



SUSTAINABLE COCO BASED PRODUCTS

Pure Organic & Multi-purpose

Community empowerment

Environment sustainable substrate

Alternative growth medium to soil

First women-only factory in Sri Lanka

WHO WE ARE

Authentic Lanka Exports (Pvt) Ltd - ALE, is a company that supports sustainable farming by involving communities and promoting social inclusivity. We follow the best industry practices and have a range of eco-friendly and ethical businesses including tourism, event management, digital marketing, retail, and agriculture. Our first agriculture project took place in Andarawewa Suriyawewa, Hambanthota, in the southern part of Sri Lanka.

We're a social entrepreneurship group that concentrates on exports sector. Our goal is to aid Sri Lanka's export plan by creating Coconut Fiber, Coco Peat, and Coir products.

These items are great for various uses like large-scale farming, gardening, and both home and industrial greenhouses.



WHAT MOTIVATES US?

We are a diversified business entity with environment friendly ethical business practices operating across verticals covering agro tourism, communications, retail and agriculture.

Our business model intends to create an international market for the local coconut produce with economic, social & environmental sustainability.

Our mission is to contribute to worldwide food security by offering a sustainable resource that boosts crop growth and offers an eco-friendly option for seed growth and strong plant roots. Coco peat saves money because it holds water well and is biodegradable. Coir fiber is also valuable in homes and gardening due to its strong yet flexible nature, affordability, and eco-friendliness.



OUR PRODUCTS

COCO PEAT BRICK /BRIQUETTE

Great for planting seeds and repotting at home. This brick is made entirely from natural materials, ensuring it's eco-friendly. It works well as a base for potted plants, garden beds, and balcony plants.



Material	100% Coco Peat/Mix with Coco chips
Block Size	As per the buyer's preference
Compressed	7:1
Weight	Can customize as your requirement
Moisture	Below 22%
E.C	<700mS / cm below (1: 5 Dilution)
PH Level	5.5-6.8
Expansion Vol.	8 - 9 litres

ELECTRICAL CONDUCTIVITY

The material can be processed and its electrical conductivity (EC) can be adjusted according to what customers need.

PACKAGING DETAILS

Normally, each piece is wrapped separately and labeled, either with a colorful label or without. We also offer packaging that is UV-treated polythene. If you prefer, the briquettes can come without any packaging in cartons. Additionally, we can provide packs of 3 or 5 pieces in polybags, packed in cartons or on pallets.

UTILIZATION 40 FT HC

1944 pieces per Pallet. 20 Pallets in a 40 HC container. Total pieces 38,880
Upto 25 tons per 40ft HC.

COCO CHIPS/PEAT 5KG BALE

(COMPRESSED BRICKS)



COCO CHIPS BALE



COCO PEAT BALE

One of our well-known products is the Coir 5 Kg compressed brick. This product is quite popular and made entirely from coir pith most of the time. It serves as an excellent growing medium for a wide variety of crops. Additionally, this brick can also be used to improve soil quality by mixing it with nutrient-deficient soil. In simpler terms, this compressed brick made from coir pith is used for both growing plants effectively and enhancing the quality of less nutritious soil.


When the percentage of pith, which is the central, spongy tissue in plant stems, increases, the porosity (openness) of the material decreases. This results in less available space for plant roots to grow and for air to circulate.

If the percentage of coir fiber, which comes from coconut husks, is high, it supports good root growth and allows for good air circulation. However, the material's ability to retain water decreases.

Despite these considerations, the manufacturer is willing to create products with different combinations of materials and sizes based on customer requests.

The fiber length used in these products is between 50 and 200 mm. Typically, a mixed fiber bale weighs about 130 kg and has dimensions of 90 x 50 x 75 cm.

The applications of these materials include their use in the bedding industry for making spring mattresses, as well as in horticulture for creating basket liners, tree mats, and coco-poles.



Material	100% Coco Chips (10c)/Coco Peat/ Mix Fiber Bricks (Dry)
Block Size	30x30x17cm (+/-2cm)
Compressed	5:1
Weight	4.8kg (+/-0.2kg)
Moisture	Below 22%
E.C	700 - 1500mS / cm (1:5 Dilution)
PH Level	5.5 - 6.8
Expansion Vol.	50 - 60 liters per block (Subject to change with raw material)

ELECTRICAL CONDUCTIVITY

The material can be processed and its electrical conductivity (EC) can be adjusted according to what customers need.

PACKAGING DETAILS

Normally, each piece is wrapped separately and labeled, either with a colorful label or without. We also offer packaging that is UV-treated polythene. If you prefer, the briquettes can come without any packaging in cartons. Additionally, we can provide packs of 3 or 5 pieces in polybags, packed in cartons or on pallets.

UTILIZATION 40 FT HC

You can fit 4,480 blocks into a 40FT HC Container, which is spread across 20 pallets. The total weight is around 23 tons. The 5kg bale can be made from either Coco Peat or Coco Chips, or a mix of both, depending on what the customer needs.

COCO PEAT 25KG BALE



Coco peat bales, also called coir pith or coir dust, are made from processed coconut husks with the long fibers removed. A 25 KG coco peat bale is lightly compressed for easy loosening. It expands quickly due to a compression ratio of 2:1. These bales have low EC and minimal salt content. We create tailored orders using various coco peat and coco husk blends.

