

Ideas to Bloom



Kumaran
F I B R E S





About us

Kumaran Fibres begin with a humble set up in the year 2010, situated at Pollachi in India, a region known for pioneering in coconut cultivation and for producing value added products from the coconut tree. Since then it has been taking its strides with untiring hard work, uncompromising quality and customer satisfaction.

Kumaran Fibres manufactures 100% natural and organic coir products to horticulture, floriculture and the substrates industry. Our Coco peat coir can be used as a growing medium for various nurseries, hydroponic crops, plant propagation, mushroom farming and bedding plants. We use the recent process methods and the machineries with the best raw material available locally to produce different grades of Coir and coco peat products suited for the customer needs.



Our Vision

To be the premier organization operating locally and internationally that provides the complete range of eco-friendly coir products and coconut products to all segments of customers under one tree.



Our Mission

To manufacture and supply quality coir products to the delight of our customers; Educate and empower our employees for a better work environment and life; Build brand strength, establish a competitive advantage and thereby enhance profitability; Utilize the rich eco-friendly coco raw material available locally, value add and in a way contribute to our economy.



Our Values

We strongly believe in our values. Our Values makes us better and proud.

- Endue Employees - We empower our people by constantly training them in new processes and technologies, sharing the goals and direction, valuing their feedback and presenting new challenges and opportunities.
- Process Excellence - Process Excellence by continuous improvement practices, lower operating costs and talent development.
- Nurture Integrity - Integrity in achieving results by meeting the commitments, transparency in operation and building the trust with the customers



Coco peat

Coco peat, a by-product from the process of making coir fiber. The coir dust is washed, heat-treated, screened and graded before being processed into coco peat products of various granularity and denseness, which are then used for horticultural and agricultural applications and also as industrial absorbent.

Coco peat can be used in hydroponic techniques for vegetable crops like Pepper, Tomato, Cucumber, Strawberry, Melon, Watermelon, etc., in Floriculture for rose, gerbera, carnation, orchid, etc., and also for vegetables, citrus, olive, fruit trees in propagation nurseries as well as crops sensible to root asphyxia.

- Composition: 100% coco peat
- Compression ratio: 5:1
- pH: 5.2-6.8
- Washed and Sun dried



Regular 6mm



top soil, seedlings, propagation and animal bedding

Electro Conductivity	0.5 – 1.0 mS/cm
Total Porosity	95 – 98 %
Air Porosity	10– 12 %
Moisture Retention	55 – 60 %
Expansion-water	7-8 litres/kg
Sieve filter	6mm

Regular 8mm



Ideal for small containers (less than 5 litres), it is excellent for vegetables and small fruit in open-topped vessels (pots). It is also perfect for mixing with other substrates to give stability and aeration to the mix.

Electro Conductivity	0.5 – 1.0 mS/cm
Total Porosity	93 – 95 %
Air Porosity	17 – 20 %
Moisture Retention	45 – 55 %
Expansion-water	6-8 litres/kg
Sieve filter	8mm

Regular 12mm



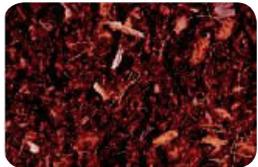
Consists of mix of 30% short fibre and 70% coco peat to enhance aeration. Well suited for cropping in larger containers (> 5 litres). It is also used for mixing with other substrates and also for growing ornamental plants, vegetables and soft fruit in open topped bags.

Electro Conductivity	0.5 – 1.0 mS/cm
Total Porosity	88 – 91 %
Air Porosity	27 – 30 %
Moisture Retention	40 – 45 %
Expansion-water	6-7 litres/kg
Sieve filter	12 mm

Coco Peat Mix

Coco Peat Mix is a composition of coir husk chips and coco peat mix. The mix provides an excellent means of balancing air to water ratio for different applications. This can be used as a soil supplement, potting mix, garden beds, mushroom farming, and golf course turfs. Excellent for growing strawberry, tomato, pepper and melons in controlled environments.

