



NonOilen<sup>®</sup> material  
without compromise!





## Fully biobased

NonOilen is a fully biobased material without fossil sources, synthetic materials or toxic additives.



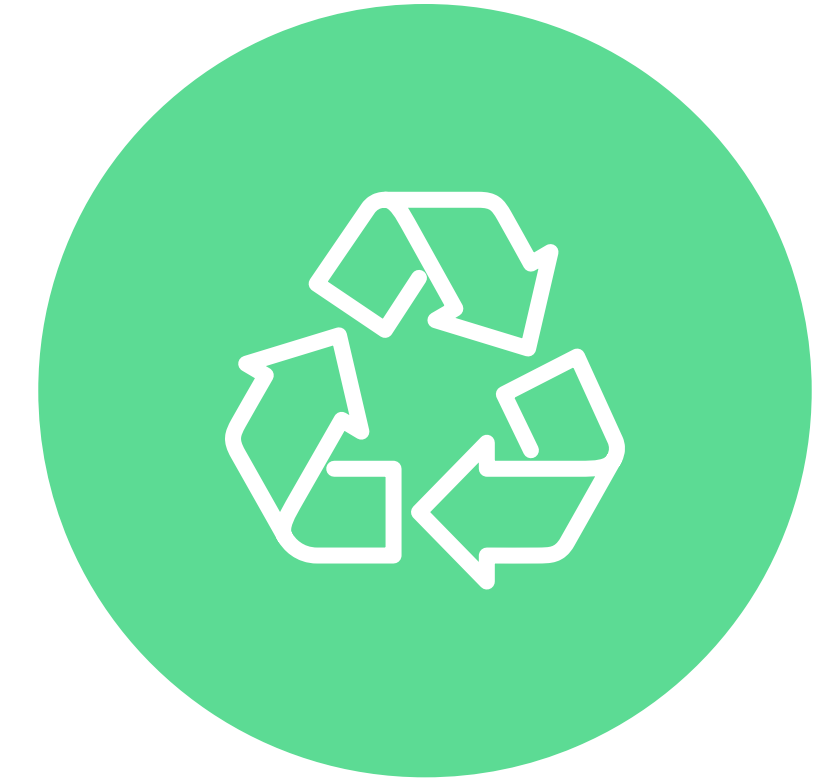
## Fully compostable

NonOilen is fully compostable with complete assimilation to the soil. Depending on grade, it decomposes in Home or Industrial compost special types can also decompose in soil.



## Non-oil polymers

NonOilen is similar with its properties to regular plastics like PE, PP, some polyesters etc.



## Recyclable

NonOilen is mechanically recyclable.



## 100% eco

NonOilen is a new generation of modern biodegradable materials based on polymers from renewable sources.



## 100% enviro

NonOilen is stable while being stored or used in the long term. NonOilen is decomposed only in the biologically active environment, and decomposition products do not cause the greenhouse effect.



## 100% bio

NonOilen is biocompatible.

# Principle and forms of NonOilen

The name NonOilen is composed of three words.  
**Non, oil, and environment.**

NonOilen's message is:  
**"It is doable without oil."**

It has a closed life cycle based on the principle:  
**"Giving back nature what we take from it"**

It can have different forms, shapes and properties:



Various films  
and bags



Food containers,  
bowls, plates,  
glasses



Cutlery and  
crockery



Transport  
and single-use  
packaging



Protective  
packaging



Commercial  
packaging



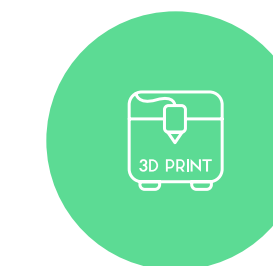
Toys



Bottles and liquid  
containers



Personal hygiene



3D printing  
filaments

# INTRODUCING NONOILEN

- Nonoilen material can withstand 110°C, which allows products for multiple uses that are reusable refillable, and washable.
- Modifiable properties. Nonoilen is adjusted to the application's needs. Thanks to the individual approach, Nonoilen can be flexible, hard, durable, tough, brittle, or resilient and used in various application areas.
- Nonoilen is fully mechanically recyclable. Which will make it possible to extend its life cycle.
- Environmental Focus: Focusing on purity, quality and sustainability.
- European excellence: Nonoilen is developed and produced in Europe.
- After life cycle Nonoilen fully assimilates the compost without the formation of microplastics.

