



BIO DISPOSABLES

made of 100% renewable raw materials



Ecological and economical – responsibility for humans and nature

For many years Franz Mensch GmbH has been consistently committed to environmental protection. A healthy natural environment is indispensable for both humans and animals. It requires our protection in order to survive.

Environmental awareness and disposable products are not contradictory.

On the contrary: **NATUREStar** products are manufactured from wood/cellulose, palm leaf, bamboo, sugarcane or corn starch (PLA). All are 100% renewable raw materials and thus CO₂ neutral and biodegradable.

Consumer demand for organic foods also involves the demand for sustainable food packaging and disposable tableware. This requires a future-oriented, frank and open rethinking; with meaningful and functional solutions. Franz Mensch GmbH listens to its customers and is constantly striving to offer them the best solutions when it comes to tailor-made products.

The catering, gastronomy, system catering and similar industries are increasingly looking for a sustainability strategy. Dealing with issues such as climate, environment and energy, fair working conditions and business engagement is increasingly forming a guiding principle in many companies, which is being externally conveyed.

The **NATUREStar** product line not only aims to support companies with this intention in mind, but similarly wants to support the protection of fossil fuels, whilst appreciating nature, showing its diversity and beauty, and ensuring that it stays that way.





FSC™ – How to recognize sustainable wood products

The FSC™ system and its standards ensure sustainable use of forests according to the social, economic and ecological needs. For the manufacture of FSC™ products, compliance with the following requirements applies: Only FSC™-certified quantities of controlled wood origin or recycled material may be used.

FSC™ certified products are tagged to enable you, as a customer, to actively choose a product that promotes responsible forest management. The label refers to the product or packaging components that come from the forest. Only certified companies are allowed to label their end products with FSC™.

There are three different FSC™ markings and statements:

100% label – This FSC™ label means that wood has been harvested to benefit communities, wildlife, and the environment.

Mix label – This product is made of material from well-managed FSC™-certified forests, recycled materials, and other controlled sources.

Recycled label – The forest-based material in this product is recycled.

Make conscious decisions about the environment and ask for FSC™-certified products when ordering.



The mark of
responsible forestry

Wood / cellulose

Wood / cellulose is an economical, renewable raw material. We explicitly forego rainforest deforestation during production (certified goods)!

Birch wood: particularly stable, can be processed untreated (unbleached), very smooth.

Pine wood: soft, yet sturdy. Elegant, mediterranean look.

Paper: Starting material is wood. Special manufacturing processes guarantee stability.

from page 12



Palm leaf

The leaves of the betel nut palm are the raw material for the organic tableware. The palm leaves come from naturally growing forests and fall off the trunk of the palm itself. The collected leaves are dried, pressed and processed without any additives to organic tableware.

Tableware made of palm leaves is very stable, temperature resistant and water resistant. Therefore, it is also ideal for hot soups and sauces.

from page 32



Bamboo

One of the twelve subfamilies of the sweet grasses family is bamboo. It grows up to a meter per day. After five years, the harvested area has already completely regenerated. Bamboo has an extremely high strength, elasticity, as well as high durability and dimensional stability. In addition, bamboo is durable, antibacterial and versatile.

from page 36



Disposables made from 100% renewable and compostable raw materials

Bagasse

The quick growing sugarcane originates, like bamboo, from the sweet grass family. It is the most important raw material source for the world's sugar production. Sugarcane is rolled and squeezed to extract sugar juice. A fibrous portion is left behind, known as bagasse. Bagasse is ground into a uniform pulp through the addition of water and natural binder. The pulp is then processed and pressed into different forms. Water resistant, resistant to oil and fat, suitable for microwaves and refrigerators as well as heat-resistant.

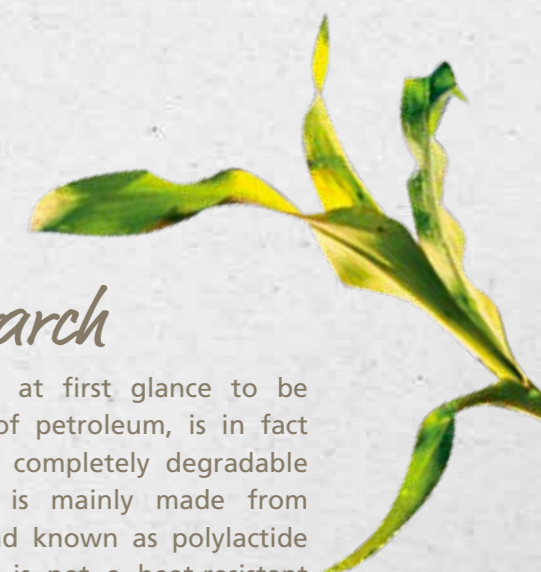
from page 46



Coru starch

What appears at first glance to be plastic made of petroleum, is in fact a natural and completely degradable bio-plastic. It is mainly made from corn starch and known as polylactide (PLA). As PLA is not a heat-resistant product, powder-talc is added causing the PLA to crystallise; this creates CPLA (C stands for „crystallised“). Crystallisation makes it particularly robust and heat-resistant up to 90°C.

from page 56





*Find your ideal organic material –
versatile and naturally powerful*

organic material	temperature resistance		oven	freeze	grease	liquids	certified according to EN 13432
	min.	max.					
wood	-18 °C	70 °C	–	✓	–	–	–
paper	-25 °C	85 °C	–	✓	✓	✓	–
palm leaf	-25 °C	220 °C	✓	✓	✓	✓	✓
bamboo	-5 °C	40 °C	–	–	–	–	–
sugarcane	-25 °C	220 °C	–	✓	✓	✓	✓
PLA	0 °C	40 °C	–	–	✓	✓	✓
CPLA	-5 °C	90 °C	–	–	✓	✓	✓
Mater-Bi	0 °C	70 °C	–	–	✓	✓	✓



Raw material wood/cellulose – environmentally friendly and sustainable

Wood/cellulose is a cheap, sustainable raw material that is environmentally friendly and biodegradable. It is a much loved material in many areas of daily life.

As birch wood/cellulose can be used untreated and does not need to be bleached, it is a purer and completely flavourless raw material.

We explicitly forego rainforest deforestation during production.

Whether it is toothpicks, meat roulade skewers, wooden forks or paper plates, all of the **NATUREStar** products are food-safe and thus are approved for direct contact with dry, moist and greasy foods.

The wood goes through a special surface treatment that makes it robust and smooth, preventing it from splitting. This means skewers and cutlery can be used without hesitation as disposable cutlery.

Our „takeaway“ bio-cups for hot drinks are made from environmentally friendly cardboard that is internally coated with PLA (corn starch), which is also completely biodegradable.

They fulfil all requirements of the European **standard EN 13432** for guaranteed compostability. After 80 days of professional composting, more than 90% of materials will have fully biodegraded. In addition the smallest particles (less than 2 mm) will have completely metabolised after six months.

The marked products are also available FSC™ certified.



