

# PRODUCT CATALOGUE

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# ACUFLEX

SUSTAINABLE PACKAGING SOLUTIONS

[info@acuflex.global](mailto:info@acuflex.global) | [www.acuflex.global](http://www.acuflex.global)

# HOW CAN WE SOLVE THE PLASTIC PROBLEM?

- ✓ The production, usage, and disposal of plastic contributes to carbon emissions.
- ✓ Every 1000 tonnes of plastic waste in landfills releases about 3000 tonnes of carbon dioxide equivalent (CO<sub>2</sub>) greenhouse gas emissions that contribute to climate change. You can now save this 3000 tonnes of carbon footprint by consciously shifting to more eco-friendly and sustainable products.
- ✓ Acuflex Global makes eco-friendly living easy, so everyone can shift to a more conscious lifestyle.
- ✓ By reusing products, we reduce the amount of single-use plastic that ends up in landfills.
- ✓ By recycling, we contribute to a zero waste, circular economy.
- ✓ By reducing our usage of single-use plastic, we leave behind no carbon footprint and no harmful microplastics and toxic residues.



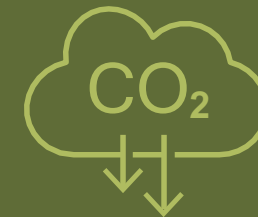
**400m tonnes**

of plastic used globally  
in the year 2021

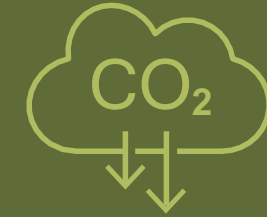


**2 billion**

greenhouse gas  
emissions every year  
due to plastic



**Per ton of plastic  
=  
3 tonnes of Co 2**



**1000 tonnes of plastic  
=  
3000 tonnes of Co 2**

# 100% COMPOSTABLE PRODUCTS

OUR ANSWER TO SINGLE-USE PLASTIC



# OUR 100% COMPOSTABLE PRODUCTS

Our 100% home compostable products are made out of plant/bio-based materials and are 100% plastic-free. They are the perfect replacement of single-use plastic as they causes zero-waste pollution and are made using natural renewable resources and materials, reducing the carbon footprint.