# Comparison with available bioplastics currently on the market

	BioPE, BioPP, BioPET	Starch	PBAT	PLA	PHA	nonoilen <small>made for cleaner environment</small>
Renewable source of raw material	✓	✓		✓	✓	✓
Biodegradation in industrial compost		✓	✓	✓	✓	✓
Biodegradation in home compost		✓			✓	✓
Heat resistance up to 100 °C	✓				✓	✓
Material recycling	✓		✓	✓		✓
Adaptable flexibility	✓		✓			✓

# Nonoilen is suitable for technologies:



**Injection molding**



**Injection blow molding**



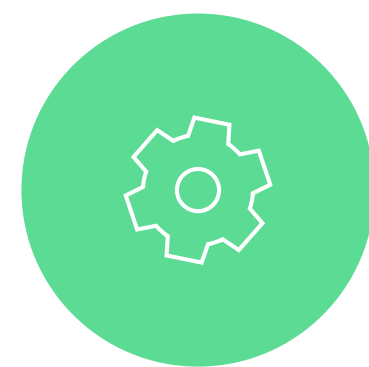
**Extrusion blow molding**



**Extrusion**



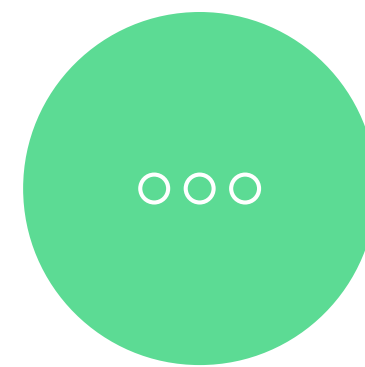
**3D printing**



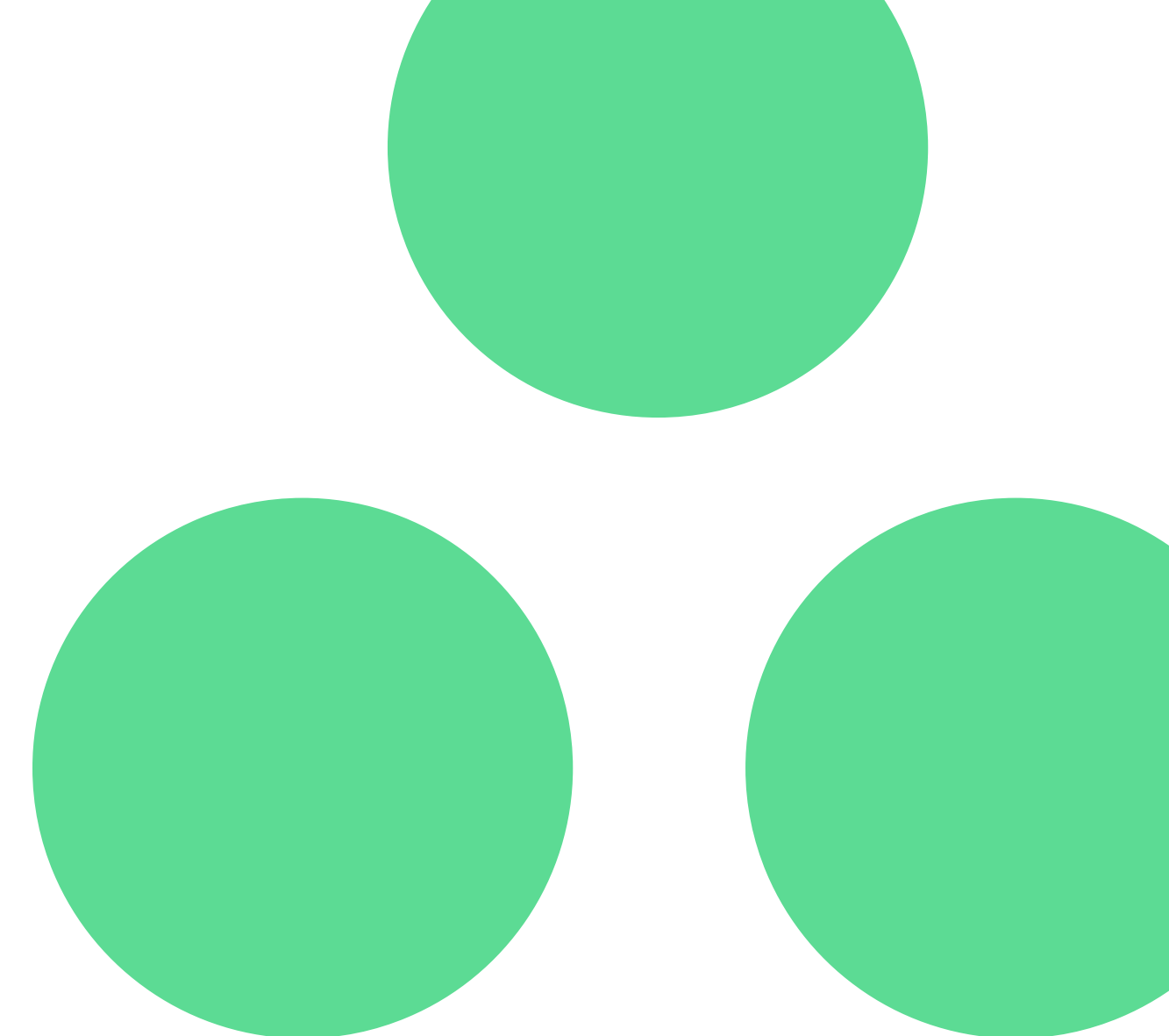
**Film blowing/  
machine-direction  
orientation (MDO)**