The mark of
responsible forestry





These products are
also available FSC™
certified on request

Bio toothpicks | birch wood



- 2 sharpen, polished
- for daily use in canteens, office cafeterias, gastronomy, catering, snack bars
- from 200,000 pieces printable

loose in dispenser box

art. no.	size	PU/piece
3882	Ø 2 mm, 80 mm	20 x 1.000

loose in plastic dispenser

art. no.	size	PU/piece
38813	Ø 2 mm, 65 mm	144 x 190

individually wrapped in paper

art. no.	size	PU/piece
3880	Ø 2 mm, 66 mm	20 x 1.000

individually wrapped in cellophane

art. no.	size	PU/piece
38811	Ø 2 mm, 66 mm	20 x 1.000



Bio roulade skewers | birch wood



- 1 tip, polished
- use: especially for the production of meat and cabbage roulades, party service

art. no.	size	PU/piece
3884	Ø 2,2 mm, 80 mm	20 x 1.000



Bio flag picks | birch wood



- tasteless, food safe
- 100% compostable
- as decoration, for theme parties, for promotional purposes, for country parties, for tastings, for buffets

GERMANY

art. no.	size	PU/piece
388141	65 mm	50 x 200

BAVARIA

art. no.	size	PU/piece
388142	65 mm	50 x 200

NATIONS

art. no.	size	PU/piece
388143	65 mm	24 x 500

Bio skewers with long tip | birch wood



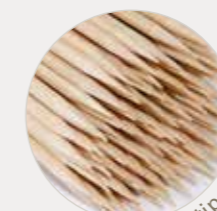
- bundled with a rubber band
- food safe
- non-splintering, with a tip on one end
- polished surface
- stable (break-proof), quality-tested
- use: for easy skewering, gastronomy



art. no.	size	PU/piece
38902	Ø 3 mm, 150 mm	10 x 1.000
38904	Ø 3 mm, 200 mm	10 x 1.000
38906	Ø 3 mm, 250 mm	10 x 1.000
38908	Ø 3 mm, 300 mm	10 x 1.000
38909	Ø 5 mm, 400 mm	10 x 100



short tip



long tip

Bio cutlery | FSC™-certified birch wood



- made from **FSC™-certified birch wood**
- natural beautiful look
- flavourless
- **100% biodegradable**

in dispenser box

knife

art. no.	length	PU/piece
38855	16 cm	24 x 100

fork

art. no.	length	PU/piece
38856	16 cm	24 x 100

spoon

art. no.	length	PU/piece
38857	16 cm	24 x 100

dessert spoon

art. no.	length	PU/piece
38858 NEW	11 cm	27 x 100



packed in a bag

knife

art. no.	length	PU/piece
388551 NEW	16 cm	10 x 100

fork

art. no.	length	PU/piece
388561 NEW	16 cm	10 x 100

spoon

art. no.	length	PU/piece
388571 NEW	16 cm	10 x 100

dessert spoon

art. no.	length	PU/piece
388581 NEW	11 cm	10 x 100

Bio cutlery sets | FSC™-certified birch wood



- made from FSC™-certified birch wood
- **single wrapped sets in Kraft paper**
- different variations
- environmentally friendly and high quality
- **100% biodegradable**



SET – consisting of knife, fork & napkin (2-ply, 1/8-fold)

art. no.	length	PU/piece
388600	16 cm	1.000

FORK – consisting of fork & napkin (white, 2-ply, 1/8 fold)

art. no.	length	PU/set
388601 NEW	16 cm	500

SPOON – consisting of spoon & napkin (white, 2-ply, 1/12 fold)

art. no.	length	PU/set
388602 NEW	16 cm	500

DOUBLE – consisting of fork, knife & napkin (white, 2-ply, 1/8 fold)

art. no.	length	PU/set
388604 NEW	16 cm	500

TRIPLE – consisting of fork, knife, spoon & napkin (white, 2-ply, 1/8 fold)

art. no.	length	PU/set
388603 NEW	16 cm	500



388603



These products are
also available FSC™
certified on request

Bio cutlery pouch | FSC™-certified paper **NEW**



- made of FSC™-certified paper
- with natural brown napkin 33 x 33 cm, 2-ply
- **hygienical protection of cutlery and napkin against dirt**
- perfect in combination with the organic cutlery from NATUREStar



your brand

art. no.	size	PU/piece
30620	20 x 8,5 cm	1 x 520

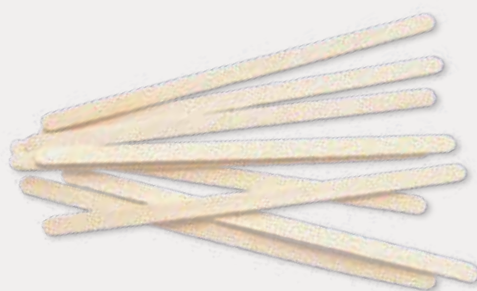
Bio fork for french fries | birch wood



- smooth surface
- two-pronged
- use: disposable cutlery for snack bars, e.g. for eating fries etc.

art. no.	size	PU/piece
38851	8,5 x 1 cm	10 x 1.000

Bio wooden stirrers | birch wood



- for stirring tea and coffee

art. no.	size	PU/piece
38853	14 x 0,5 cm	10 x 1.000
388533	17,8 x 0,5 cm	

Bio wooden cone | pine wood



- made of pine wood
- tasteless, biodegradable
- for viscous sauces, dips, appetizers, desserts etc.
- not for liquid food
- for catering, event, buffet



art. no.	size	PU/piece
388321	8 cm, Ø 3,5 cm	
388322	12 cm, Ø 5 cm	10 x 50
388323	15,5 cm, Ø 6,5 cm	
388324	19,5 cm, Ø 8 cm	



These products are
also available FSC™
certified on request

Bio wooden boat | pine wood



- made of pine wood
- tasteless
- not suitable for liquid food
- for decorative presentation of finger food and takeaway meals

art. no.	size	PU/piece
38831	6,5 x 4,2 cm	
38832	10,5 x 5 cm	
38833	11,5 x 7 cm	40 x 50
38834	14 x 8 cm	
38835	18 x 8,5 cm	
38836	22,5 x 12,5 cm	

Bio wooden bowl – round | pine wood



- made of pine wood
- tasteless, biodegradable
- for decorative serving of snacks, finger food etc.
- not for liquid food
- for catering, event, buffet

art. no.	size	PU/piece
388311	4,5 cm, Ø 4,5 cm	
388312	2 cm, Ø 5 cm	10 x 50
388313	5,5 cm, Ø 6 cm	

Bio wooden boat | pine wood



Unique!