Material	100% Coco Peat
Block Size	30 x42x80 (+/- 2cm)
Compressed	3:1
Weight	25kg (+/- 2kg)
Moisture	45 - 50 (Buyers request can be arranged)
E.C	700 - 1500mS / cm (1:5 Dilution)
PH Level	5.5 - 6.8
Expansion Vol.	170-180 litres

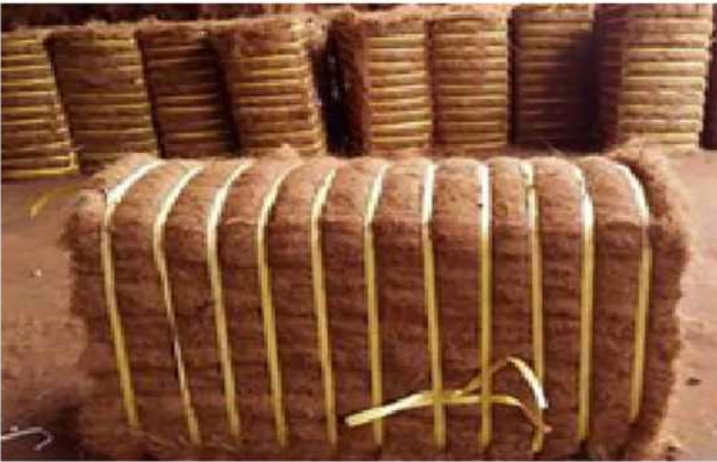
APPLICATION

- Potting mix
- Soil Condition
- Soil Substitute



COMPRESSED COIR FIBRE BALE

At Tropical Green, we create mixed fiber that has specific qualities like length, color, and texture.



Material	100% Coir Fibre
Colour	Brown
Fibre Grade	Mix Fibre
Bale Weight	125 - 150Kg
Moisture	Below 20%
Coco Peat Content	Less than 2%
Total Weight	18.5 MTs (+/300kg)
Packaging	Bailing with plastic strapping
Utilization 40 ft HC	154 Bales-Floor loading

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APPLICATION

Raw material for Automobile Upholstery (Car Seats/Dashboard), Geo-Textile,

Coir Spring Mattresses

Furniture

Erosion control and Drainage Filtering and much more.



GROW BAGS

(OPEN GROW BAGS/STANDARD GROW BAGS)



The coir grow bag, also known as the compressed coir Bale, is our most well-known product worldwide. Our Product range includes a wide range of grow bags for green houses, soilless growing medium, grow bags for home gardens and Our Grow Bags are particularly suitable for growing hydroponic crops indoors or in a greenhouse.

We offer coco slabs and grow bags that come in three different materials: high-quality buffered coco, washed coco, and normal coco peat. We can tailor these grow bags to meet our clients' specific requirements. This includes adjusting the size of the coco grow bags and changing the composition of the materials within the bags (Coir pith, Coir chips, Fine dust) according to the client's preferences. If you're interested, you can reach out to us for a quote on a personalized coco grow bag.

Material 100% Coco Peat or 100% Coco chips or mix with coco chips & peat

(Particle size and mixing ration can be change as per the buyer's requirement)

Block Size As per the buyer's preference

Weight 0.90KG E.C 700 - 1500mS / cm (1:5 Dilution)

PH Level 5.5 to 6.8

Moisture Below 20%

Utilization 40 ft HC 28400

*Note - All specification can be change with buyer's preference



Offered in various options to match your greenhouse or horticultural needs.

Bags come with the choice of having pre-cut planting and drainage openings, designed for your convenience.

These bags are straightforward, opening from the top.

They are compressed, lightweight, and simple to transport and store & can be used for multiple rounds of cultivation, making them perfect for producing clean plants.



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OUR VALUE PROPOSITION

Srilanka's first women only operated factory to produce quality coco husk based raw material

Whilst

Encouraging women employment and social inclusivity in the economic value chain of creating an international market for the local coconut based export products.



OUR IMPACT

We incorporate our values across our company, offering jobs to the local community. We particularly emphasize skill development, well-being, hygiene, and education & also Uplifting the livelihood of work workforce and the local community will be an integral part of our value system.



Providing facilitating rural youth's access to technology to enhance employability

Development of computer skills from early childhood



Expanding opportunities through access to information & knowledge

Monk sermon program and alms offering



Distribution of educational equipment to students in Sooriyawewa area

WHY CHOOSE AUTHENTIC LANKA EXPORTS

Sri Lanka stands as the world's 4th largest coconut producer, over 80% of the coconuts are grown in small farms, which leads to minimal use of chemicals like insecticides and fertilizers.

This results in an organic harvest.

The core values of our company do stand for uplifting the livelihood of rural families in deep south of Sri Lanka by incorporating them in the economic value chain and paving way for female employment and also provide Raw material to end products with competitive prices.

We're flexible in creating solutions that cater to each client's needs, making the process smooth. We handle branding, logistics, and order tracking with ease. Our bags are biodegradable, maintaining the 100% organic aspect. We collaborate with industry experts, associations, and adhere to industry standards.





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