**Thermoforming**



**Others**



# Products





# Cup with fitted lid for hot/cold drinks

<b>Use:</b>	<b>Reusable, dishwasher safe</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Volume:</b>	<b>200-500 ml</b>
<b>Max. temperature:</b>	<b>110 °C</b>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i>



# Cup for hot and cold drinks

<b>Use:</b>	<b>Reusable, dishwasher safe</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Volume:</b>	<b>500 ml</b>
<b>Max. temperature:</b>	<b>110 °C</b>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i>



# Cup for cold drinks

<b>Use:</b>	<b>Disposable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Volume:</b>	<b>150 ml / 500 ml</b>
<b>Properties:</b>	<b>High flexibility after wrinkling still without leaking water</b>
<b>Max. temperature:</b>	<b>40 °C</b>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i>



# Cosmetic container

<b>Use:</b>	<b>Disposable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<b>15 - 500 ml</b> <i>We produce products to order. After your order is specified price will be provided.</i> <i>We can adapt all products to your requirements: Length, width, thickness, others</i>



# Container for vitamins / pills

<b>Use:</b>	<b>Disposable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<b>30 - 300 ml</b> <i>We produce products to order. After your order is specified price will be provided.</i> <i>We can adapt all products to your requirements: Length, width, thickness, others</i>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i>



# Reusable food boxes



# Food box (splitted)

<b>Use:</b>	<b>Reusable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Volume:</b>	<b>Big part: 650 ml / small part: 550 ml</b> <i>Total volume: 1150 ml</i>
<b>Properties:</b>	<b>Dishwasher safe, microwave safe</b>
<b>Max. temperature:</b>	<b>-60 °C / +110 °C</b>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i>



# Food box

<b>Use:</b>	<b>Reusable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Volume:</b>	<b>1520 cm<sup>3</sup></b>
<b>Properties:</b>	<b>Dishwasher safe, microwave safe</b>
<b>Max. temperature:</b>	<b>-60 °C / +110 °C</b>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i>





# Soup bowl

<b>Use:</b>	<b>Reusable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Volume:</b>	<b>450 ml</b>
<b>Properties:</b>	<b>Dishwasher safe, microwave safe</b>
<b>Max. temperature:</b>	<b>-60 °C / +110 °C</b>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i>



