

Togetherness is strength.

Our Coir Meshes are something that truly stands up to this word. Woven in handlooms and powerlooms in to strong nets of coir is created out of 100% natural coir twines. An effective tool to control soil erosion, Coir mesh holds soil and give ample time for vegetation to grow. Coir mesh enables sedimentation, creates a favourable micro climate to promote growth and decompose slowly to provide prolonged protection. Our Coir mesh is supplied in the form of press bales and rolls which will be packaged in the finest way to reach the destination retaining its original quality.



Thickness	0.76cms	0.76cms	0.76cms
Weight(grms /sq.mtr)	400	700	900
Open Area	64%	50%	38%
Tensile Strength	432 x 138lb/ft	1348 x 626 lb/ft	1647 x 670 lb/ft
Elongation	26% x 38%	34% x 38%	42% x 32%

Applications

Air fields | Dams | Golf courses | Wetland construction | Landscaping
| Mine reclamation | Natural Lakes | River Embankments | Side reclamation

The popular qualities are C4 - 400GSM, C7 - 700GSM, C9 - 900GSM.
We also manufacture qualities like 1000GSM & 1200GSM.

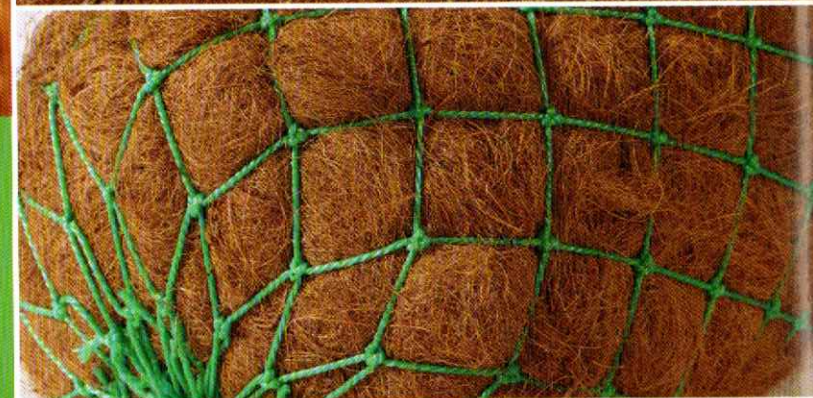
Manufacturing size: 1 - 4 meter width x 25/50meter length.



COIR FIBRE LOGS

Soil bio engineering with coir.

Coir can be used to prevent erosion in stream banks, sediment control barrier and for shoreline stabilization in the form of Coir fibre logs. 100% natural coir fibre forms the core part of these logs which are tightly wrapped in strong 2ply and 3ply knotted nets in tubular casing. It is also available in polypropylene nettings.



Coir logs has the power to protect the shorelines by reducing the strength of waves and safely manage lakeshore. Our machine made coir logs comes with high quality and uniform size. As an ingredient from nature coconut fibre in these logs enable the aquatic vegetation to flourish which eventually blends with the environment. Shoreline protection can be made beautiful by simply placing plants in logs. Coir logs are easy to install and can ideally be used for lakes where water levels and wave action fluctuate.

Our coir fibre logs specifications:

It comes in various diameters like 20,30,40 & 50 cms with 3,4,5,6 meter length.

Applications:

On river banks | Offshore | Wetland stabilization | Protect shore from motor boat movement



COIR LOG PROPERTY

Property	Coir Log 30N	Coir Log 30HD	Coir Log 40HD	Coir Log 50HD
Diameter	12 inches (30 cm)	12 inches (30 cm)	16 inches (40 cm)	20 inches (50 cm)
Weight	5 lbs./ft. (7.5 kg/m)	7 lbs./ft. (10.4 kg/m)	12.4 lbs./ft. (18.5 kg/m)	19.4 lbs./ft. (28.9 kg/m)
Density	7 lbs./ft ³ (112 kg/m ³)	9 lbs./ft ³ (144 kg/m ³)	9 lbs./ft ³ (144 kg/m ³)	9 lbs./ft ³ (144 kg/m ³)
Length	10 feet. (3.05 m)	10 feet (3.05 m)	10 feet (3.05 m)	10 feet (3.05 m)
Outer net	90 lbs(400 N) 2 PLY coir twine net 2 in. x 2 in. (5 cm x 5 cm) openings	90 lbs. (400 N) 3 Ply coir twine net 2 in. x 2 in. (5 cm x 5 cm) openings	90 lbs. (400 N) 3 Ply coir twine net 2 in. x 2 in. (5 cm x 5 cm) openings	90 lbs. (400 N) 3 Ply coir twine net 2 in. x 2 in. (5 cm x 5 cm) openings
Inner core	Coir Fiber	Coir Fiber	Coir Fiber	Coir Fiber



COIR STITCHED BLANKET

Coir Stitched Blanket is made from jute net and cotton thread also with PP Net and PP thread. 100% natural coir (coconut) fibre is sandwiched with photodegradable PP netting or jute netting on both sides. It can be used for slope protection, channel liner, drainage ditch lining and bank stabilization. The product is developed for areas where long term erosion control is needed and where humus needs to be increased in the soil. Often used in arid areas to provide long term soil protection during the 3-5 year revegetation process, also provides permanent support throughout the project's life.

Manufactured sizes : upto 2.4 m width x 25/50 m length rolls

Applications: Slopes 1:1.5, :1 or steeper



COIR LOOP FABRICS

Make the impossible possible.

Coir loop fabrics engage in this part. When vegetation is difficult in certain terrains and erosion is high due to sandy nature this three dimensional mesh comes handy. The loop structure of the fabrics hold the seeds securely in place while entrapping live fragments of upstream vegetation. The biodegradable woven coir 'Loop mat' comes with durability and strength that holds soil in place that is subject to moderate erosion. Coir loop fabrics is easy to use and degrades after 3 years, once the plants have established its roots.

Applications:

- ▮ Protect seeds during rain and other conditions causing erosion
- ▮ Retains moisture and insulates soil, roots etc.
- ▮ Suppress weed growth

Our coir loop fabrics specifications

- ▮ Typically have 9kN/m wet strength
- ▮ Available in various qualities from 900 to 1400gm/sq.mtr in convenient rolls.



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