48h protection against soaking



Bio drinking straws CLASSIC – rigid | paper



- unbleached
- very robust and durable
- for cocktails, drinks, fizzy drinks and refreshments

striped

	art. no.	size	PU/piece
■	42105		
■	42106		
■	42107		
■	42108	Ø 6 mm, 197 mm	50 x 100
■	42109 NEW		
■	42110 NEW		
■	42111 NEW		

dotted

	art. no.	size	PU/piece
■	42115		
■	42116		
■	42117		
■	42118	Ø 6 mm, 197 mm	50 x 100
■	42119 NEW		
■	42120 NEW		
■	42121 NEW		

monochrome

	art. no.	size	PU/piece
■	42100		50 x 100
■	42101		50 x 100
■	42102	Ø 6 mm, 197 mm	50 x 100
■	42103 NEW		30 x 100
■	42104 NEW		30 x 100

single wrapped in paper

- in black, white or red-white striped

	art. no.	size	PU/piece
■	421001 NEW		
■	421011 NEW	Ø 6 mm, 197 mm	14 x 100
■	421051 NEW		



Bio drinking straws CLASSIC – rigid | paper



Unique!

48h protection against soaking



Bio drinking straws FLEX – bended | paper



- bended, unbleached
- very robust and durable
- for cocktails, drinks, fizzy drinks and refreshments

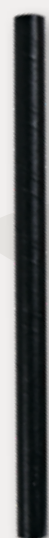
striped

	art. no.	size	PU/piece
■	42155		
■	42156 NEW		
■	42157 NEW		
■	42158 NEW	Ø 6 mm, 197 mm	50 x 100
■	42159 NEW		
■	42160 NEW		
■	42161 NEW		

dotted

	art. no.	size	PU/piece
■	42165		
■	42166 NEW		
■	42167 NEW		
■	42168 NEW	Ø 6 mm, 197 mm	50 x 100
■	42169 NEW		
■	42170 NEW		
■	42171 NEW		

Bio drinking straws COCKTAIL – rigid | paper



- extra large diameter Ø 8 mm
- unbleached
- very robust and durable
- for cocktails

striped

	art. no.	size	PU/piece
■	42135	Ø 8 mm, 130 mm	40 x 100
■	42137		

dotted

■	42145	Ø 8 mm, 130 mm	40 x 100
■	42147		

black

■	42130	Ø 8 mm, 130 mm	40 x 100
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Bio drinking straws JUMBO – rigid | FSC™-certified paper **NEW**



- extra large diameter Ø 8 mm
- made of FSC™-certified paper
- unbleached
- **very robust and durable**
- for cocktails, drinks, fizzy drinks and refreshments



monochrome

	art. no.	size	PU/piece
■	42180		
■	42181		
■	42182		
■	42185	Ø 8 mm, 250 mm	21 x 100
■	42186		
■	42187		
■	42188		



Bio cups NATURAL – single walled | cardboard PLA coated **NEW**



Bio cups | cardboard PLA coated

- disposable cup for hot drinks
- made of eco-friendly cardboard
- with biodegradable PLA-coating for higher tightness
- **100% compostable** according to EN 13432
- from 50,000 pieces upwards in up to 7 colours printable
(Tip: use our call order option and benefit from individual partial deliveries)

NATURAL – single walled, FSC™-certified

art no.	size	PU/piece
401093 NEW	0,1 l / 4 oz, ø 6,2 cm	
401893 NEW	0,15 l / 6 oz, ø 8 cm	
401193 NEW	0,2 l / 8 oz, ø 8 cm	20 x 50
401293 NEW	0,3 l / 12 oz, ø 8 cm	
4012903 NEW	0,3 l / 12 oz, ø 9 cm	
401493 NEW	0,4 l / 16 oz, ø 9 cm	



ORGANIC – single walled

art no.	size	PU/piece
40109 NEW	0,1 l / 4 oz, ø 6,2 cm	
40189 NEW	0,15 l / 6 oz, ø 8 cm	
40119	0,2 l / 8 oz, ø 8 cm	20 x 50
40129	0,3 l / 12 oz, ø 8 cm	
401290 NEW	0,3 l / 12 oz, ø 9 cm	
40149 NEW	0,4 l / 16 oz, ø 9 cm	

BIOTIC – double walled

art no.	size	PU/piece
40179 NEW	0,1 l / 4 oz, ø 6,2 cm	
40139	0,2 l / 8 oz, ø 8 cm	20 x 25
40159	0,3 l / 12 oz, ø 8 cm	
40199 NEW	0,4 l / 16 oz, ø 9 cm	

cup sleeve

- made of cardboard, heat protection – makes sure your customers won't burn their fingers
- just put the hot cup into the sleeve

art no.	size	PU/piece
40219	0,2 l	40 x 25
40229	0,3 l	

Bio napkins – 2-ply | recycling paper



- 100% recycling paper
- completely biodegradable
- ecological alternative to traditional napkins
- for gastronomy, restaurants, snack bar, hotel and catering



art. no.	size	PU/piece
30541	33 x 33 cm, 1/4-fold	8 x 250
30542	33 x 33 cm, 1/8-fold	8 x 250
30543	24 x 24 cm, 1/4-fold	16 x 250

Bio paper plate | paper



- 100% uncoated fresh fibre
- extremely white and hygienic look thanks to fresh fibre
- ideal for dry foods
- strong and sturdy
- ecological alternative to plastic plates
- for snacks, catering, takeaway

round

art. no.	size	PU/piece
41511	19 cm	10 x 100
41510	23 cm	5 x 100

rectangular



art. no.	size	PU/piece
41501	23 x 33 cm	1 x 250
41502	21 x 29 cm	1 x 250
41503	18 x 26 cm	2 x 250
41513	16,5 x 23 cm	4 x 250
41512	16,5 x 20 cm	4 x 250
41514	13 x 20 cm	6 x 250
41504	11 x 17,5 cm	10 x 250
41505	10 x 16 cm	12 x 250

Bio carrier bags | Kraft paper



- very stable, load capacity up to 3 kg
- high wet strength for safe transport
- sustainable, recyclable and compostable
- with flat handles inside
- tall, slim shape, blank
- **100% compostable** according to EN 13432

EN
13432

approx. 70 g/m²

art. no.	size	PU/piece
35560	22 x 11 x 28 cm	
35561	22 x 11 x 36 cm	1 x 250
35562	26 x 17 x 25 cm	

STRONG – approx. 80 g/m²

art. no.	size	PU/piece
35563	32 x 12 x 40 cm	1 x 250
35564	32 x 17 x 44 cm	

Bio waste bags | Kraft paper



- folded paper with square bottom
- with or without printing
- **very tear-resistant & environmentally friendly**
- especially suitable for papers, biowaste and dry waste
- **100% compostable** according to EN 13432

EN
13432

with imprint „Altpapier“

art. no.	size	PU/piece
35554 NEW	80 l, 55 x 85 x 20 cm	25
35557 NEW	120 l, 70 x 95 x 22 cm	

with imprint „Abfälle“

art. no.	size	PU/piece
35553 NEW	80 l, 55 x 85 x 20 cm	25
35556 NEW	120 l, 70 x 95 x 22 cm	

without imprint

art. no.	size	PU/piece
35555 NEW	80 l, 55 x 85 x 20 cm	25
35558	120 l, 70 x 95 x 22 cm	25
35559 NEW	240 l, 80 x 120 x 30 cm	10

World's first!