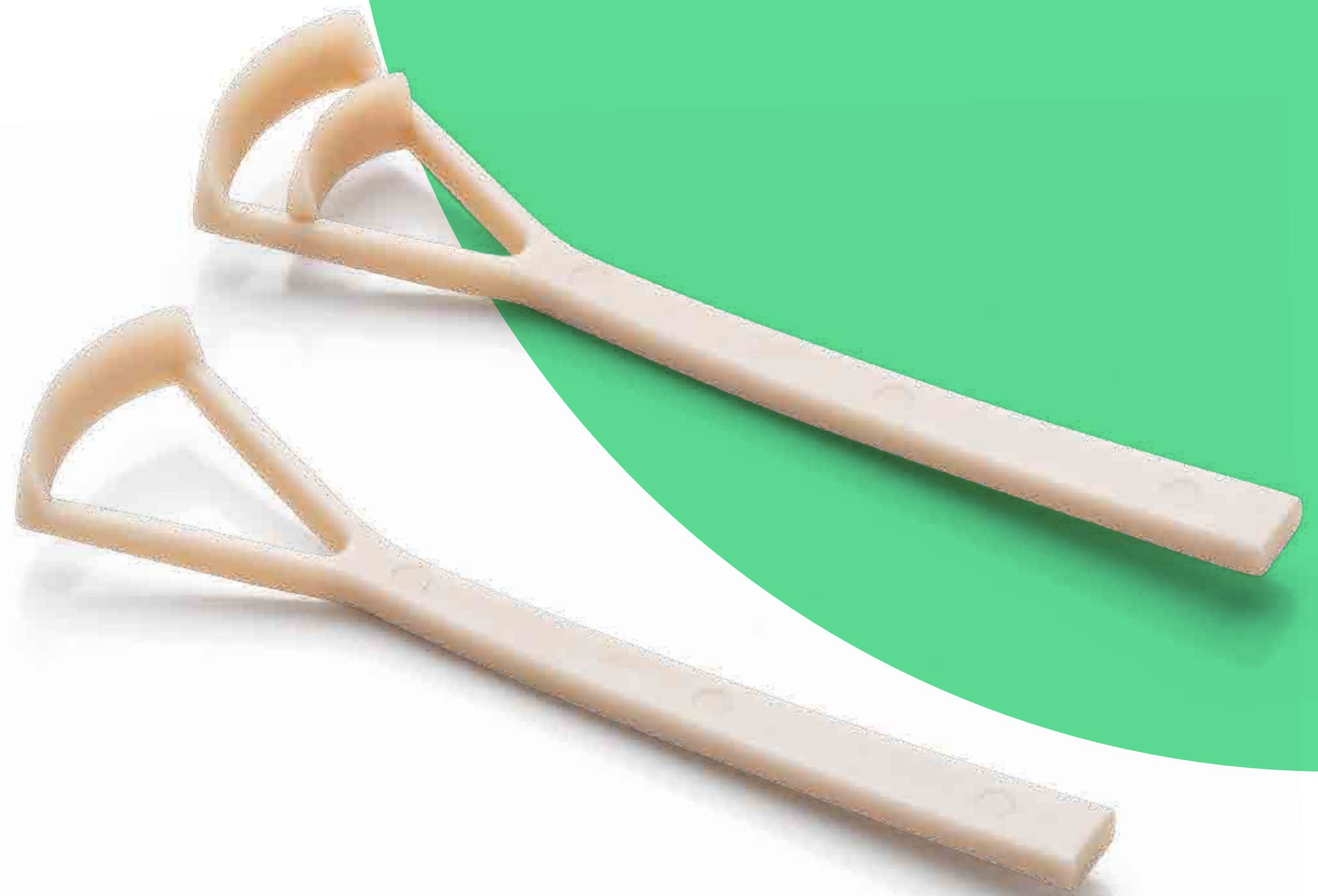
# Others products



# Tongue scraper

<b>Use:</b>	<b>Reusable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i> <i>After life cycle are packaging and product fully compostable</i>