Compostable and Biohybrid resin



Grocery bag & t-shirt bag



Garbage bag



Mailer bag



Fruit and vegetable bag roll



Pet waste bag



Courier bag



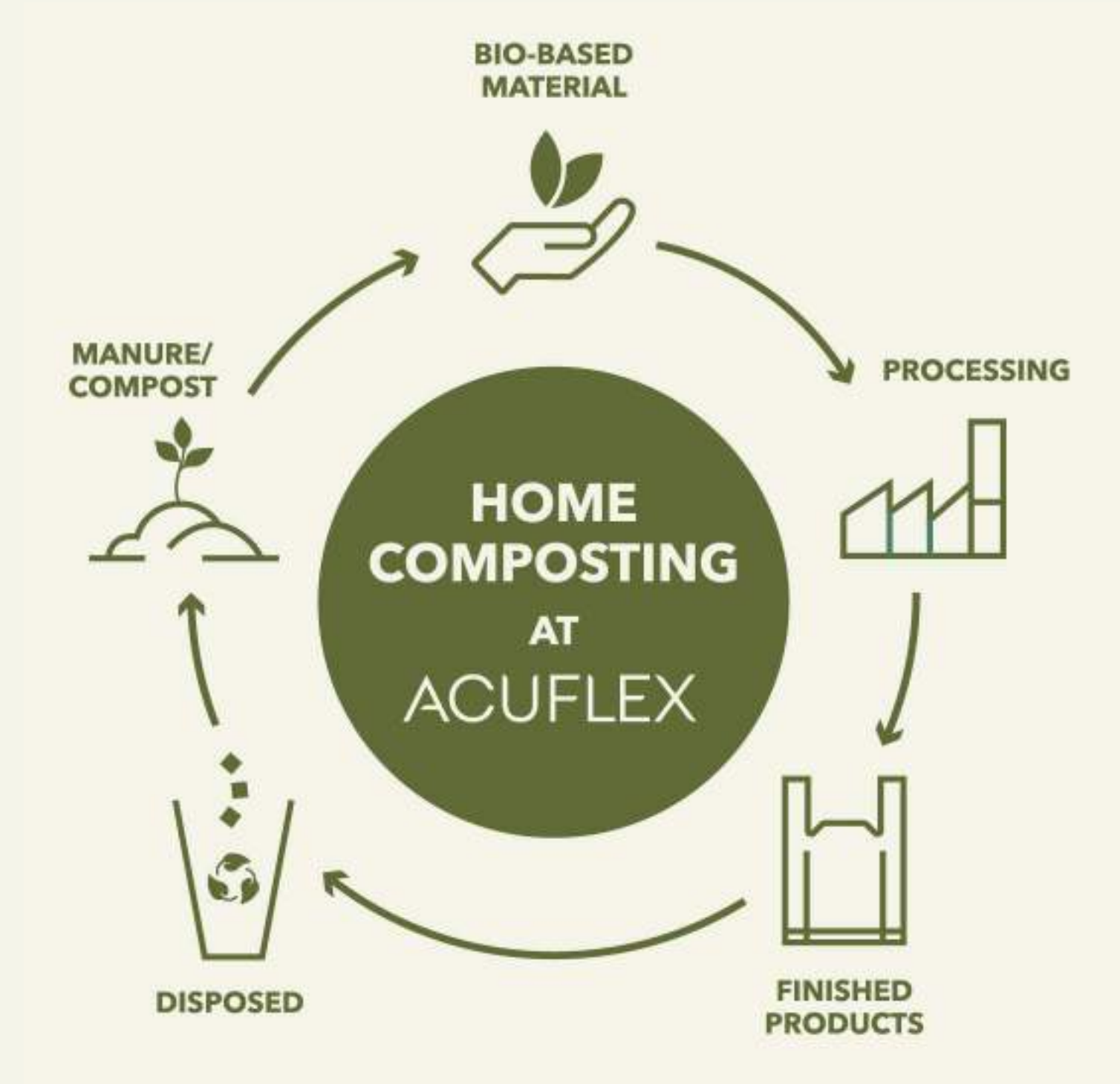
Specimen bag



# THE COMPOSTABLE PRODUCT LIFE CYCLE AT ACUFLEX

## Home composting and its features:

- Compostable products are made out of plant/bio-based materials.
- When decomposed it produces a nutrient-rich soil as a result of the breakdown of organic waste in home compost bins or your backyard.
- The entire process is environment-friendly as it does not use much energy or chemicals as used in the manufacturing process.
- 100% eco-friendly, organic, vegetable and plant based, zero waste solution.
- Fully compostable within 180 days (6 months) in compost condition.
- The products are made from natural renewable resources such as vegetable and plant based rather than from non-renewable resources such as petroleum based plastic, therefore leaving a lower carbon footprint.
- Looks and feels like traditional plastic but is 100% compostable.
- Products are of high quality, durable and reflect craftsmanship.



## Compostable and Biohybrid resin

Resin is a solid substance of plant or synthetic origin that is typically convertible into polymers such as PP. We supply different grades of resin ranging from food grade, bio-hybrid, home compostable and industrial compostable.



## Grocery Bag & T-shirt Bag

An environment-friendly replacement for your grocery shopping bags or for daily use.





# Garbage Bag

These garbage bags are leak-proof, lightweight and do not let the waste flow out. It can be used in the kitchen, office, warehouse, pantry, etc.



# Mailer Bag

These mailer bags are versatile, economical and favoured for their tamper-proof functions for shipping of various everyday products.



