

BIO DISPOSABLES

made of 100% renewable raw materials







online shop www.franz-mensch.de



ready for dispatch



free sample service



pallet price



discount range

Quanity makes price!

Do you have a higher demand for organic products? Ask for your personal offer under **phone:** +49 8241 9633-0 or send an e-mail to **verkauf@franz-mensch.de**.

As a manufacturer, we offer you a versatile range of organic products – at extremely low prices. Compare!

For professionals:



We print many organic products (coffee cups, drinking straws etc.) print individually with your logo. Ask for favourable printing prices.

We look forward serving you!

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Quality products directly from the manufacturer. For over 45 years.

Franz Mensch is an owner-managed family company in the second generation located in Buchloe.

For over 45 years we produce and trade worldwide with disposable articles, hygiene clothing and professional safety products.

Sustainability is not a trend for us, but a challenge that has been growing for many years and to which we attach great importance.

We have been supporting a wide variety of rainforest projects for more than 10 years and promoting its conservation. Last but not least, we want to set an example with the **NATURE**Star product line and be a signpost for sustainability.

We see ourselves as an innovative and growing company with the ambition to continuously improve, to develop new innovative products, to create jobs and to produce and trade sustainably.

Our company is ISO 9001:2015 and FSC[™] certified.



Management System ISO 9001:2015

www.tuv.com ID 9105052868



The mark of







Ecological and economical – responsibility for humans and nature

For many years Franz Mensch GmbH has been consistently committed to environmental protection. A healthy natural environmental 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: **NATURE***Star* 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 **NATURE**Star 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.







FSCTM How to recognize sustainable wood products

The FSC^{TM} system and its standards ensure sustainable use of forests according to the social, economic and ecological needs. For the manufacture of FSC^{TM} products, compliance with the following requirements applies: Only FSC^{TM} -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^{TM} -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^{TM} -certified products when ordering.



The mark of responsible forestry



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.





One of the twelve subfamilies of the sweet grasses family is bamboo. It grows up to a meterperday. Afterfiveyears, 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



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.











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 stable and heat-resistant up to 90°C.

from page 56













Find your ideal organic material - versatile and naturally powerful

organic material		re resistance	oven	freeze	grease	liquids	certified according to
	min.	max.		110000	9		EN 13432
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 **NATURE***Star* 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 stable 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^TM certified.



The mark of responsible forestry





Bio toothpicks | birch wood



- 2 sharpen, polished
- for daily use in cantines, 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
anniel de la company de la com	Military		









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), tested quality
- 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







Bio cutlery | FSC[™]-certified birch wood



- made from FSC[™]-certified birch wood
- natural beautiful look
- flavourless
- 100% biodegredable



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



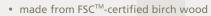






Bio cutlery sets | FSC[™]-certified birch wood





- single wrapped sets in Kraft paper
- different variations
- environmentally friendly and high quality
- 100% biodegredable





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



Bio cutlery pouch | FSCTM-certified paper **NEW**



- made of FSCTM-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 **NATURE***Star*





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 viscously 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	



Bio wooden boat | pine wood



- 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 stable 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 stable 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 stable 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













Bio drinking straws JUMBO − rigid | FSCTM-certified paper **NEW**



- extra large diameter Ø 8 mm
- made of FSC[™]-certified paper
- unbleached
- very stable 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**







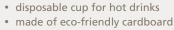
These products are also available FSC[™] certified on request



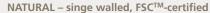


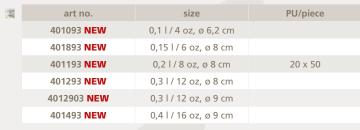
Bio cups | cardboard PLA coated



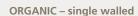


- with biodegradable PLA coating for higher tightness
- 100% compostable according to EN 13432
- from 50,000 pieces upwards in up to 7 colours printable (Tip: use our call order option and benefit from individual partial deliveries)

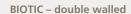








a)	art no.	size	PU/piece
	40109 NEW	0,1 l / 4 oz, ø 6,2 cm	
	40189 NEW	0,15 l / 6 oz, ø 8 cm	
	40119	0,2 l / 8 oz, ø 8 cm	20 x 50
	40129	0,3 l / 12 oz, ø 8 cm	
	401290 NEW	0,3 l / 12 oz, ø 9 cm	
	40149 NEW	0,4 l / 16 oz, ø 9 cm	



0	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 cardboar, 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	40 x 25
40229	0,3	



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

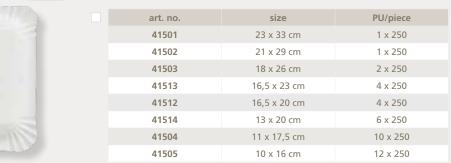


- 100% uncoated fresh fibre
- extremely white and hygienic look thanks to fresh fibre
- ideal for dry foods
- strong and sturdy
- ecological alternative to plastic plates
- for snacks, catering, takeaway

round

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













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

ı	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
- FSCTM-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
- FSCTM-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

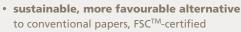
art. no.	size	PU/piece
304035	23 x 19 cm	20 x 225





unique!