*Blister packaging included (blister is Made from Nonoilten material either).*



# Peeler

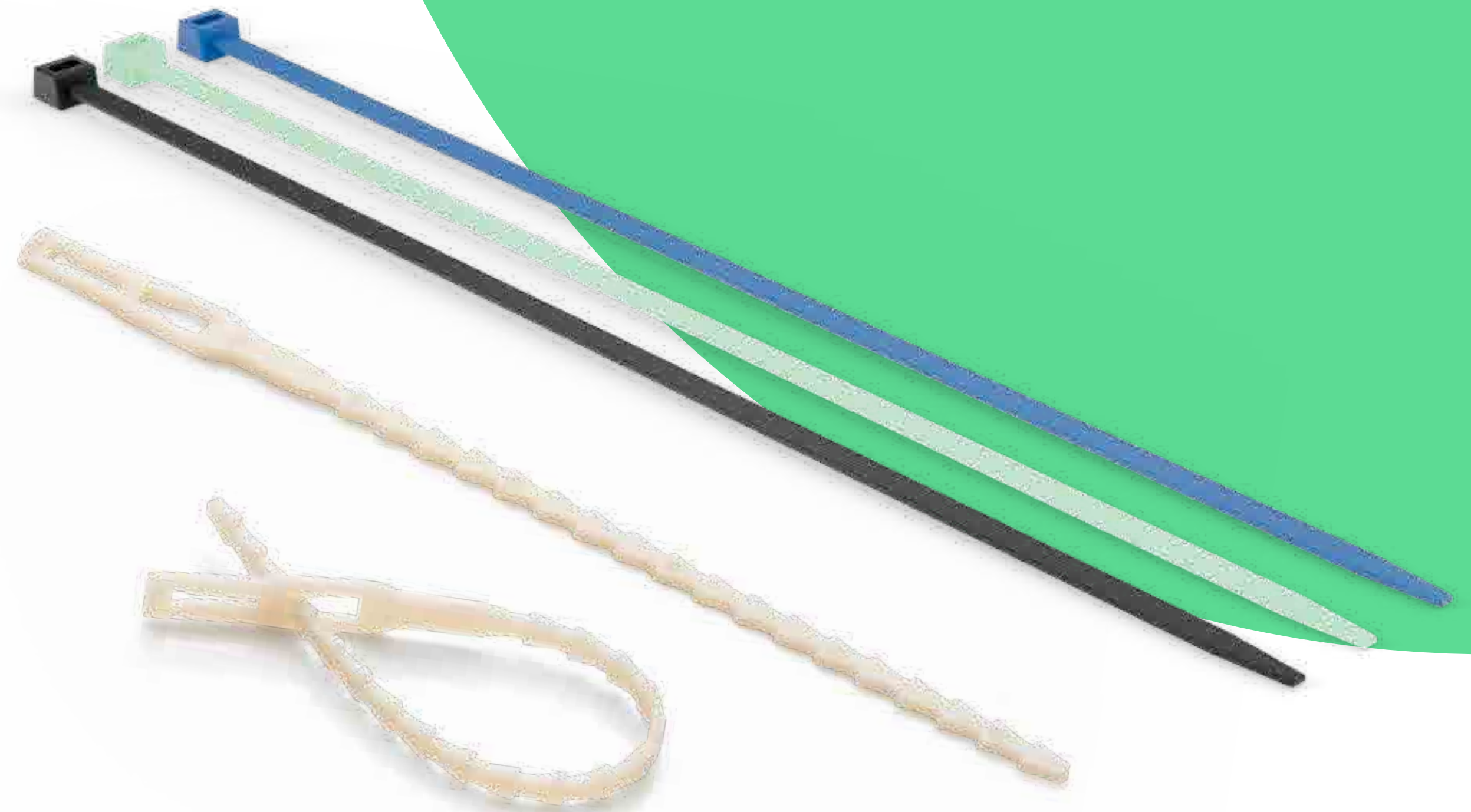
<b>Use:</b>	<b>Reusable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Compostability:</b>	<b>Industrial compost</b> <i>Home compost option on request</i> <i>After life cycle are packaging and product fully compostable</i>

