



NonOilen[®] material
without compromise!





100% biobased

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



100% 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.



100% eco

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



100% nonoil polymers

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



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



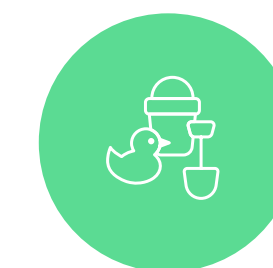
Transport
and single-use
packaging



Protective
packaging



Commercial
packaging



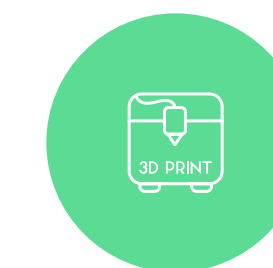
Toys



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 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	✓		✓			✓

Products



Cup with fitted lid for hot/cold drinks

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



Cup for hot and cold drinks

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



Cup for cold drinks

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



Cosmetic container

Use:	Disposable
Colour:	According to your choice <i>We use paints that do not have a negative impact on compost and soil</i>
Dimension:	15 - 500 ml <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

Use:	Disposable
Colour:	According to your choice <i>We use paints that do not have a negative impact on compost and soil</i>
Dimension:	30 - 300 ml <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>
Compostability:	Industrial compost <i>Home compost option on request</i>



Reusable food boxes



Food box (splitted)

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



Food box

Use:	Reusable
Colour:	According to your choice <i>We use paints that do not have a negative impact on compost and soil</i>
Volume:	1520 cm³
Properties:	Dishwasher safe, microwave safe
Max. temperature:	-60 °C / +110 °C
Compostability:	Industrial compost <i>Home compost option on request</i>



Soup bowl

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



Others products



Tongue scraper

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

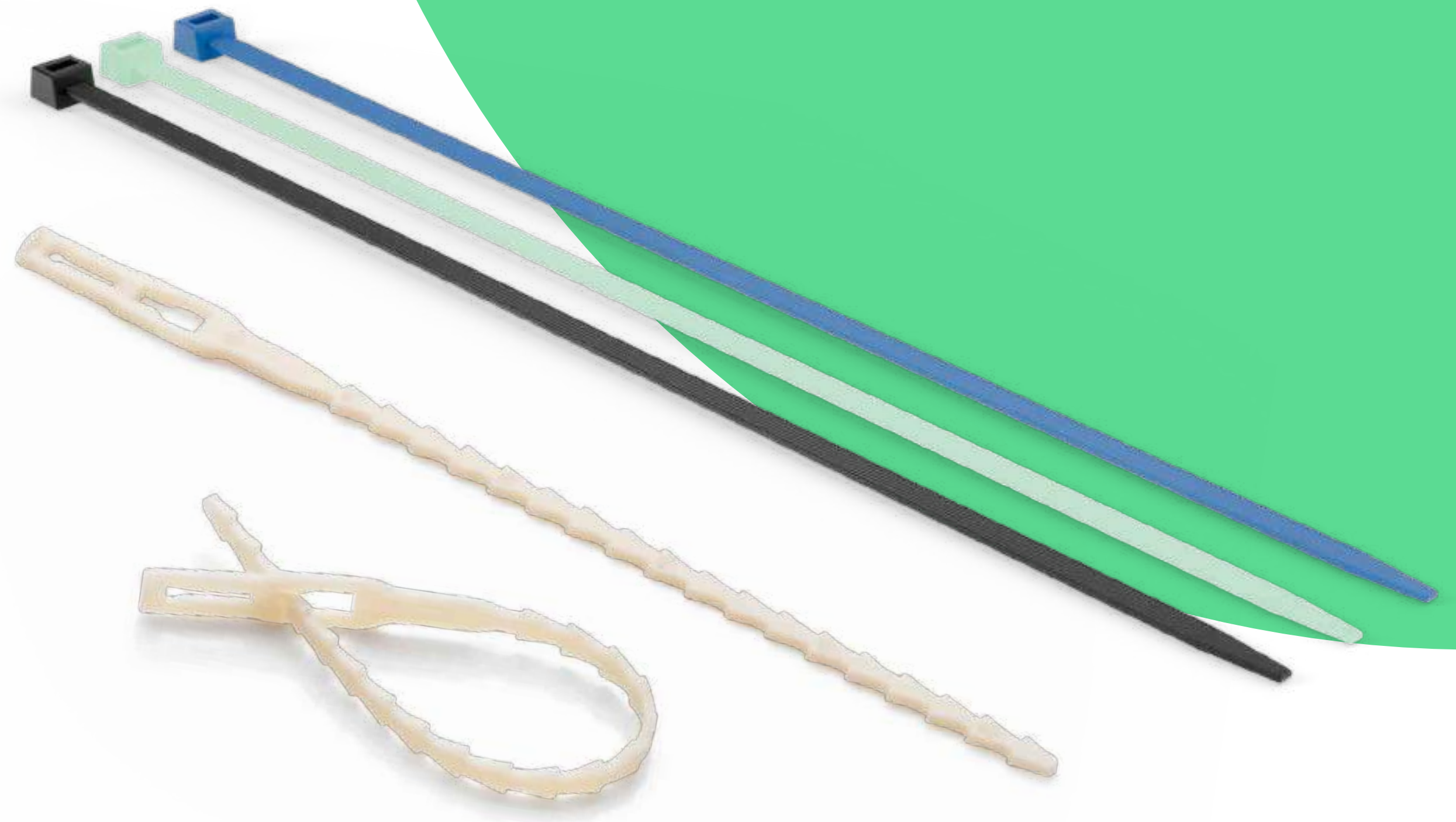
Use:	Reusable
Colour:	According to your choice <i>We use paints that do not have a negative impact on compost and soil</i>
Compostability:	Industrial compost <i>Home compost option on request</i> <i>After life cycle are packaging and product fully compostable</i>