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





- 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





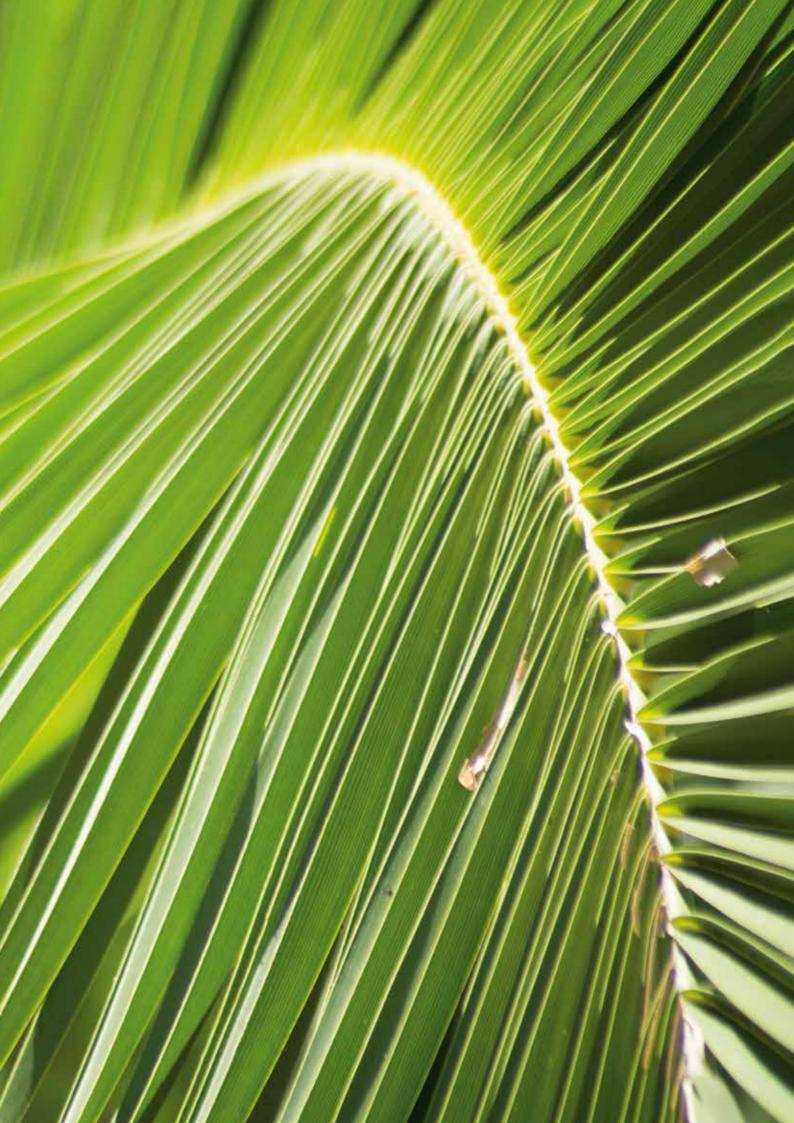
Bio towel roll | recycling tissue **NEW**



- sustainable and more favourable than papers made of cellulose
- food safe
- FSCTM-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 waterial 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







• 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



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 waterial 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 **NATURE**Star 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 FSCTM-certified.



The mark of responsible forestry







- made of bamboo, polished tips
- very stable and environmentally friendly, flavourless
- for daily use in cantines, 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 skewers | bamboo



- extremely hard and stable, 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 skewers FLAG | bamboo



- easy to grip
- for catering, party service, restaurants (Asian)

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

l	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 recognicable for service staff and guests
- very stable and environmentally friendly, tasteless
- for restaurants, party service and catering

WELL

389523

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
VEGGIE		
389522	90 mm	40 x 250
VEGAN		

90 mm



40 x 250

Bio finger food skewers LOOP | bamboo



nature, in dispenser box

38967

38968

38969

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

Ø 3 mm, 120 mm

Ø 3 mm, 150 mm

Ø 3 mm, 180 mm

PU/piece

40 x 250





black

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

black and looped

38961 90 mm 38962 120 mm 40 x 250	PU/piece
38962 120 mm 40 x 250	
	40 x 250
38963 150 mm	
38964 180 mm	

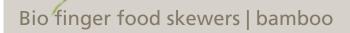






Bio finger food skewers LOOP | bamboo







- easy to grip
- for catering, party service, restaurants (Asian)





art. no.	length	PU/piece
38941	120 mm	10 x 100
art. no.	length	PU/piece
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















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

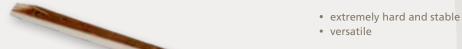


ART – with different designs, assorted colours

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

Bio skewers NATUR | bamboo





art. no.	length	PU/piece
38971	120 mm	10 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 chopsticks | bamboo





• pairs wrapped in paper, for Asian food

art. no.	length	PU/piece
38930	21 cm	30 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 **NATURE**Star 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 stable. 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.