*Blister packaging included (blister is Made from Nonoilten material either).*



# Reusable / disposable clamp ties for fruits and vegetables

<b>Use:</b>	<b>Reusable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>



# Straws

<b>Use:</b>	<b>Reusable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>Colors or additives are bio and natural</i>
<b>Properties:</b>	<b>Biocompatible, water resistant stays stiff, doesn't soften or collapse, doesn't dilute or soak, neutral smell and taste, reusable &amp; washable</b>
<b>Heat resist:</b>	<b>100 °C</b>
<b>Compostability:</b>	<b>Home compost</b> <i>Biodegradable in marine environment on request</i>



# Cutlery

<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<b>L: 13,5 cm x W: 1,2 cm</b> <i>We produce products to order after the specified number of pieces, we will reward you with individual items</i>  <i>We can adapt all products to your requirements: Length, width, thickness and more</i>



# Plates and cups

Colour:

**According to your choice**

*We use paints that do not have a negative impact on compost and soil*





# Food box

<b>Use:</b>	<b>Disposable</b>
<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Volume:</b>	<b>Depend on the form</b>
<b>Size:</b>	<b>227 x 178 x 40 mm</b>
<b>Max. temperature:</b>	<b>-20 °C / +100 °C</b>
<b>Compostability:</b>	<b>Industrial compost</b>



# Sealing foil

<b>Use:</b>	<b>Disposable</b>
<b>Max. temperature:</b>	<b>110 °C</b>
<b>Dimension:</b>	<i>We produce products to order after the specified number of pieces, we will reward you with individual items</i> <i>We can adapt all products to your requirements: Length, width, thickness and more</i>



# Tooth brush

<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<i>We produce products to order after the specified number of pieces, we will reward you with individual items</i>  <i>We can adapt all products to your requirements: height, width, thickness, others</i>
<b>Compostability:</b>	<i>The complete packaging and brush are compostable. The bristles are not compostable. (We are working on bristle compostability)</i>



# Phone cover

<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<i>We produce products to order after the specified number of pieces, we will reward you with individual items</i>  <i>We can adapt all products to your requirements: height, width, thickness, others</i>



# Plastic cards, work mats

<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<i>We produce products to order after the specified number of pieces, we will reward you with individual items</i>  <i>We can adapt all products to your requirements: height, width, thickness, others</i>



# Transparent protective packaging



<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<i>We produce products to order after the specified number of pieces, we will reward you with individual items</i> <i>We can adapt all products to your requirements: height, width, thickness, others</i>

# 3D filament

<b>Colour:</b>	<b>Natural</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>String diameter:</b>	<b>1,75 mm</b>
<b>Working temperature:</b>	<b>245 - 250 °C</b>