Bio hygienic papers made of
100% ecological recycling tissue

Bio toilet paper | recycling tissue **NEW**



- **sustainable, more favourable alternative** to standard papers
- FSC™-certified
- made of ecological recycled material, 2-ply
- soft and very absorbent
- embossed, perforated

small roll

art. no.	size	PU/roll
304215	10 x 12,5 cm roll of 600 sheets	10 x 4

large roll

art. no.	size	PU/roll
304345	9,8 x 25 cm, roll of 1.000 sheets	6

*How the remaining waste becomes
an ecological hygienic paper*

Knew how! The remains of a paper factory, so paper and cardboard, are not thrown away but simply recycled. This results in environmentally friendly tissue paper – guaranteed from 100% ecological recycling tissue!

The advantages:

- sustainable and environmentally friendly production (FSC certified goods)
- food safe
- more favourable than alternatives made of cellulose

Bio folded towels V-folded | recycling tissue **NEW**



- **sustainable and more favourable** than papers made of cellulose
- FSC™-certified
- very absorbent and hygienic, embossed structure, 2-ply
- advantage V-fold: the cloth is taken unfolded, the next is available at hand
- ideal for highly frequented washrooms
- suitable for paper towel dispenser art. no. 88836

art. no.	size	PU/piece
304035	23 x 19 cm	20 x 225



NATURE *Star*

Bio cleaning paper roll | recycling tissue **NEW**

Unique!



- **sustainable, more favourable alternative** to conventional papers, FSC™-certified
- **food safe**
- very absorbent, tear-resistant and hygienic
- embossed structure, perforated, 3-ply
- for all wiping operations (oils, greases, water)
- suitable for floor stand art. no. 88832 and wall holder art. no. 88834



art. no.	size	PU/roll
304435	24 x 25 cm roll of 800 sheets, approx. 200 running meter	2

Bio towel roll | recycling tissue **NEW**



- **sustainable and more favourable** than papers made of cellulose
- **food safe**
- FSC™-certified
- individually packed and therefore very hygienic
- absorbent and tear-resistant, 3-ply
- inside settlement, embossed structure, perforated
- suitable for towel roll dispenser art. no. 88830



art. no.	size	PU/roll
304125	22 x 22 cm roll of 341 sheets, approx. 75 running meter	6 x 1

Raw material palm leaf – unique all-rounder

The palm leaf tableware of **NATURE*Star*** is made from pressed leaves of the betel nut palm. The betel nut palm is native to Southeast Asia and grows there in natural forests.

It bears red fruits, the betel nuts, which are edible. For the sustainable organic tableware only the leaves are used, which are located on the trunk of the palm. The up to 2 m long palm leaves fall off naturally several times a year and can be easily collected.

This is how a palm leaf turns into an Bio plate

The picked palm leaves are first washed and dried. The **NATURE*Star*** tableware are additionally dried with a special 2-sided thermo process. Thus, the products have very little residual moisture. This makes the tableware durable and high quality. The dried leaves are then pressed into the desired shape, smoothed and polished – for a particularly beautiful look.

100% natural product – 100% beautiful

- food safe
- fully compostable, without coating or chemical additives
- tasteless and odorless
- by nature water resistant (also suitable for soups and sauces)
- very stable
- suitable for oven (up to 220 °C) and microwave
- also for the fridge and freezer (down to -25 °C)
- beautiful look each plate is unique thanks to the individual grain



Bio tableware | palm leaf

- natural grain, colour variations possible

bowl – round

art. no.	size	PU/piece
410611	Ø 6,5 cm, 25 ml	8 x 25

bowl – square

art. no.	size	PU/piece
410621	6,5 x 6,5 cm, 30 ml	8 x 25

bowl – rectangular

art. no.	size	PU/piece
410631	11,5 x 6,5 x 2 cm, 25 ml	8 x 25

soup plate – square

art. no.	size	PU/piece
410622	14 x 14 x 5 cm, 500 ml	4 x 25

soup plate – round

art. no.	size	PU/piece
410612	Ø 20 x 2,5 cm, 350 ml	4 x 25

Bio tableware | palm leaf

plate – round

art. no.	size	PU/piece
410613	Ø 20 x 2 cm	4 x 25
410614	Ø 25 x 2 cm	

plate – square

art. no.	size	PU/piece
410623	18 x 18 x 2 cm	4 x 25
410624	24 x 24 x 2 cm	

plate – rectangular

art. no.	size	PU/piece
410632	17 x 12 x 1,8 cm	8 x 25
410633	24 x 15,5 x 1,5 cm	4 x 25

Raw material bamboo – the fastest growing plant in the world

Bamboo is a raw material that has been around for one hundred years. It is growing increasingly popular.

It originates from the sweet grass family and is a true alternative to wood.

Bamboo has an extremely high rigidity, elasticity, durability and dimensional stability. It is hard-wearing, ecologically sustainable and can be used in many ways.

Bamboo can be harvested quicker than our indigenous trees. Some types grow up to one metre a day and are already fully regenerated after 5 years! This cultivation is clearly more productive and produces significantly more oxygen, which has a positive influence on the CO₂ balance.

The benefits of bamboo can also be found with regards to disposal. It is 100% compostable and need not be thrown into the household waste, as it can be disposed of in the organic waste bin or as compost.

Furthermore, bamboo has an antibacterial effect and is flavourless, so it is ideal for use in the food industry.

Within the **NATUREStar** product range you can find different lengths and designs of bamboo finger food skewers, which are particularly beneficial for catering, party service or in Asian restaurants for example. They add a certain cheerful addition to your tableware.

The bamboo FLAG skewer is ideally suited to be personalised, e.g. with your company logo.

The marked products are also available FSC™-certified.



The mark of
responsible forestry





These products are
also available FSC™
certified on request

Bio toothpicks | bamboo



- made of bamboo, polished tips
- very robust and environmentally friendly, flavourless
- for daily use in canteens, cafeterias, gastronomy, catering, snack bars

individually wrapped in paper

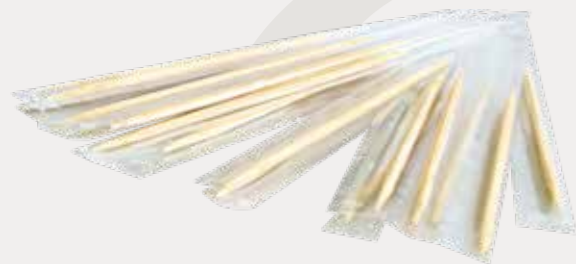
art. no.	size	PU/piece
38805	Ø 2 mm, 66 mm	20 x 1.000

loose in dispenser

art. no.	size	PU/piece
38825	Ø 2 mm, 65 mm	20 x 1.000

individually wrapped in cellophane

art. no.	size	PU/piece
388115	Ø 2 mm, 65 mm	20 x 1.000



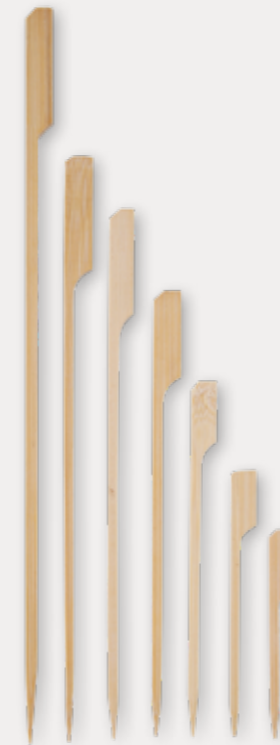
Bio shashlik skewer | bamboo



- extremely hard and robust, ø 3 mm
- best suited for barbecues, butchers, gastronomy

art. no.	size	PU/piece
38912	Ø 3 mm, 150 mm	
38914	Ø 3 mm, 200 mm	10 x 1.000
38916	Ø 3 mm, 250 mm	
38918	Ø 3 mm, 300 mm	