# Fruit & vegetable bag roll

These bag rolls hold self-serve items such as fresh fruits and vegetables. They are 100% food grade and non-toxic.



# Pet Waste Bag

A compostable bag for the disposal of your pet waste.





# Courier Bag

A tamper-proof bag that allows items to be packaged and delivered safely.



# Specimen Bag

A bag made for the medical and healthcare facilities to hold and transport specimens for their laboratories. The tamper-evident adhesive tape attached to it is also compostable.



**ECO-FRIENDLY &  
SUSTAINABLE BABY DIAPERS,  
PANTS, SANITARY PADS,  
& PANTY LINERS**

ENVIRONMENT-FRIENDLY PRODUCTS





### Our product features:

- OEKO-TEX® STANDARD 100 and OK-biodegradable certified, the top-sheet wicks moisture away quickly and is ultra soft, silky and gentle on the skin.
- FSC Certified® and totally chlorine-free, the absorbent core locks away moisture and keeps the surface dry.
- The breathable back-sheet allows fresh air to circulate and keep baby's skin dry.
- The Aloe liner made of 50% Vitamin E and 50% Aloe-Polysaccharides nourishes the baby's skin, and prevents any nappy rash
- All products are made in a way to ensure a better fit and increased comfort.
- All materials used are 100% sourced from sustainably managed forests.
- All products are 100% certified.