# Boundary tape, foil and waste bags

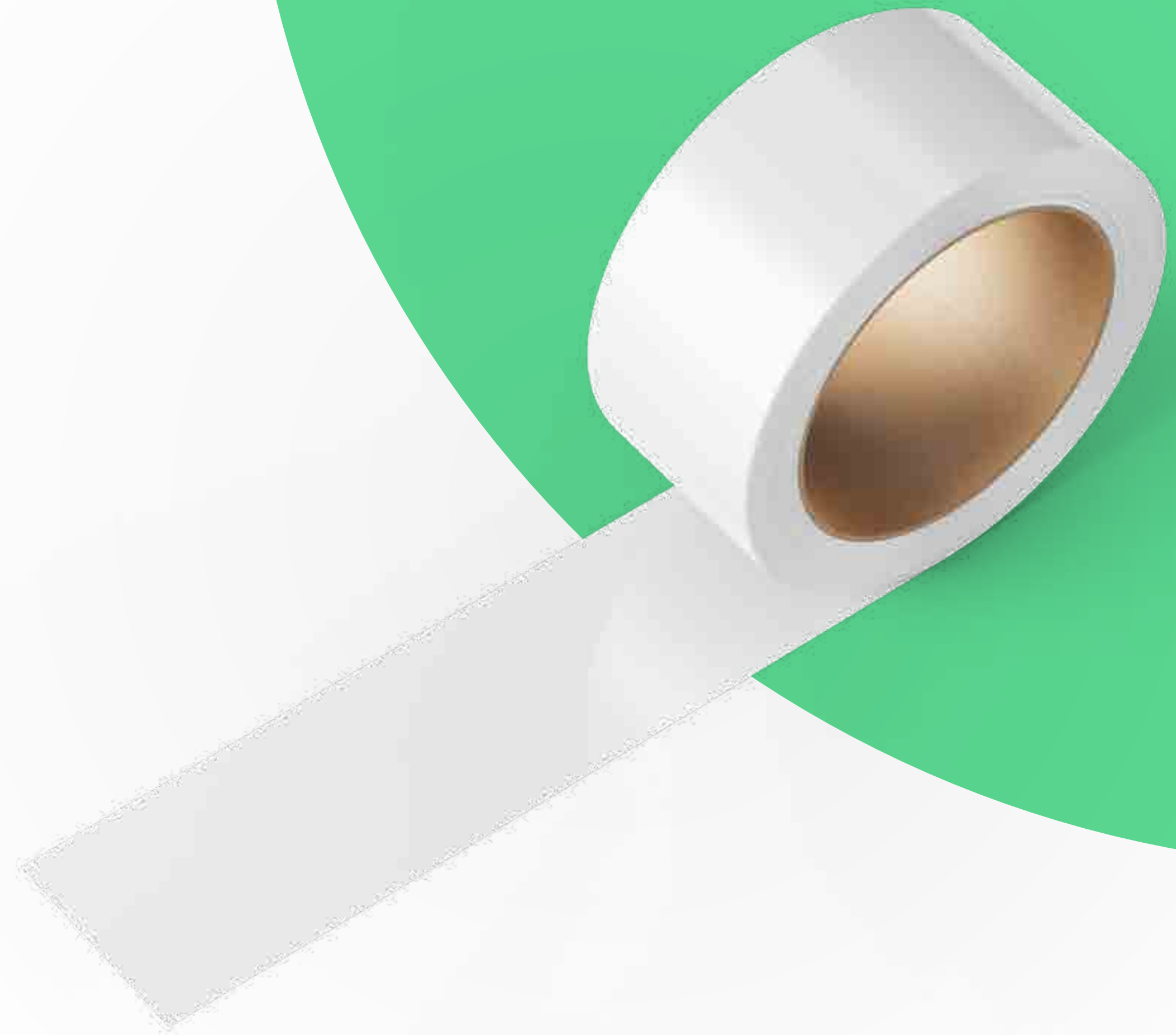
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- We offer: Bags for retail customers
- Mulching film for Farmers. Packaging films for food or other products.
- Fully compostable Bags for compost waste made without compromise
- 100% biobased
- HOME or industrial compostable



# Boundary tape

<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<i>We produce products to order after the specified number of pieces, we will reward you with individual items</i> <i>We can adapt all products to your requirements: Length, width, thickness and more</i>



# Mulching foil

## Colour:

### According to your choice

*We use paints that do not have a negative impact on compost and soil*

## Dimension:

*We produce products to order after the specified number of pieces, we will reward you with individual items*

*We can adapt all products to your requirements: Length, width, thickness and more*



# Retail bags

<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<i>We produce products to order after the specified number of pieces, we will reward you with individual items</i> <i>We can adapt all products to your requirements: Length, width, thickness and more</i>



# Bags

<b>Colour:</b>	<b>According to your choice</b> <i>We use paints that do not have a negative impact on compost and soil</i>
<b>Dimension:</b>	<i>We produce products to order after the specified number of pieces, we will reward you with individual items</i> <i>We can adapt all products to your requirements: Length, width, thickness and more</i>



# Did you not find your product in the catalog?

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Please send us your requirements; we will check whether we can produce the product for you.

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Nonoilen, can be formed into a number of products and used in many plastic industries.

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**If you have any questions,  
don't hesitate to contact us.**



## **Pavol Roman**

CEO

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**Thank you for your attention.**