

Product Information

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Product bar Code
COIR60010101

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Unleashing Nature's Potential



EASYGROWPREMIUMFIBER®
Coir Fiber

EasyGrowCoirFiber® Coir fiber is extracted out of coconut husk and it is graded depend on the process. Usually Mattress fiber, mixed fiber, omit fiber and Bristle fiber are some of the common grades. This extracted is dried in order to maintain moisture level and go through the quality control to maintain the impurities and other particles. Finally, the fiber is compressed in to bales with plastic strapping to maximize the load ability. Usually each bale would weigh approximately 125 - 150 KG and the load ability will not be less than 18MT in a 40 HC container.

Highly used in:

- To manufacture sleeping mattresses
- To produce car seats and upholstery industry
- To produce erosion control products
- To produce yarns and ropes
- Use in sound and heats resistance applications
- Other industrial applications Bristle Fibre

The stiff, straight and long strands of fiber are termed bristle fiber or brush fiber. The immature husks are kept in a water-filled pit for 2 to 6 months. During this time, microorganisms break down the plant tissues surrounding the fibbers and loosen them a process known as retting. Then long fibbers are separated by milling process and subsequently dried and cleaned. The brown fiber is the outcome of seasoned coconuts which have lost their green color (>12 months) in the process. Depend on the combing; we have categorized the fiber as 1 Tie, 2 Tie and 3 Tie fibers. The brown fiber could be converted in to white or black fiber after the chemical (bleaching) treatment. These types of fiber are widely used, and each has its own distinct types of applications. Apart from the color, we could cut the fiber in to different sizes. Such as 12cm, 15cm, 17cm, 18cm etc.

Main use of bristle fiber:

- Production of Coir Twine
- Brush, Broom, Banister and Tamashii Industry
- Potting Mixes/Growing Media
- Manufacture of special filters
- Solidification of the structure of fibre mixtures in the mattress manufacturing Machine

Twisted Fiber (FMT) Twisted Coir is made from 100% Mattress Fiber or Mixed Fiber and several mixes of Bristle Fiber. Twisting is done mechanically is called (FMT) Fuehrer Machine Twisted fiber. The proportions of fiber used for twisting varies according to buyers' requirements. We have a range of Twisted Coir, which is made utilizing matured brown coir fiber that is sourced from the fibrous cover of coconut. The range is processed in an utmost manner in order to make it free from any impurities to produce many products. Such as rubberized coir pads, mattresses, carpet underlay's, coir cushions, seat cushions, coir cushions and for the insulation of drainage pipes. It is picked in coils of 30 kg or in various weights.

Most importantly, the natural coconut fiber has the most ideal softness that complies with the natural growth requirement. Machine Twisted Fiber is available in different mixtures such as.

- 100% Bristle Fibre Twisted
- 100% Omit Fibre Twisted
- 100% Mattress Fibre Twisted
- 50% Omat Fibre and 50%Mattress Fibre Twisted
- 60% Omat Fibre and 40% Mattress Fibre Twisted Machine Twisted Fibre is produced with as requested by the buyer.