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## Coir Fiber

We produce the high quality of Coir Fiber in the industry. It is byproducts of coconut. It is extracted from the inner surface of the coconut fruit. The individual fiber cells are narrow and hollow, with thick walls made of cellulose. They are pale when immature but later become hardened and yellowed as a layer of lignin, is deposited on their walls. Mature coir fibers contain more lignin and less cellulose than fibers such as flax and cotton and so are stronger but less flexible. The coir fiber is elastic enough to twist without breaking and it holds a curl as though permanently waved. In a number of domestic as well as industrial applications, the coir fibers manufactured by us are largely used. In the stuffing and puffing of furniture, they are widely utilized for. It is also commonly used in packaging industry for the purpose as the base to safeguard and protect delicate products as coir fibers are perfect shock absorber. Moreover Coir fiber is also used in the processing of handicrafts items and ropes. Besides, we are proud yet again to inform that we are a leading Natural Coir Fiber Manufacturer in the market.



**Coir Fiber-Brown**



**Coir Fiber-Yellow**

### Coir Fiber Specifications:

Color	Coir Fiber-Brown	Coir Fiber-Yellow
Moisture	up to 5%	up to 5%
Impurity	< 3%	< 7 to 9%
Length	5cm to 25cm	5cm to 25cm
Load ability	20 tons in 40 feet HC Container	20 tons in 40 feet HC Container
Bale weight	115kg to 125kg	115kg to 125kg
Packing	Plastic straps	Plastic straps

- All Specifications can be customized as per requirements.
- All dimensions are approximate.

## Coco Peat

Coco peat is a natural fiber made out of coconut husks. The extraction of the coconut fiber from husks gives us this by-product called Coco peat. Coco peat is a 100% natural growing medium. This coco peat dried in the natural sun, are processed to produce different items namely Coco peat block & coco peat briquettes. This block/briquette dissolves easily in water. Coco peat enhances the nutrient carrying capacity of plants. The properties of Coco Peat make it resistant to bacterial and fungal growth. Coco Peat has the ability to store and release nutrient to plants for extended periods of time. It also has great oxygenation properties which is important for healthy root development. Coco Peat also known as Coir Pith, Coir Fiber Pith or Coir Dust.



**Coco Peat-Blocks**



**Coco Peat-Briquettes**

### Coco Peat Specifications:

Product	Coco Peat-Blocks	Coco Peat-Briquettes
Size	30x30x12cm ± 2mm	20x10x5cm ± 2mm
Weight	5kg ± 200g	650g ± 50g
Compression ratio	5 : 1	5 : 1
Electrical Conductivity	0.5ms/cm	0.5ms/cm
pH	5.2 to 6.8	5.2 to 6.8
Expansion	70 to 80 liters	8 to 9 liters
Moisture	10 to 15%	10 to 15%
Load ability	20 tons in 40 feet HC Container	20 tons in 40 feet HC Container
No. of Pallets	20 pallets in 40 ft HC container	20 pallets in 40 ft HC container
No. of pieces/Pallet	220 pieces	2000 pieces
Drying	Sun drying	Sun drying
Packing	Palletized with shrink film	Palletized with shrink film

- All Specifications can be customized as per requirements.
- All dimensions are approximate.

## Coir Rope

The Twisted Coir Rope which is largely in demand is supplied by us is mainly processed from the superior quality coir fibers. Our finest Coconut Coir Rope is generally supplied in the market after undergoing stringent quality check. These coir ropes have long lasting functional life and are very strong. They are also much eco friendly and have no serious effect on the environment. Moreover, our coir rope can be availed at industry leading rates. Besides, we are considered as a prime quantity and quality Natural Coir Rope manufacture and one of the primary suppliers of the same.



**Coir Rope-1**



**Coir Rope-2**

### Coir Rope Specifications:

<b>Diameter</b>	<b>15mm</b>	<b>20mm</b>	<b>25mm</b>
Color	Brown/Golden Brown	Brown	Brown
Moisture	< 15%	< 15%	< 15%
Impurity	< 10%	< 10%	< 10%
Fiber Length	100mm to 200mm	50mm to 200mm	50mm to 200mm
No of Curling	23 curls per Feet	19 curls per Feet	17 curls per Feet
Bundle weight	26kg / bundle	26kg / bundle	26kg / bundle
Bundle size	2ft x 2ft x 2ft	2ft x 2ft x 2ft	2ft x 2ft x 2ft
Load ability	20t per HC Container	20t per HC Container	20t per HC Container
Packing	Plastic straps	Plastic straps	Plastic straps

- All Specifications can be customized as per requirements.
- All dimensions are approximate.

## Grow bag

Coco peat grow bags are used as plant substrates for soil less cultivation, largely used in greenhouses for growing vegetables such as Tomatoes, Paprika, Cucumber, Strawberries and cut flower production (e.g., Carnation, Rose, Lisianthus, Gerberas , Chrysanthemum). We are fully equipped to supply to customers' specific needs in dimensions, expanded volume, as well as physical structure of the product to ensure required water and air holding capacities, part distribution etc



Grow bag



Grow bag with plants

### Grow bag Specifications:

Grow bag	TCP 3MF	TCP 2.5MF	TCP 2MF
Compressed	1m x0.15mx0.04m	1m x0.15mx0.03m	1m x0.15mx0.02m
Expanded	1m x0.15mx0.16m	1m x0.15mx0.14m	1m x0.15mx0.10m
Material	70% cocopeat mixed with 30% short fibre /100% cocopeat		
EC	<1.0 (Testing method-1:1.5)		
PH	6-7		
Compressio	5:1		
Unit weight	3kg (approx)	2.5kg (approx)	2kg (approx)
Packing	U.V Treated (3Years)Poly Bag; Inner black Outer White/Inner & Outer Black		
Loading	370 grow bags in a pallet 22 pallets in 40'HC	420 grow bags in a pallet 22 pallets in 40'HC	460 grow bags in a pallet 22 pallets in 40'HC container
Loadability	7400 grow bags in 40ft HC (Palletized & Stretch)	9240 grow bags in 40ft HC (Palletized & Stretch)	10120 grow bags in 40ft HC (Palletized & Stretch)

- All Specifications can be customized as per requirements.
- All dimensions are approximate

## Husk chips

Coconut husk hold moisture up to 7 times its weight, is durable and is a stable carbon source. Coir husk chips are produced by cutting dry coconut husks into small cube-shaped pieces. Coir husk chips can be added to coir peat to increase the air porosity and water holding capacity. It also has excellent drainage and nutrient holding capacity and is fungi resistant. Coir husk chips are proven as an excellent medium for growing plants like orchids and in hydroponics, soil-less medium growing, mulch and ground covering etc. Coco husk's characteristics like excellent drainage and nutrient-holding capacity help the healthy growth of plants. These absorb up to 10 times their weight in water and retain moisture.



**Husk chips**



**Husk chips blocks**

### Husk chips Specifications:

Product	Coco Husk chips
Size	30x30x10cm ± 2mm
Weight	5kg ± 200g
Compression ratio	5 : 1
EC Washed	0.5ms/cm
pH	5.8 to 6.8
Expansion	60 to 75 liters
Moisture	10 to 15%
Load ability	20 tons in 40 feet HC Container
No. of Pallets	20 pallets in 40 ft HC container
Package options	Clear shrink wrap (single block) Clear shrink wrap (whole pallet)
Drying	Sun drying
Loading	Palletized with shrink film

- All Specifications can be customized as per requirements.
- All dimensions are approximate.