Baby Diapers



Baby Pants



Sanitary Pads



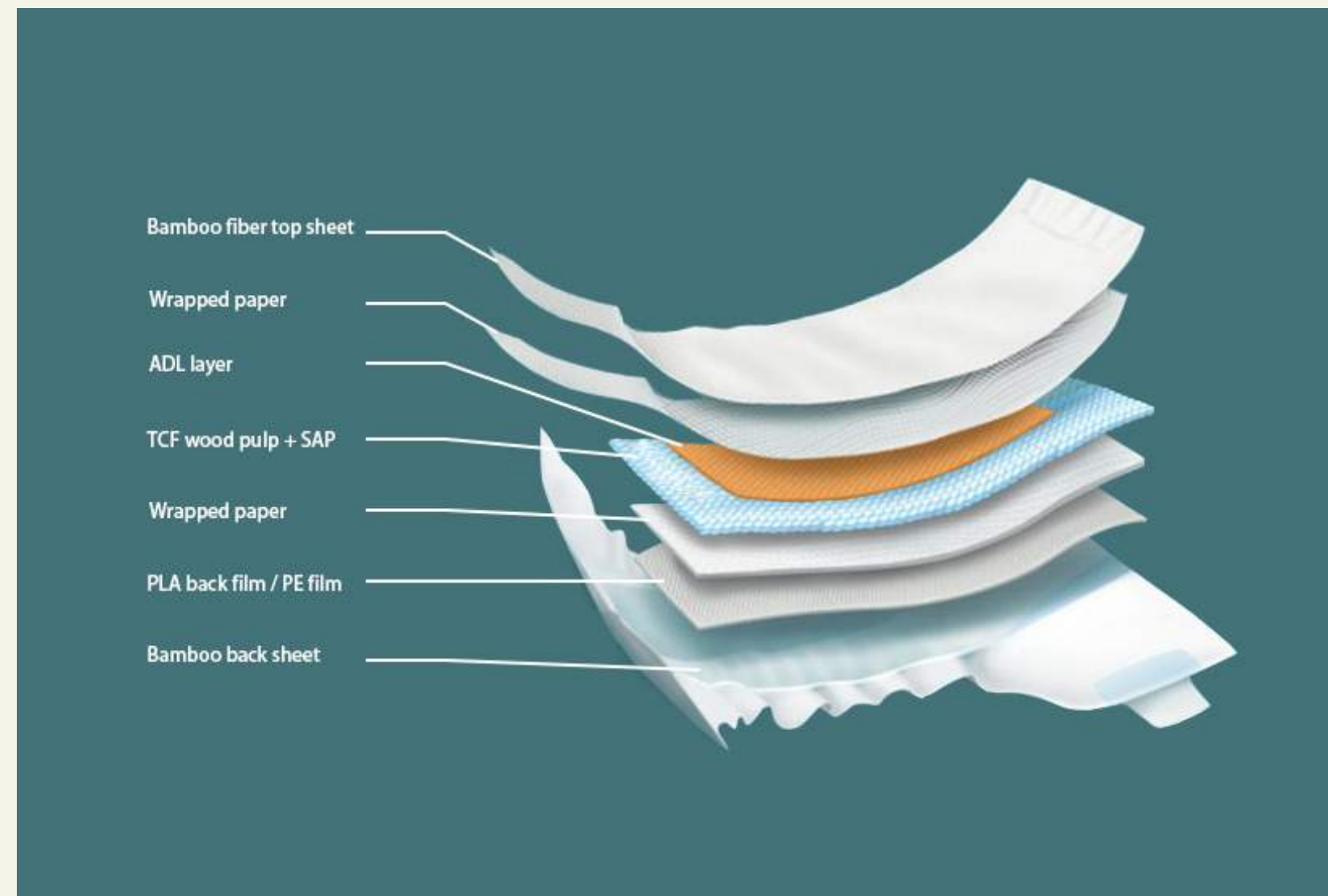
Panty Liners





# Baby Diapers

1. Elastic side panel
2. 100% biodegradable bamboo
3. Super absorbency
4. Aloe liner
5. Elastic waist band
6. Breathable back-sheet
7. Wetness indicator
8. 100% compostable PE bag + colourful carton