Bio finger food skewer FLAG | bamboo



- easy to grip
- catering, party service, restaurants

art. no.	length	PU/piece
38951	70 mm	
38952	90 mm	
38953	120 mm	
38954	150 mm	40 x 250
38955	180 mm	
38984	200 mm	
38985	250 mm	

in dispenser box

art. no.	length	PU/piece
389521	90 mm	
389531	120 mm	24 x 250
389541	150 mm	
389551	180 mm	

Bio steak- / foodmarker | bamboo



- to identify the different degrees of cooking of fried meat
- or for the labeling of vegetarian / vegan food
- **easy recognisable for service staff and guests**
- very stable and environmentally friendly, tasteless
- for restaurants, party service and catering

WELL

art. no.	length	PU/piece
38981	90 mm	40 x 250

MEDIUM

38982	90 mm	40 x 250
-------	-------	----------

RARE

38983	90 mm	40 x 250
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VEGGIE

389522	90 mm	40 x 250
--------	-------	----------

VEGAN

389523	90 mm	40 x 250
--------	-------	----------



These products are
also available FSC™
certified on request

Bio finger food skewer LOOP | bamboo

- easy to grip, Ø 3 mm
- catering, party service, restaurants

nature

art. no.	size	PU/piece
38966	Ø 3 mm, 90 mm	
38967	Ø 3 mm, 120 mm	40 x 250
38968	Ø 3 mm, 150 mm	
38969	Ø 3 mm, 180 mm	

nature, in dispenser box

art. no.	size	PU/piece
389661	Ø 3 mm, 90 mm	24 x 250
389671	Ø 3 mm, 120 mm	



black

art. no.	length	PU/piece
38956	90 mm	
38957	120 mm	40 x 250
38958	150 mm	
38959	180 mm	

black and looped

art. no.	length	PU/piece
38961	90 mm	
38962	120 mm	40 x 250
38963	150 mm	
38964	180 mm	

Bio finger food skewer LOOP | bamboo





These products are
also available FSC™
certified on request

Bio finger food skewer | bamboo

- different models
- easy to grip
- catering, party service, restaurants

RING

art. no.	length	PU/piece
38941	120 mm	10 x 100
38946	90 mm	
38947	120 mm	10 x 100
38948	150 mm	
38949	180 mm	

RING – curved

art. no.	length	PU/piece
38940	120 mm	10 x 100

HERZ

art. no.	length	PU/piece
38942	90 mm	
38943	120 mm	10 x 100
38944	150 mm	
38945	180 mm	

