

MAYA DASHT SAMAN

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Exporter of greenhouse equipment and agricultural supplies



Introduction

Maya Dasht Saman was registered in 2020 under number 566670 (Tehran Companies Registry) is a member of Tehran Chamber of Commerce and an importer and supplier of greenhouse construction and operation equipment. Maya brand was registered in 2022 in the General Directorate of Trademarks and Geographical Indications under number 458830. This company is ready to enter into a contract with all greenhouse manufacturers and greenhouse owners in the field of supply and import of required items.

Products



- Greenhouse film
- Greenhouse floor covering
- Agriculture film
- Mulch
- Stretch sillage
- Growbag
- Shade net
- Anti insect net
- Greenhouse twine and Baler Twine
- Different types of irrigation tapes
- Irrigation pipes
- Flexible pipes
- Irrigation
- Greenhouse structure and fittings
- Fan & Pad Cooling system
- Spring lock wire
- Rack & pinion
- Polyster wire
- Seed trays
- Plastic pots
- Yellow & blue sticky cards & rolls
- Greenhouse solution
- Stringe hook
- Body clips
- Cluster hook
- Flexible cluster
- Strawberry seedling clamp
- Shading clips and Plastic clamp
- Perlite
- Cocopeat & Cocochips

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Greenhouse film

Covering is one of the main components of a greenhouse, so it should be selected very carefully. Our greenhouse covering film comes in 3 layers and meets the European standards and Iranian standards.

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Specifications

Width : 8,10,12,14,16 meter

Length : 50 meter

Anti UV changes from 5 and 8 and 10

Different types of additives EVA, Anti Fog, IR based on customer inquiry



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Greenhouse floor covering

Covering the floor of a greenhouse with a suitable material is crucial, and one excellent option is the Greenhouse Floor Covering. For indoor use, the White Lined Ground Cover stands out as an ideal choice.

Specifications

Width: 3 & 4 m

Length per roll: 100 & 120 m

Anti UV: %3

Weight per M2: 135gr

Weight per roll: 55kg

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Agriculture film

Agricultural film is a type of wide, thick, and transparent plastic that is produced of polyethylene.

of the most useful plastics produced. Unlike other films produced; In addition to packaging, agricultural plastic is also used to perform other tasks such as maintaining soil quality, providing suitable environmental conditions, etc

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Specifications	The unit	3% anti - UV masterbatch	5% anti - UV masterbatch	8% anti - UV masterbatch	10% anti - UV masterbatch
Thickness	Micron	180-200		220	
Width	Meter	8-10-12-14 16-18-20			
Length	Meter	50	—	—	—
Color	—	Green		Transparent	
Guarantee	Month	—	18	24	30
Additives	—	—	EVA Anti Virus	EVA-Anti Drip IR-Anti Virus	—



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Mulch

Mulch film is a vital innovation in contemporary agriculture, mainly utilized to boost crop yields and manage soil health.

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Specifications

Roll width: 60 cm

Roll length: 1000 meters

Roll weight: 25 to 30 kg

Roll thickness: 20 to 200 microns

(according to customer requirements)



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Stretch sillage

Silage stretch film is a specialized plastic film that is crucial for preserving and maintaining the quality of silage, a vital feed source for livestock.

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Technical Datasheet of Stretch Film			www.mayadasht.com/en		Silage Film
Test (Unit)		Values (Listed by Film Thickness)			25 Micron
		Reference Methods	Unit	17 Micron 23 Micron	
Density		ASTM D1505	gr/cm	0.918 0.918	0.98
Yield Strength	MD	ASTM D882	MPA	8.1 8.6	8.8
	TD			8 8.5	8.6
Tensile Strength at Break	MD	ASTM D882	MPA	47 45	45
	TD			22 21	32
Elongation at Break	MD	ASTM D1525	%	360 450	650
	TD			640 720	750
Dart Drop Impact		ASTM D1709	gr	140 155	200
Elemendorf Tear Strength	MD	ASTM D1922	g/25 mic	130 150	170
	TD			500 550	570
Puncture Resistance		Sabic Method	j/mm	75 80	90
Haze		ASTM D1003	%	2 2	1
Glass at 60°		ASTM D523	%	85 85	62
Width			cm	10-1600 10-1600	50 & 75
Core Size			inch	1,2,3 1,2,3	3



Silage Stretch film	width cm	length m	external Diameter	weight kg	thickness	core weight
FILM	50	1800	26 cm	22.5	25 mic	1050 g
FILM	75	1500	24 cm	28.150	25 mic	750 g



Growbag

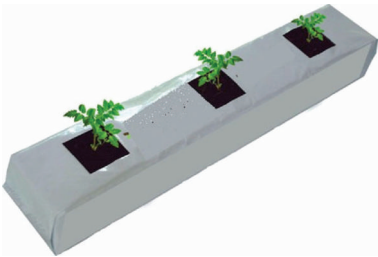
A growbag is a planter containing a growing medium, typically used for cultivating plants such as tomatoes or other salad crops.