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



Reusable / disposable clamp ties for fruits and vegetables

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



Straws

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



Cutlery

Colour:	According to your choice <i>We use paints that do not have a negative impact on compost and soil</i>
Dimension:	L: 13,5 cm x W: 1,2 cm <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>



Sealing foil

Use:	Disposable
Max. temperature:	110 °C
Dimension:	<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

Colour:	According to your choice <i>We use paints that do not have a negative impact on compost and soil</i>
Dimension:	<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>
Compostability:	<i>The complete packaging and brush are compostable. The bristles are not compostable. (We are working on bristle compostability)</i>



Phone cover

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

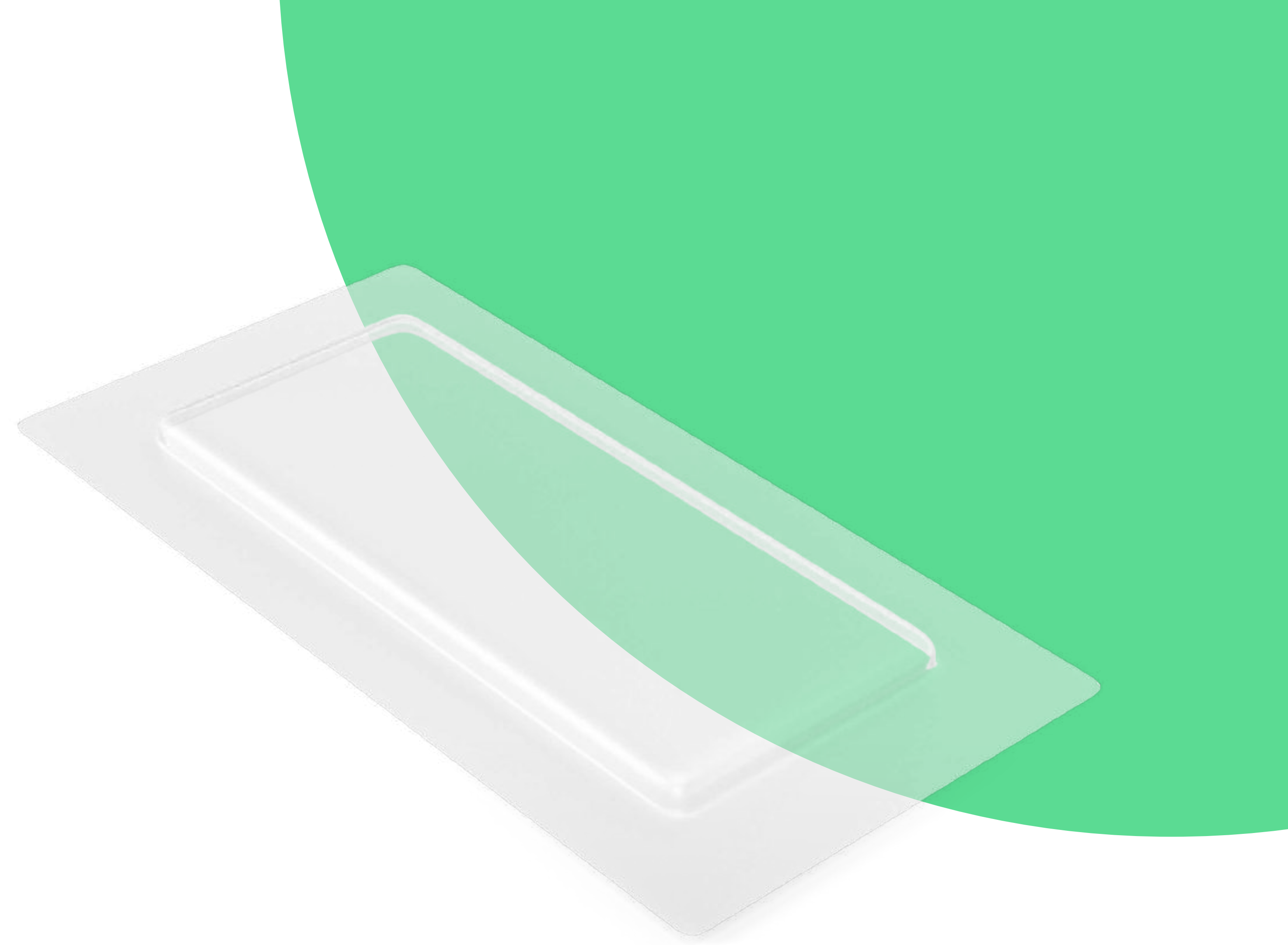


Plastic cards, work mats

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



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

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



Boundary tape, foil and waste bags

- 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

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

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

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

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

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

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



Pavol Roman

CEO

Mobil: +421 911 147 480

E-mail: pavol@biopolymerstrade.com

Web: www.biopolymers.sk

Thank you for your attention.