RAD

art. no.	length	PU/piece
38921	120 mm	10 x 100

KORDEL – with braided ends

art. no.	length	PU/piece
38923	120 mm	10 x 100
38924	120 mm	

DOPPELSPITZE – curved

- perfect for prawns and longish dishes

art. no.	length	PU/piece
38973	120 mm	10 x 100

Bio finger food skewer | bamboo



KREIS

art. no.	length	PU/piece
38925	90 mm	10 x 100

KUGEL

art. no.	length	PU/piece
38926	90 mm	10 x 100

KUGEL – assorted colours

art. no.	length	PU/piece
38927	150 mm	10 x 100

ART – with different designs, assorted colours

art. no.	length	PU/piece
38922	90 mm	10 x 100



These products are
also available FSC™
certified on request

Bio skewer NATUR | bamboo



- extremely hard and robust
- versatile

art. no.	length	PU/piece
38971	120 mm	10 x 100

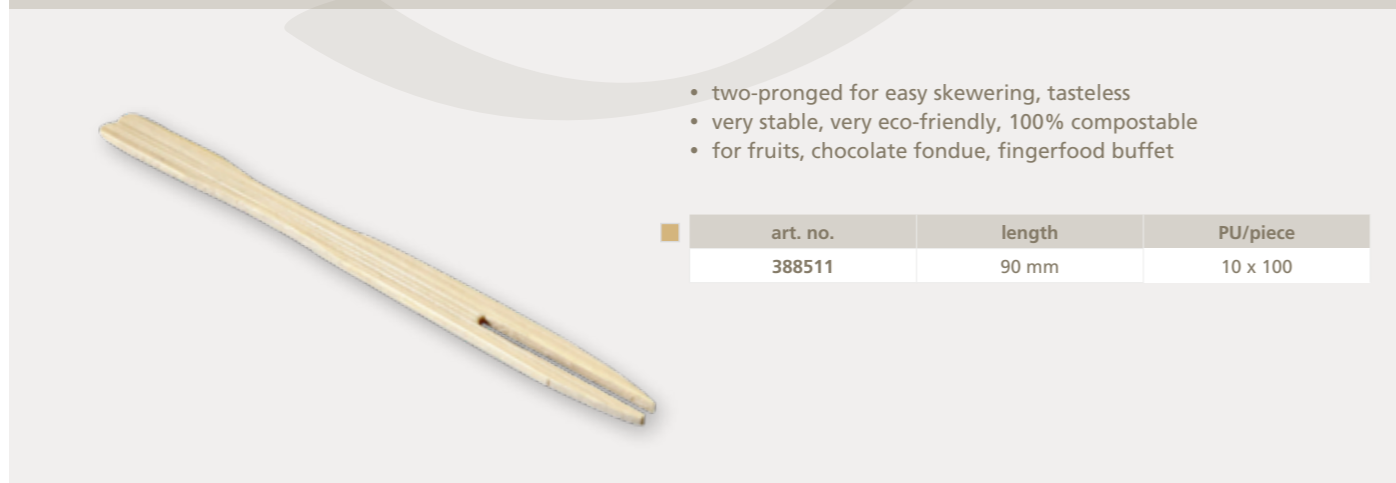
Bio chopsticks | bamboo



- pairs wrapped in in paper, for Asian food

art. no.	length	PU/piece
38930	21 cm	30 x 100

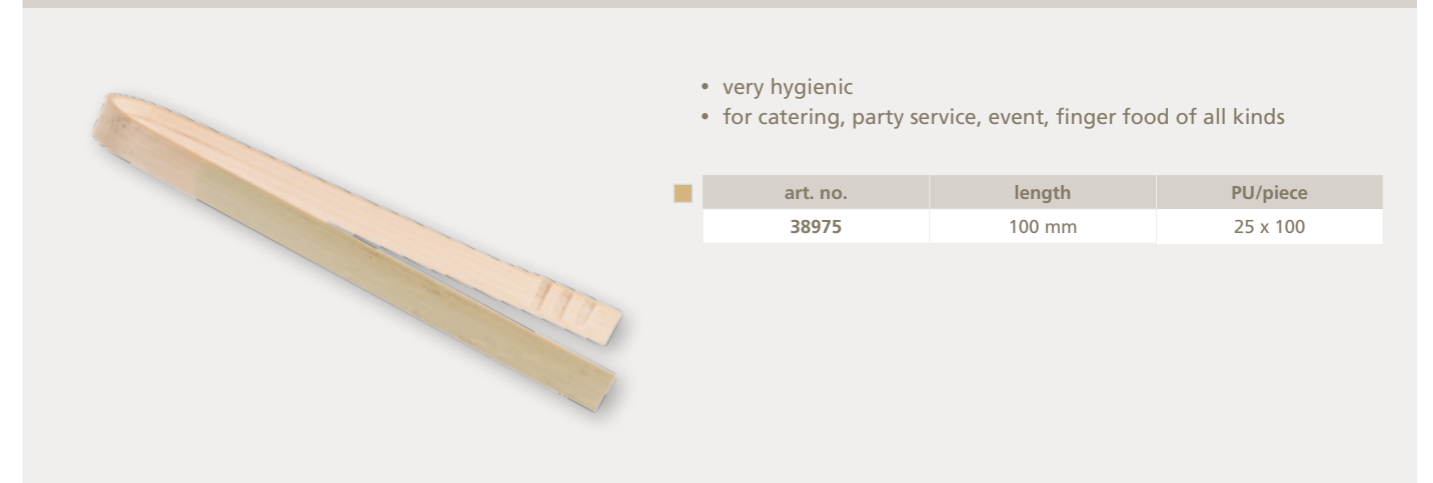
Bio fruit fork | bamboo



- two-pronged for easy skewering, tasteless
- very stable, very eco-friendly, 100% compostable
- for fruits, chocolate fondue, fingerfood buffet

art. no.	length	PU/piece
388511	90 mm	10 x 100

Bio tongs | bamboo



- very hygienic
- for catering, party service, event, finger food of all kinds

art. no.	length	PU/piece
38975	100 mm	25 x 100

Raw material sugarcane – valuable waste material, quickly renewable

The quick growing sugarcane originates, like bamboo, from the sweet grass family. It is the most important raw material source for the world's sugar production.

Sugarcane is rolled and squeezed to extract sugar juice. A fibrous portion is left behind, known as bagasse. Normally **bagasse** is a waste material, which is being burnt. For the manufacture of **NATUREStar** products these particularly tough fibres are ground into a uniform pulp through the addition of water and natural binder. The pulp is then processed and pressed into different forms. This results in new innovative products with comparable dual values.

And in addition no trees need to be felled!

The sugarcane tableware are white, elegant and light whilst still being robust. Therefore they are even suitable for heavy meals. They are also water resistant, resistant to oil and fat, suitable for microwaves and refrigerators as well as heat-resistant up to 100 °C.

NATUREStar plates, bowls, lunch or hamburger boxes fulfill the requirements of standard EN 13432 for guaranteed compostability. Specifically this means that all products are 100% compostable and biodegradable.





Bio drinking cup | bagasse



- water resistant, resistant to oil and fat
- stackable, very space-saving
- suitable for microwaves and refrigerators

<input type="checkbox"/>	art. no.	size	PU/piece
	401100	0,2 l / 8 oz	20 x 50
	401200	0,3 l / 12 oz	

Bio plate – oval / square / rectangular | bagasse



- stackable, very space-saving
- water resistant
- resistant to oil and fat
- suitable for microwaves and refrigerators

SINGLE – oval

<input type="checkbox"/>	art. no.	size	PU/piece
	41023 NEW	23 x 16,5 cm	10 x 50
	41027	26,5 x 20 cm	10 x 50
	41032	32 x 25,8 cm	10 x 25

DOUBLE – oval, 2-divided

<input type="checkbox"/>	art. no.	size	PU/piece
	410272 NEW	26 x 19 cm	10 x 50

square

<input type="checkbox"/>	art. no.	size	PU/piece
	41018	17 x 17 cm	20 x 50
	41020	20 x 20 cm	20 x 50
	41024	24,8 x 24,8 cm	10 x 50
	41028	26 x 26 cm	2 x 125

rectangular

<input type="checkbox"/>	art. no.	size	PU/piece
	41010 NEW	26 x 13 cm	20 x 50



Bio plate – round | bagasse



- stackable, very space-saving
- water resistant
- resistant to oil and fat
- suitable for microwaves and refrigerators

SINGLE – round

<input type="checkbox"/>	art. no.	size	PU/piece
	41015	Ø 15,3 cm	20 x 50
	41017	Ø 17 cm	8 x 125
	41022	Ø 22,4 cm	20 x 50
	41026	Ø 26 cm	10 x 50

DOUBLE – round, 2-divided

<input type="checkbox"/>	art. no.	size	PU/piece
	41021	Ø 22 cm	20 x 50

TRIPLE – round, 3-divided

<input type="checkbox"/>	art. no.	size	PU/piece
	41025	Ø 26,3 cm	12 x 40





Bio tableware | bagasse

- 100% compostable
- suitable for microwaves and refrigerators
- elegant design with embossing
- stackable, very space-saving
- water resistant, resistant to oil and fat
- for catering, kitchen, snack bar, events

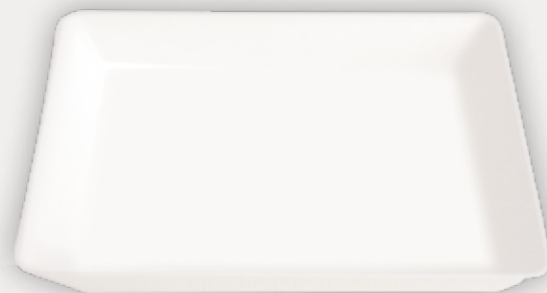


plate ELEGANZA – square

<input type="checkbox"/>	art. no.	size	PU/piece
	410180	17 x 17 cm	10 x 50
	410200	22 x 22 cm	



bowl ELEGANZA – square

<input type="checkbox"/>	art. no.	size	PU/piece
	411900	900 ml	10 x 50



plate GOURMET – round

<input type="checkbox"/>	art. no.	size	PU/piece
	410260	Ø 27 cm	10 x 50

soup plate GOURMET – round

<input type="checkbox"/>	art. no.	size	PU/piece
	410220	Ø 23 cm	10 x 50

Bio bowl / lid | bagasse



- stackable, very space-saving
- water resistant
- resistant to oil and fat
- suitable for microwaves and refrigerators

lid

<input type="checkbox"/>	art. no.	size	PU/piece
	41141	Ø 11 cm	20 x 25

bowl

<input type="checkbox"/>	art. no.	size	PU/piece
	41142	Ø 10,8 cm, 425 ml, height 8,5 cm	20 x 25