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Specifications

Growbag size	40×50	25×110	40×110	25×30	35×110	25×35	30×40	35×40
Diameter	40 cm	25 cm	40 cm	25 cm	35 cm	25 cm	30 cm	35 cm
Height	50 cm	110 cm	110 cm	30 cm	110 cm	35 cm	40 cm	40 cm
Quantity per kilogram	22 pieces	13 pieces	9 pieces	63 pieces	63 pieces	55 pieces	35 pieces	32 pieces



Shade net

Shade nets are essential tools in modern agricultural practices, particularly for greenhouse cultivation.

Specifications

Mesh size: %30 , %50 , %60 %80 , %90

Color: green, white, cream

width: 2, 3, 4, 6 , 8 , 10 meter

Length : 50 and 100 meter

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Anti insect net

Anti-insect nets are utilized to safeguard greenhouses from insect infiltration and are available in various mesh sizes.

Specifications

Mesh: 40-50

Width: different Widths

Length: 100-200 meter

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Greenhouse twine

our product is Polypropylene and is used to bind and attach the plant to the top wire to prevent products such as tomatoes, beans, cucumbers, and peppers from bending down during growth.

Specifications

Color: Green, White, Blue and...

Weight: 500g/700g/1kg and 5kg

Length of each roll: From 700m up

Anti UV: 3% And at the customer's request

These technical specifications can be adjusted and changed according to customer orders.

Baler twine

Consists of compressed bundles of materials such as paper, wheat sacks, or fodder, shaped into squares or circles by farmers or machines known as balers. These rectangular or square bundles are secured with durable threads or ropes referred to as baler twine.

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Different types of irrigation tapes

Drip irrigation is the most efficient system for delivering water and nutrients directly to a plant's root zone, ensuring optimal growth by providing the right amounts at the right time.

Specification of swen tape

Thicknesses (mic)175

Diameter :16.5 - 17 (mm)

length:1000 meter

Distance of drippers: 10cm,20cm,30cm

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Specification of plate tape

Thicknesses: 150-200 mic

Diameter: 16 mm

length: 2000 meter

Distance of drippers:10,15,20,25 cm



Irrigation pipes

In modern agriculture, drip irrigation has become an extremely popular technique for growing all types of plants. This irrigation system is based on the use of special pipes that enable the precise distribution of the water across the plants, guaranteeing an efficient irrigation and reducing the amount of water wasted.

These pipes are made with high quality materials, like low density polyethylene (LDPE) or cross-linked polyethylene (PEX), which provides excellent strength and durability.

The main advantages of drip irrigation piping include its easy installation and versatility.

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Polyethylene Pipe Sizes

½ inch (20 mm)

¾ inch (25 mm)

1 inch (32 mm)

1¼ inch (40 mm)

1½ inch (50 mm)

2 inch (63 mm)

2½ inch (75 mm)

3 inch (90 mm)



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Flexible pipes

Flexible pipes are made of polyethylene, which has fibers of polyester thread, which gives strength and long life to the pipes.

Polyester threads in these tubes have a high density and are located in the middle part and make up about 16-19% of the weight of the tube.

Also, polyester thread is used in its structure to increase strength. This type of pipe is very light and flexible and is a very suitable alternative to polyethylene pipes, and by using it, the cost of implementing irrigation projects is greatly reduced. This product is packaged and supplied in a folding coil.

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Dripper

Drip irrigation is a highly efficient agricultural technique that optimizes water usage by delivering it directly to plant roots, minimizing evaporation and waste.

Type	Fixed and variable flow
Fixed outlet flow rate	2 – 4 – 8 liters per hour

The height of the Angled Drip Emitter Stakes rods is 13.5 cm

Filtration

Filters are essential devices that remove solid particles from liquids, including drinking water and wastewater. In drip irrigation, filters prevent clogging of nozzles and hoses by eliminating unwanted solids. Various filtration methods, such as granular media bed filtration, cartridge filters, and disc filters, are employed to separate suspended particles from the water.

More complete information about filters will be sent upon request.