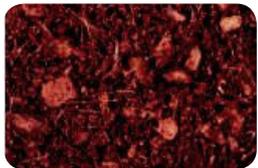
- Weight: 4.5 - 5kg blocks
- Compression ratio: 5:1
- pH: 5.2-6.8
- Breakout volume: 15 liters per kg (approx.).
- Size: 30 x 30 x 12-15 cm



75% CP + 25% Chips

Expanded Vol. (Lts) -75

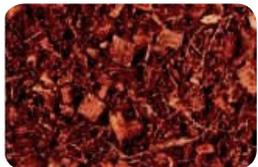
EC - 0.5 – 1.0 mS/cm



50% CP + 50% Chips

Expanded Vol. (Lts) -65

EC - 0.6– 1.0 mS/cm



70% Chips + 30% CP

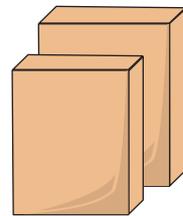
Expanded Vol. (Lts) -60

EC - 0.7 – 1.2 mS/cm

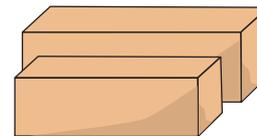


Available Formats

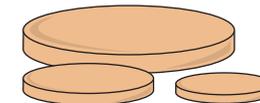
The coco peat, coco peat mix and the husk chips are available in the following forms with us. Apart from this different forms and sizes can be delivered based on the orders.



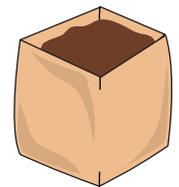
Blocks 5kg



Bricks 650 gms



Disk 15-22 cm



Open bags



Husk Chips

The product is obtained by cutting the coconut husk in pieces of between 6 and 15 mm. Used in substrate mixes and also is ideal as a substrate for epiphytes. Good for use in mixer for plant and it is capable to colonize the chip. It could also be used for mulching, anthurium potting mix, growing orchids, and exotics which prefer very high drainage.

- Available in 4.2 – 4.3 kg blocks
- Breakout volume: 15 liters per kg (approx.).
- Size – 30 x 30 x 15 cm

Coir Fiber Bales

Coir is the outside layer of husk that surrounds the shell of the coconut (*Cocos nucifera*). It consists mainly of fibres, which have traditionally been used to manufacture rope, carpets, doormats, upholstery stuffing, brushes etc.

Brown and white are the two types. Brown fibre which is obtained from mature coconuts is thick, strong and has high abrasion resistance and is used in mats, brushes and sacking. White fibre which is extracted from immature green coconuts are smoother and finer, but also weaker. Generally spun to make yarn used in mats or rope.

We supply coir fibre in the following grades to our buyers. *The below specifications can be customized as per customer requirements.

Color : **Yellow/Golden/Brown**

Fibre Length : **2-25cm**

Moisture : **10-20%**

Impurities : **3-7 %**

Bale weight : **120kg ± 5kg**

Shipment 40' HCC : **21-22 tons**



Curled Coir Ropes



Used for making coir mattress, rubberized coir pads, coir cushions, carpet under lays, seat cushions and insulation of drainage pipes. The coir fibre is elastic enough to twist without breaking and it holds a curl as though permanently waved. Twisting is done by simply making a rope of the hank of fibre and twisting it using a machine or by hand. The Curled Coir Ropes of different diameters can be produced on the curling machine.

Characteristic Features

- High tensile strength
- Great flexibility
- Eco-Friendly
- Resistant to salt water
- Unaffected by moisture and dampness
- Tough and durable
- Cheap enough

Factory Details

Kumaran Fibres is situated in Pollachi, the town nick named as Coconut City, because of its huge cultivation of coconut in the region. Our Factory is 17 kms from Pollachi, situated at the outskirts of Koolanaickenpatti village near Kolarpatti.

Production facility area - **20000 square meters.**

No. of employees - **35**

Daily coco peat productivity - **8 tons**

Daily coir fibre productivity - **5 tons**

KUMARAN FIBRES is registered manufacturer cum exporter of Coir products under the Coir Board, Ministry of MSME, Government of India



100% Organic
Eco Friendly





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F I B R E S



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