Bio dressing bowl | bagasse



- stackable, very space-saving
- water resistant, resistant to oil and fat
- to fill in small amounts of sauces or dressings
- suitable Bio lid made of CPLA art. no. 40011 (on page 66)

<input type="checkbox"/>	art. no.	size	PU/piece
	41106	ø 6 cm, 60 ml	10 x 50



Bio bowl | bagasse



- stackable, very space-saving
- water resistant, resistant to oil and fat
- suitable for microwaves and refrigerators

deep

<input type="checkbox"/>	art. no.	size	PU/piece
	41110	Ø 10 cm, 250 ml, height 4,3 cm	20 x 50
	41115	Ø 12 cm, 370 ml, height 4,5 cm	20 x 50
	41150 NEW	Ø 15,5 cm, 500 ml, height 4 cm	20 x 50
	41185	Ø 17 cm, 850 ml, height 6 cm	20 x 25



flat

<input type="checkbox"/>	art. no.	size	PU/piece
	41140	Ø 16 cm, 400 ml, height 3,5 cm	
	41146	Ø 18 cm, 460 ml, height 3,8 cm	20 x 50
	41168	Ø 19 cm, 680 ml, height 4 cm	

Bio fingerfood spoon | bagasse



- teardrop shape
- also usable as mini-bowl for presenting fingerfood
- water resistant
- oil- and grease resistant

<input type="checkbox"/>	art. no.	size	PU/piece
	41230	Ø 22 cm, 10,5 x 5,5 cm	30 x 20

Bio lunchbox | bagasse



41217

- stackable, very space-saving
- water resistant, resistant to oil and fat
- suitable for microwaves and refrigerators

SINGLE – rectangular

<input type="checkbox"/>	art. no.	size	PU/piece
	41217	17 x 12,5 x 4,9 cm	10 x 50



41222

HAMBURGER – rectangular

<input type="checkbox"/>	art. no.	size	PU/piece
	41218	18,5 x 13,5 x 6,5 cm	10 x 50
	41222	22,5 x 20 x 9 cm	10 x 25

HAMBURGER – square

<input type="checkbox"/>	art. no.	size	PU/piece
	41215	15 x 15 x 8 cm	10 x 50
	41224	23 x 23 x 8,5 cm	10 x 25



41225

DOUBLE – 2-divided inside

<input type="checkbox"/>	art. no.	size	PU/piece
	41225	24,5 x 16 x 6,8 cm	10 x 25



41226

TRIPLE – 3-divided inside

<input type="checkbox"/>	art. no.	size	PU/piece
	41223	22,5 x 20 x 9 cm	10 x 25
	41226	23 x 23 x 8,5 cm	10 x 25



Bio bowl / tray | bagasse **NEW**

- from environmentally friendly bagasse (sugarcane fibers)
- **100% compostable** according to EN 13432
- water resistant, resistant to oil and fat
- suitable for microwaves, oven and refrigerators
- bowls are also practically stackable with lid
- matching lid (item 411411) made of recycled PET, sold separately
- can be used at temperatures between - 40°C and + 70°C
- ideal for all takeaway areas and presentation in the cool counter
- suitable lid made of recycling PET seperately available (on page 66)



bowl – round

art. no.	size	PU/piece
41190	900 ml, Ø 19,4 cm	12 x 40



tray – rectangular

art. no.	size	PU/piece
41144	1.200 ml, 23 x 15,6 x 4,5 cm	12 x 40
41140	900 ml, 23 x 15,6 x 3,1 cm	

Bio bowl / tray | bagasse **NEW**



Raw material corn starch – natural bio-plastics

What appears at first glance to be plastic made of petroleum, is in fact a natural and completely degradable bio-plastic. It is mainly made from corn starch and known as polylactide (**PLA**).

As PLA is not a heat-resistant product, powder-talc is added causing the PLA to crystallise; this creates **CPLA** (C stands for „crystallised“ PLA).

Crystallisation makes it particularly robust and heat-resistant up to 90°C.

The production of CPLA produces 60% less CO₂ emissions than the production of “normal” PET/PS plastics.

Disposal

After use bio-plastics can either be **industrially composted, fermented or recycled**:

- Through **industrial composting** the material decays to CO₂ and water.
- Fermentation **produces** recyclable bio-gas.
- Through **recycling** the used CPLA can be collected as corn starch once again, so it can be reused in the next step for manufacturing new bio-plastic products.
- In each case CO₂ and other material cycles remain intact.

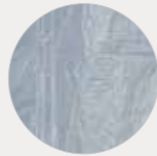


World's first!

Available from November 2019!



Bio apron GREEN | PLA **NEW**



- **100% compostable** according to EN 13432
- hard-wearing and liquid-tight like conventional PE aprons
- suitable for direct contact with food
- innovative, **environmentally friendly alternative** for those who need disposable clothing due to hygiene regulations, but still value sustainability
- ideal for the food industry, catering and service sector

art. no.	size	PU/piece
234253	107 x 70 cm	10 x 100
234243	125 x 70 cm	

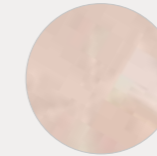
How vegetables become an organic glove

The organic clothing is made from so-called PLA (polylactides). PLA is a bio-plastic obtained solely from plants. Starting material is starch from corn plants. NATUREStar's disposable garments use only industrial corn and no food crops. Fermentation produces lactic acids, which are first processed into granules and later into films. Disposable aprons and gloves are made from this film.

Since only renewable raw materials are used, the clothing is 100% compostable and sustainable. Another plus: Up to 70% less CO₂ is emitted during production, than with conventional plastic.

Bio glove GREEN | PLA **NEW**

Unique!



- **100% compostable** according to EN 13432
- suitable for direct contact with food
- innovative, **environmentally friendly alternative** for disposable PE-gloves
- good sense of touch and comfortable to wear
- ideal for the food industry, catering and service sector

art. no.	size	PU/piece
261493	L	10 x 500
264593	M	





EN
13432

Bio lid for Bio cups | CPLA



- made from CPLA
- very robust and flavourless

art. no.	size	PU/piece
40076 NEW	ø 6,2 cm	
40026	ø 8 cm	20 x 50
40046	ø 9 cm	

Bio cup COOL | PLA **NEW**



- with filling line and foam edge
- environmentally friendly alternative to plastic cups
- ideal for all to go areas, for soft drinks, water, ice tea or alcoholic beverages such as beer
- **100% compostable** according to EN 13432
- from 100,000 pieces upwards printable

your brand

art. no.	size	PU/piece
423840	0,2 l / 8 oz	30 x 50
423841	0,3 l / 12 oz	20 x 50
423842	0,4 l / 16 oz	16 x 50
423843	0,5 l / 18 oz	16 x 30