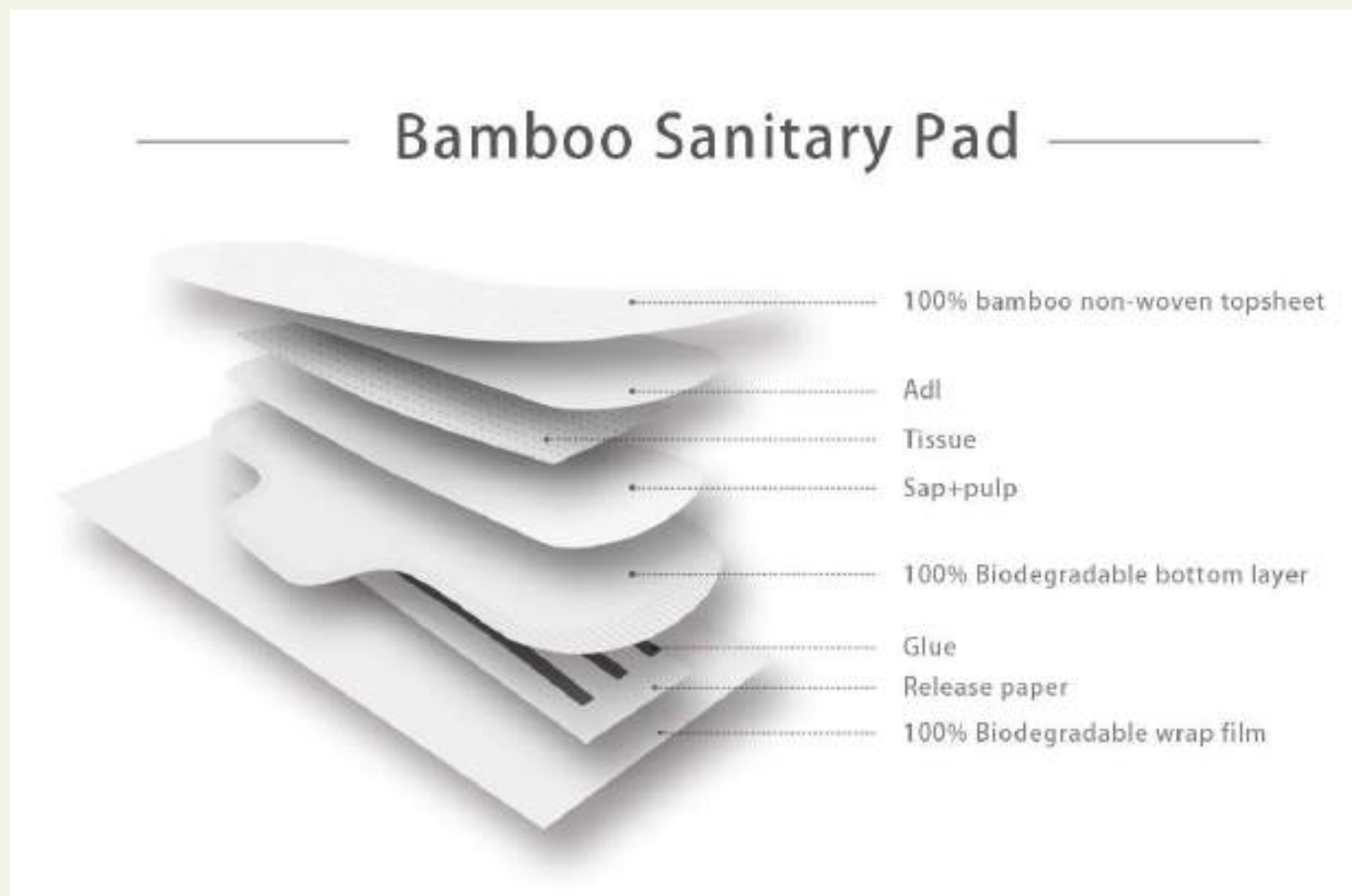
# Baby Pants

1. 100% biodegradable bamboo fibre top-sheet and back-sheet
2. Super absorbency.
3. 3D leakage let cuff
4. Elastic waist band
5. Breathable back-sheet
6. Aloe liner



# Bamboo Sanitary Pads

1. Surface-bamboo non-woven
2. ADL
3. SAP +pulp
4. Release paper
5. Biodegradable film
6. PE wrap



# Bamboo Panty Liners

1. Surface-bamboo non-woven
2. Airlaid paper
3. Release paper
4. Sticker
5. PLA biodegradable film
6. PLA biodegradable pack film