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Irrigation

Irrigation fittings are vital for efficient water distribution in irrigation systems, with types including three-way fittings, knee fittings, interface fittings, and pocket-type corks.

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Greenhouse fittings and profiles

Mayadasht Company offers tailored solutions for greenhouses, including specific profiles, covering options, and connection systems designed to meet customer needs.

We are able to produce all types of fasteners and connections that are suitable for greenhouse construction. These products include greenhouse column caps, lamp brackets, and greenhouse H-profiles. Our experts can send you more complete information if you need it.

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Fan & Pad cooling system

Fan & Pad Cooling system typically include exhaust fans located at one end of the greenhouse and a pump that circulates water through and over a porous pad installed at the other end of the greenhouse.

Fan specifications

fan 140, 3 blades, 5 blades and 6 blades

fan 100, 5 blades and 6 blades

Orbit fan 80

Orbit fan 130

Circulating fan Diameter 40

Cooling Pads

The pads must cover the entire wall length where airflow occurs. Different materials affect performance; for instance, cellulose pads support higher airflow rates compared to aspen pads.

Pad specifications

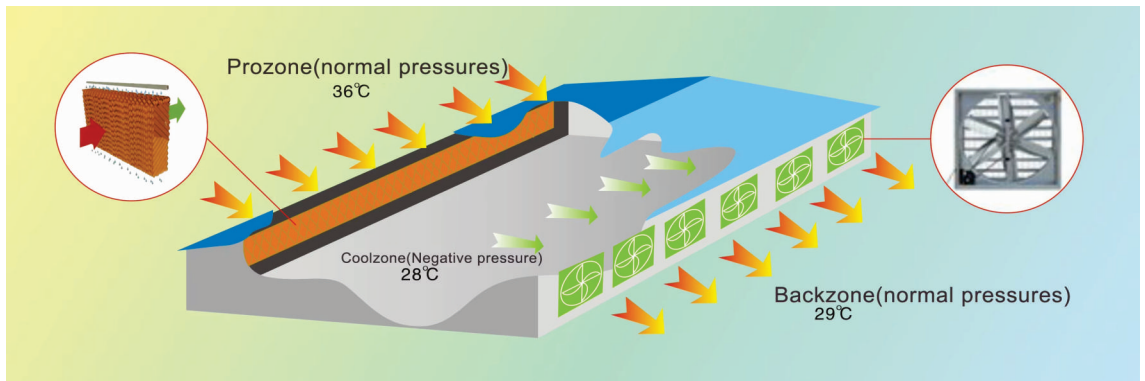
Cellulose pads in sizes 10, 15 and 20 cm

Antibacterial and dust-reducing

At heights of 100, 120, 150, 180, 200 cm

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Spring lock wire

The greenhouse zigzag spring and aluminum lock profile provides a quick and secure way to install polyethylene plastic, ensuring a stable hold through continuous connection to the greenhouse structure.

Locking specifications

Thickness: 0.7 and 0.8 mm

Length: 5 and 6 meters

Material: Galvanized

Spring specifications

Spring thickness including coating: 2.8 mm

Branch length: 2 meters

Material: Coated wire

Locking is cut into different lengths upon customer request

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Rack & Pinion

The Greenhouse Rack and Pinion System is an essential mechanism used in modern greenhouse ventilation, enabling efficient and automated control of ventilation windows.

Rack specifications

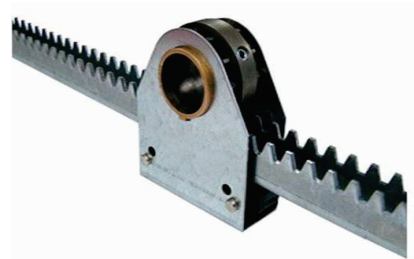
length	120 cm
type	Curve/Smooth
Maximum power	450 Newtons
Thickness	2.5 mm
Sheet type	Galvanized Z260

Pinion specifications

material	Powder metallurgy
Diameter	34.5 mm
material	Brass bushing
material	Galvanized sheet
Feature	Resistance to rollers

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Polyster wire

Selecting the right support materials is essential for structural integrity and optimal growing conditions in greenhouses. Specifically designed polyester wire is one of the most efficient and resilient options for greenhouse agriculture.

Specifications

Material: Polyester and polyethylene

Thickness : 2,2.2,3,3.5,4 Millimeters

Weight per roll : 10 kg

Length per kilogram based on size 2.2 :
190 meter

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Seed tray

A seed starting tray is a gardening tool specifically designed to hold multiple seeds, starting from the germination stage, until the seedlings are ready for transplantation.

