



Custom Bagasse (Sugarcane)

What was considered a waste during sugar production is now outperforming cardboard as a more sustainable packaging material. **Bagasse is the fibrous residue obtained after the juice is extracted from sugarcane stalks**, which means two products in one process!

Bagasse is made of **100% sugarcane pulp and is completely compostable**. It won't pile on dumpsites for decades or poison our oceans. It is acquired in large quantities in countries like Thailand, China, Vietnam, and Brazil, where sugar production is generally high.

Bleached / unbleached Bagasse pulp is manufactured in a **totally environmentally aware manner from a renewable resource**, which when made into paper, reduces the demand for trees significantly. Our bagasse pulp is ECF and Soda Pulp which gives its own outstanding properties for **smoothness, stiffness, opacity and bulkiness**, and also requires less energy to meet desired drainage and strength.



Why it's so good for your company?



Completely compostable

Both home and industrially compostable, sugarcane packaging lowers waste in landfill & protects forests.



Space-saving

Being nestable and stackable reduces storage costs as much as 70%.



Lower energy-related emissions

Bagasse Sugarcane is a by-product and requires less time & energy in the manufacturing process.



Custom designed for your product

Our expertise allows us to create a unique brand experience shaped to your specifications.



Durable Material

Bagasse provides superior shock and vibration cushioning to ensure your product is protected while also being microwavable and freezer safe.



Versatile material

Bagasse can be utilised to package a variety of items from tech, agriculture, gift, body & food products.





How much does it cost?



One Time Tooling Costs

To design and create a custom Bagasse mould for your product, there are initial tooling costs involved that can vary from \$4k USD upward, depending on complexity.



Prototype & 3D Sample Prints

A 3D PLA sample print costs between \$150-300 AUD per piece. A moulded Bagasse sample is also available and will be quoted separately.



Minimum Order

The MOQ (Minimum Order Quantity) for Bagasse is 1000 units. Producing 5000 units or more will give you the best price point.



Positive ROI

Once you have your mould made, you can produce Bagasse with a low cost-per-unit.

How long does it take?

Mould concept & design

From 10 to 30 business days.

Prototype 3D Print

From 5 to 15 business days after payment, + shipping.

Mould Mass Production

30 business days after payment.

Packaging Production

30 business days after payment + shipping.

Important

Moulds are paid 100% upfront. For the cost per unit, a 50% deposit is made before production and 50% on delivery.

Bagasse Home Composting Test



Day 1



Day 15



Day 30



Day 45

Standard Quality of Eco-Bleached Bagasse Pulp

Pulp Sheet Moisture	12 - 15 %
Bale Weight (Single Bale Packing)	250 Kgs
Pulp Sheet Size	70 x 80 cm
Brightness	80 % ISO (minimum)
TAPPI Dirt Count	10 mm ² / m ² (maximum)