# **WATER-SOLUBLE BAGS**

AN INNOVATIVE ALTERNATIVE  
TO SINGLE-USE PLASTIC

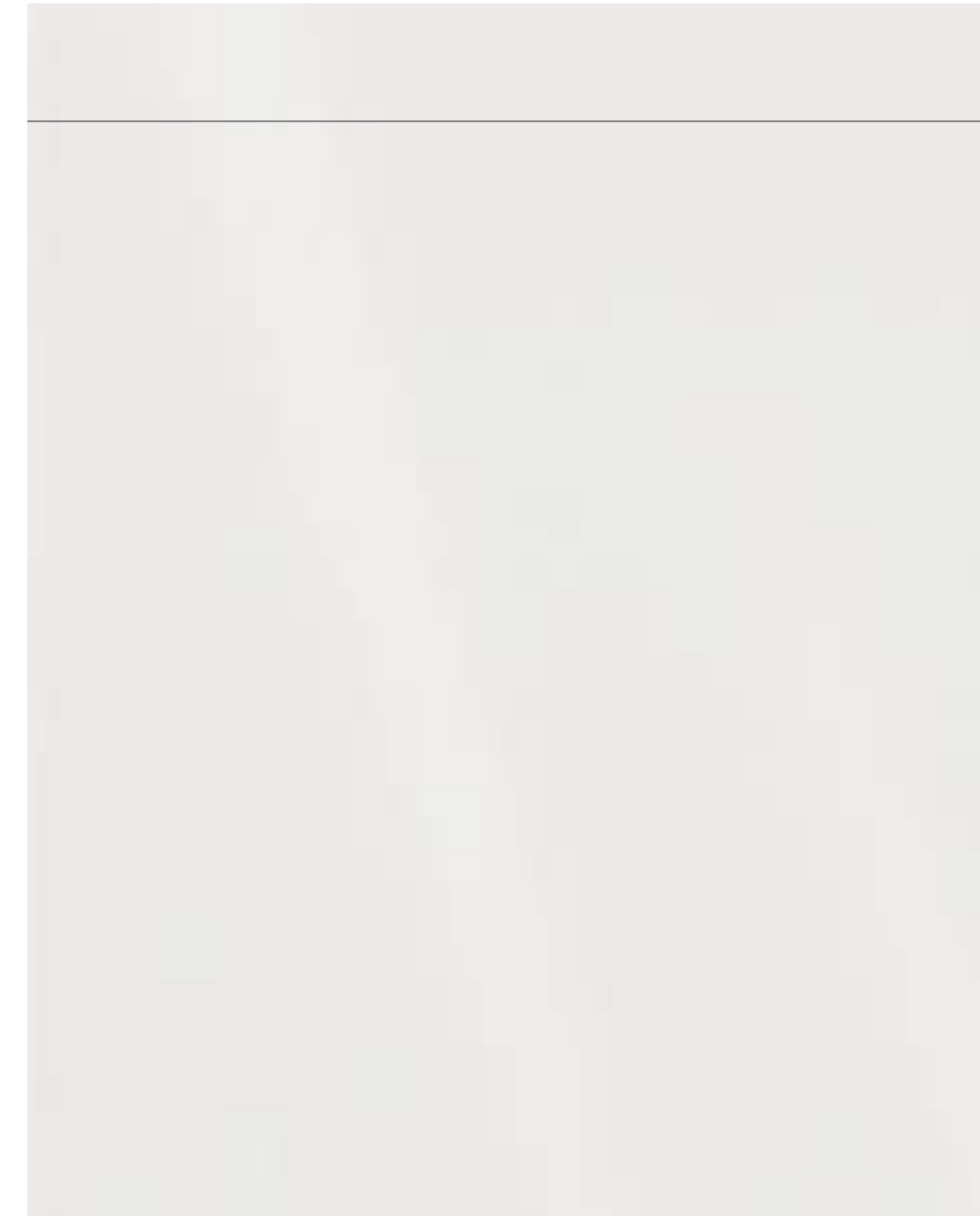




# Water-Soluble Bags

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Water-soluble bags are non-toxic, marine safe and dissolve when added to water, leaving no traces behind. Once dissolved, these bags do not generate any microplastics unlike traditional Polyethylene (PE) or Polypropylene (PP) bags. They are strong and have great elasticity. All our products are 100% certified.



# OUR REUSABLE PRODUCTS

MAKING FASHION SUSTAINABLE





# OUR REUSABLE PRODUCTS AND MATERIALS

Our products range from grocery to fashion to pouches, giving you a wide range to select from.  
Any of our products can be customized in any material and colour, matching all your requirements.



Jute



Juco



Cotton Canvas



Cotton Sheeting



PP Woven &  
PP Non-Woven



# Jute



Jute is the name of the plant that is derived from “burlap.” Known as the ‘golden fibre’ jute is one of the longest and most used natural fibre for various textile applications.

Benefits of using Jute:

- ✓ Jute fibre is 100% bio-degradable and recyclable and thus environmentally friendly.
- ✓ A key feature of jute is its ability to be used either independently or blended with a range of other fibres and materials.
- ✓ Good insulating and antistatic properties.
- ✓ Jute fabric is a tough, durable, and rough fabric.

*All our products are fully customizable as per your requirement.*



# Juco



The fine blend of both jute and cotton give juco an edge on both materials, by taking the most beneficial properties of each it offers an ecological alternative to single-use plastic bags.