Type A specifications

Material: High Impact Polystyrene

Color: Black

Number of holes: 15, 28, 36, 40, 45, 60, 70, 72, 84, 105, 112, 128, 162, 200, 210

Type B specifications

Volume (cc)	Depth (mm)	Lower Diameter (mm)	Diameter	Outer size 54*28 cm	Sell	Material
84	55	30*36	48*54	5*9	45	Hymepack
54	62	22	41	6*12	72	Hymepack
27	50	17	33	7*15	105	Hymepack
19	42	14	29	8*16	128	Hymepack
14	40	13	24	9*18	162	Hymepack
11	40	11	22	10*20	200	Hymepack

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Plastic pots

Plastic pots are one of the best-selling types of pots due to their lightness, variety of colors and beauty, as well as their low price.

Specifications

Color: All colors (from transparent to black)

Size: 8, 10, 12, 14, 16 and...

Type: Jelly, Plastic

These technical specifications can be adjusted and changed according to customer orders.

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Yellow and blue sticky cards and rolls

The yellow insect-attracting glue has two main properties for capturing insects:

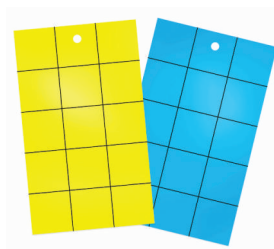
Color Attraction: Its yellow hue (530 to 580 nm) draws insects in.

Sticky Surface: The adhesive traps and kills them.

Made from shiny PVC plastic, these cards are washable and reusable.

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Insect repellent card specifications

Dimensions: 24 * 10 cm

Color: Yellow, Blue and Black



Insect repellent roll specifications

Width: 15 and 30 cm

Length: 100 meters

Color: Yellow, Blue and Black



String hook

A plant support hook or hanging hook is used in a greenhouse to raise and lower the plant.

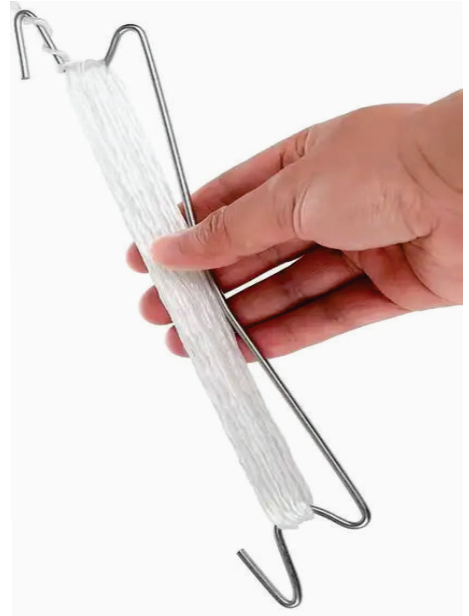
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Specifications

Material: Polymer and metal

The polymer type is produced in various colors and the galvanized type is produced with a thickness of 3 mm in single and double groove types.



Body Clips

Body Clips facilitate quick, practical,
and easy installation, surpassing
traditional growing methods.
Curved, plant-friendly design
Fast and practical installation
Strong resistance and grip strength

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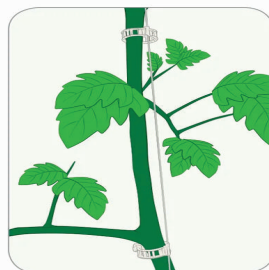
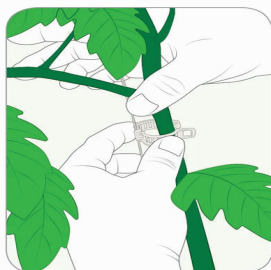
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Specifications

Material: Polymer

Diameter: 23, 25 and 27 mm

Color: transparent, white and brown



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Cluster Hooks

Cluster Hooks are engineered to bear the weight of heavy fruit clusters, preventing them from bending or breaking the plant's stem.

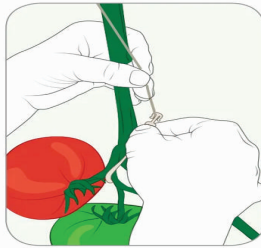
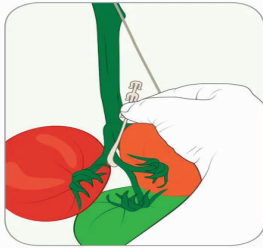
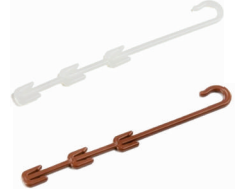
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Specifications

Material: Polymer

Color: Transparent, white and brown



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Flexible Cluster

Flexible Cluster Supports; provide a healthy grow for tomato flowers and prevent the breaking of tomato clusters by supporting them on the late periods.