Bio drinking straw | PLA



- made of bio plastic PLA (polylactides)
- rigid or with kink
- environmentally friendly alternative to plastic straws
- for cocktails, drinks, sodas and soft drinks



art no.	designation / size	PU/piece
420101	COCKTAIL rigid, Ø 7 mm, 135 mm	
420102	JUMBO rigid, Ø 7 mm, 210 mm	20 x 500
420103	FLEX, bended, Ø 7 mm, 210 mm	

Bio lid for Bio cups | CPLA



Bio cutlery / cutlery sets | CPLA



- robust, flavourless, stackable, so very space-saving
- 100% compostable** according to EN 13432
- for snack bars, catering, events



fork

	art. no.	length	PU/piece
<input type="checkbox"/>	42410	16,5 cm	10 x 100

knife

<input type="checkbox"/>	42420	16,5 cm	10 x 100
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spoon

<input type="checkbox"/>	42430	16,5 cm	10 x 100
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dessert spoon

<input type="checkbox"/>	42440 NEW	12,7 cm	20 x 50
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- single wrapped in **compostable** organic PLA-bags
- different variations: 1 or 2-ply napkin, 1/8 or 1/12 fold
- more features see above



DOUBLE – consisting of knife, fork & recycling napkin (nature, 2-ply, 1/8 fold)

	art. no.	length	PU/piece
<input checked="" type="checkbox"/>	424000	16,5 cm	4 x 50

DOUBLE – consisting of knife, fork & napkin (white, 2-ply, 1/8 fold)

<input type="checkbox"/>	424002 NEW	16,5 cm	4 x 50
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DOUBLE ECO – consisting of knife, fork & napkin (white, 1-ply, 1/12 fold)

<input type="checkbox"/>	424001 NEW	15 cm	4 x 50
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FORK – consisting of fork & napkin (white, 2-ply, 1/12 fold))

<input type="checkbox"/>	424003 NEW	16,5 cm	4 x 50
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SPOON – consisting of spoon & napkin (white, 2-ply, 1/12 fold)

<input type="checkbox"/>	424004 NEW	16,5 cm	4 x 50
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TRIPLE – consisting of knife, fork, spoon & napkin (white, 2-ply, 1/8 fold)

<input type="checkbox"/>	424005 NEW	16,5 cm	4 x 50
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424005

Bio cutlery / cutlery sets | Mater-Bi **NEW**



- very stable and hard to break**
- flavourless
- heat resistant up to 70°C
- natural brown colour
- stackable, very space-saving
- 100% compostable** according to EN 13432



fork

	art. no.	length	PU/piece
<input checked="" type="checkbox"/>	424101	16,6 cm	10 x 100

knife

<input checked="" type="checkbox"/>	424201	17 cm	10 x 100
-------------------------------------	--------	-------	----------

spoon

<input checked="" type="checkbox"/>	424301	16,6 cm	10 x 100
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dessert spoon

<input checked="" type="checkbox"/>	424401	12 cm	5 x 100
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What is Mater-Bi?

Mater-Bi is the brand name for an innovative bio-plastic. Mater-Bi consists over 85% of corn starch.

- advantage of cutlery: Mater-Bi is extremely robust and hard to break
- 100% compostable
- made of renewable raw materials

- 2-ply napkin, 33 x 33 cm, 1/8-fold
- more features see above



STANDARD – consisting of knife, fork & napkin (white, 2-ply, 1/8-fold)

	art. no.	length	PU/piece
<input checked="" type="checkbox"/>	424012	16,7 cm	500

PREMIUM – consisting of knife, fork, spoon & napkin (white, 2-ply, 1/8 fold)

	art. no.	length	PU/piece
<input checked="" type="checkbox"/>	424015	16,7 cm	500

Bio salad bowls with lid / dessert and salad bowl | PLA

NEW



423900



423904



423907



Bio salad bowls with lid

- transparent bowls for all takeaway areas
- good to close with **hinged lid**
- **100% compostable** according to EN 13432
- ideal for salads, delicacies and cold dishes
- environmentally friendly alternative for plastic-bowls

☐

art. no.	size	PU/piece
423900	250 ml, 12,6 x 11,7 x 4,3 cm	14 x 50
423901	370 ml, 12,6 x 11,7 x 5,6 cm	14 x 50
423902	500 ml, 13,5 x 12,5 x 5,6 cm	12 x 50
423904	750 ml, 18,8 x 14,3 x 5,2 cm	8 x 50
423905	1.000 ml, 18,8 x 14,3 x 6,7 cm	8 x 50
423907	570 ml, 21,7 x 16,7 x 2,0 cm	14 x 25
423908	1.000 ml, 21,7 x 16,7 x 3,5 cm	12 x 25
423909	1.500 ml, 21,7 x 16,7 x 5,5 cm	10 x 25

Bio dessert and salad bowl

- transparent bowls for cold dishes
- made from PLA, a vegetable bio-plastic (polylactides)
- **100% compostable** according to EN 13432
- ideal for salads and delicacies
- environmentally friendly alternative for plastic-bowls

☐

art. no.	size	PU/piece
423911	300 ml, Ø12,6 cm, deep 4,6 cm	24 x 50

Bio salad bowls with lid | PLA

NEW

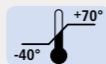


Bio lid for bowl and tray | rPET

NEW



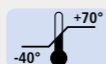
- round, hard to break, from 80% recycled PET bottles
- with flap for quick opening and closing
- suitable for bio bowl art. no. 41190 (on page 54)



art. no.	size	PU/piece
411411	Ø 20,3 cm	12 x 40



- rectangular, hard to break, from 80% recycled PET bottle
- suitable for bio bio tray art. no. 41144 und 411440 (on page 54)



art. no.	size	PU/piece
411412	23,7 x 16,3 cm	12 x 40

Bio lid for dressing bowl | CPLA



- made from CPLA
- very robust and shatter-proof, flavourless
- use: snack bars, catering, events
- suitable for bio dressing bowl art. no. 41106 (on page 51)



art. no.	size	PU/piece
40011	Ø 6,5 cm	10 x 250

Multi-purpose cloth TETRA BIO | viscose / PLA mixture

NEW



- **compostable cleaning cloth**
- made of viscose / PLA mixture
- very tightly needled, very hard wearing
- reusable
- especially for cleaning stainless steel without streaks and smears



	art. no.	size	PU/piece
<input type="checkbox"/>	31415		
<input checked="" type="checkbox"/>	31425		
<input checked="" type="checkbox"/>	31435	40 x 38 cm	10 x 10
<input checked="" type="checkbox"/>	31445		
<input checked="" type="checkbox"/>	31455		

coloured mix

art. no.	size	PU/piece
31305	40 x 38 cm	26 x 10

Bio trash bag | corn starch



- biofoil made from corn starch
- biodegradable and compostable
- very stable and heat resistant

	art. no.	size	strength	PU/piece
<input checked="" type="checkbox"/>	322909	20 l, 54 x 41 cm	approx. 16 micron	20 x 20
	32291	24 l, 60 x 45 cm	approx. 30 micron	54 x 10



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