Benefits of using Juco:

- ✓ Juco also has a longer lifespan and most importantly, is environmentally-friendly.
- ✓ Juco is a smart, versatile and increasingly popular ecological fabric.
- ✓ Juco brings together the tighter weave of a cotton bag and a hard-bearing durability found in traditional jute bags.

*All our products are fully customizable as per your requirement.*



# Cotton Canvas



Canvas is a plain-woven fabric typically made out of cotton and, to a lesser extent, linen. Known for its strength and versatility, canvas is a textile with several practical uses that apply to people from painters to handbag designers and sailors.

Benefits of using Cotton Canvas:

- ✓ Canvas fabric is known for being durable, sturdy, and heavy duty.
- ✓ By blending cotton with synthetic fibers, canvas can become water resistant or even waterproof, making it a great outdoor fabric.

*All our products are fully customizable as per your requirement.*





# Cotton Sheeting



Cotton sheeting is a medium weight natural fabric that is 100% cotton and has a smooth finish, with a soft touch.

Benefits of using Cotton Sheeting:

- ✓ Cotton sheeting is an extremely absorbent textile.
- ✓ The feeling of cotton is universally recognized and difficult to match with other synthetic materials.

*All our products are fully customizable as per your requirement.*



# PP Woven & PP Non-Woven

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Polypropylene fabric is a textile made from PP, which is a thermoplastic polymer commonly used in food packaging, plastic furniture, films, automotive parts, and medical devices.

Some of PP's material properties include:

- ✓ Polypropylene has the advantage of reusability and recyclability. Compared to other types of plastic, this is a significant environmental and eco-friendly alternative.
- ✓ Since polypropylene is a thermoplastic, you can melt it, mold it into new shapes, and cool it to the solid-state multiple times.
- ✓ Polypropylene will never get dirty. This property is due to inactive dye sites: if something spills or soils the fabric, the stain sits between the fibers.
- ✓ Furthermore, PP woven and non-woven materials are flexible, lightweight, durable, breathable, moisture-wicking and recyclable.

## PP Woven Fabric

PP Woven Fabric, made from Polypropylene is used for a wide range of commercial, industrial, and manufacturing applications. Woven PP is made by pressing long strings of polypropylene molecules (called polymers) together to make a thread-like strip, then weaving these fabrics as you would any other fabric.



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## PP Non-Woven Fabric

Non-woven PP fabric is made by taking polypropylene resin blocks, melting them, and pressing them into sheets of the desired thickness. You can then mold and cut the sheets into the desired shape.





# OUR SUSTAINABLE TABLEWARE

PRODUCTS FROM NATURE TO EARTH





# Customized Hampers with designs



# WHY CHOOSE OUR PRODUCTS?

We make eco-friendly living easy, so everyone can shift to a more conscious lifestyle.

We aim to provide customized solutions with a wide range of products to replace the use of single-use plastic.

We are headed where the future lies - towards sustainability.



**We care about the planet**



**We innovate and deliver**



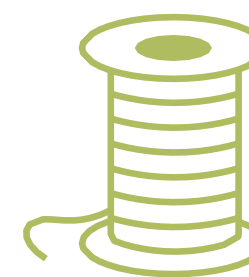
**Certified Compostable**



**Superior quality  
and assurance**



**We support a shift  
towards circular economy**



**We customize products  
as per your requirement**



# CONTACT US

**To get more information, please contact us.  
We would love to answer all your queries!**

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**Hem Lakhani**

+971 50 728 6560

**Rakeshh Narsinghani**

+971 50 256 7864

**Tarun Mehta**

+971 50 190 6956

✉ [info@acuflex.global](mailto:info@acuflex.global)

🌐 [www.acuflex.global](http://www.acuflex.global)

**in** [acuflex-global-l-l-c-fz](#)

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