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Strawberry seedling clamp

Strawberry seedling clamp, simple, accurate and faster than ever
With the strawberry seedling clamp, each sprout is planted at a standard distance and depth.

Specifications

Material: Polymer

Length: 56 cm

Width: 10 cm

Color: Red

Quantity in carton: 5000 pcs

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Shade net clips

Our black round and rectangular plastic awning net clips make it easy to secure awning fabric, sunshade, bird netting, and garden netting.

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Plastic clamp

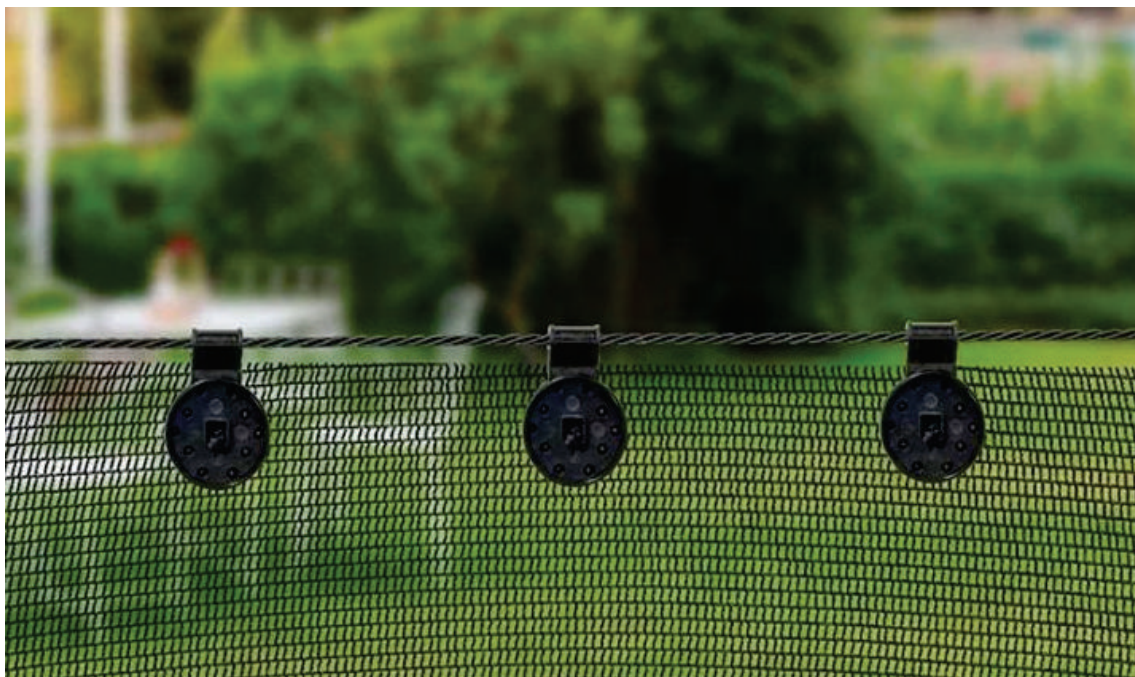
Used to install plastic on the greenhouse body.

Specifications

Opening diameter: 2, 2.5, 3, 4 and 6 cm

Material: polyethylene

Contains anti-UV materials



Perlite

This natural mineral and soil amendment helps circulate air between the roots for strong, healthy plants, and it has many benefits for houseplants as well as outdoor plants.

Specifications

Color: White

Graining: 0-1, 1-3, 3-5, 5-7 mm

Specific weight: 120 kg/m³

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CocoPeat

Coco peat is an organic medium made from coconuts, frequently used in both hydroponics and seed sowing mixes.

Coco Chips

Coconut husks are chipped into small sized chips called Coco Chips. Coco Chips are added to potting soil or mixed with Coco Peat to regulate the aeration of growing medium and maintain the ideal air to moisture ratio for the plant roots.

Specifications

Country of manufacture: Sri Lanka and India

Number per package: 1, 2 and 4 trays

Ph level: 5.5 to 6.5

Salinity level: less than half

Weight per tray: 5 kg

Number of trays per pallet: 224 (Indian) and 256 (Sri Lankan)

Graining: Fine, Medium and Cocochips

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Cocopeat: A
Sustainable
Alternative



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