NATURE*Star* 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

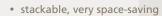


- water resistant, resistant to oil and grease
- stackable, very space-saving
- suitable for microwaves and refrigerators

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





- water resistant
- esistant to oil and grease
- suitable for microwaves and refrigerators



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



art	no.	size	PU/piece
41027	2 NEW	26 x 19 cm	10 x 50

square

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

art. no.	size	PU/piece
41010 NEW	26 x 13 cm	20 x 50













Bio plate - round | bagasse





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

SINGLE – round

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

art. no.	size	PU/piece
41021	Ø 22 cm	20 x 50

TRIPLE – round, 3-divided

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 grease
- for catering, kitchen, snack bar, events



art. no.	size	PU/piece
410180	17 x 17 cm	10 x 50
410200	22 x 22 cm	

bowl ELEGANZA - square

art. no.	size	PU/piece
411900	900 ml	10 x 50



plate GOURMET - round

art. no.	size	PU/piece
410260	Ø 27 cm	10 x 50

soup plate GOURMET - round

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 grease
- suitable for microwaves and refrigerators

lid

art. no.	size	PU/piece
41141	Ø 11 cm	20 x 25

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 grease
- to fill in small amounts of sauces or dressings
- suitable Bio lid made of CPLA art. no. 40011 (on page 66)

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 grease
- suitable for microwaves and refrigerators

deep

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

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 fngerfood
- water resistant
- resistant to oil and grease

art. no.	size	PU/piece
41230	Ø 22 cm, 10,5 x 5,5 cm	30 x 20









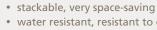




Bio lunchbox | bagasse



41217



- water resistant, resistant to oil and grease
- suitable for microwaves and refrigerators

SINGLE – rectangular

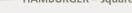
art. no.	size	PU/piece
41217	17 x 12,5 x 4,9 cm	10 x 50

HAMBURGER – rectangular

а	rt. no.	size	PU/piece
	41218 18,	5 x 13,5 x 6,5 cm	10 x 50
	41222 2	2,5 x 20 x 9 cm	10 x 25

HAMBURGER – square

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



	art. 110.	Size	ro/piece
	41215	15 x 15 x 8 cm	10 x 50
41222	41224	23 x 23 x 8,5 cm	10 x 25

DOUBLE - 2-divided inside

art. no.	size	PU/piece
41225	24,5 x 16 x 6,8 cm	10 x 25





TRIPLE - 3-divided inside

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 grease
- suitable for microwaves, oven and refrigerators
- bowls are also practically stackable with lid
- matching lid (item 411411) made of recycled PET, sold separately
- $\bullet\,$ 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)



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



art. no.	size	PU/piece
41144	1.200 ml, 23 x 15,6 x 4,5 cm	12 x 40
411440	900 ml, 23 x 15,6 x 3,1 cm	

















Raw waterial coru starch - uatural 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 mailny 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 stable and heat-resistant up to 90°C.

The production of CPLA produces 60% less CO_2 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.

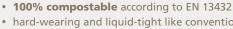




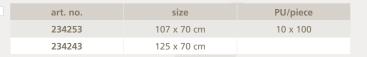
World's first!

Available from November 2019!

Bio apron GREEN | PLA NEW



- 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





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, thanwith conventional plastic.









Bio glove GREEN | PLA **NEW**





- 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 wearideal for the food industry, catering and service sector







- made from CPLA
- very stable 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



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







- 100% compostable according to EN 13432
- for snack bars, catering, events



fork

art. no.	length	PU/piece
42410	16,5 cm	10 x 100
knife		
42420	16,5 cm	10 x 100
spoon		
42430	16,5 cm	10 x 100
dessert spoon		
42440 NEW	12,7 cm	20 x 50

- single wrapped in **compostable** organic PLA bags
- different variations: 1 or 2-ply napkin, 1/8 or 1/12 fold
- more features see above













art. no.	length	PU/piece
424000	16,5 cm	4 x 50

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

424002 NEW	16,5 cm	4 x 50

DOUBLE ECO - consisting of knife, fork & napkin (white, 1-ply, 1/12 fold)

424001 NEW	15 cm	4 x 50
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FORK - consisting of fork & napkin (white, 2-ply, 1/12 fold))

424003 NEW 16,5 cm 4 x 50

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

424004 NEW	16,5 cm	4 x 50

TRIPLE - consisting of knife, fork, spoon & napkin

	•	
(white, 2-ply, 1/8 fold)		
424005 NEW	16,5 cm	4 x 50











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
424101	16,6 cm	10 x 100
knife		
424201	17 cm	10 x 100
spoon		
424301	16,6 cm	10 x 100
dessert spoon		
424401	12 cm	5 x 100

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 stable 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
424012	16,7 cm	500

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

art. no.	length	PU/piece
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 stable 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
31415		
31425		
31435	40 x 38 cm	10 x 10
31445		
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
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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