

## Alternatives to banned plastic products







## New rules on single-use plastics to reduce marine plastic litter

With the implementation of a plastic ban entering into force on July 3, 2021 as one initiative to reach cleaner waters, the EU has changed the platform on which we operate. Single-use plastic cutlery, plates, stirrers and straws along with cups, food and beverage containers made of expanded polystyrene (extruded polystyrene is still allowed) will be forbidden.

In line with ABENA's philosophy of finding the right solutions for our customers' needs, we would like to equip you with the best possible tools of figuring out which other products and materials to choose as replacements for the soon-to-be banned products. To do so, we have created a mini-catalogue for easy navigation and selection in our vast assortment of possible alternatives.

#### Bagasse

Leftover fibers from sugar cane production, which are 100% natural. Products in bagasse are very sturdy, well suited for hot and cold foods as well as for heating in the microwave oven and comes in many attractive designs providing a premium alternative.





#### Wood

An eco-friendly choice because of its origin and therefore fully biodegradable and compostable. Furthermore, wood being a clean label alternative, also has the advantage of being 100% renewable.

#### Reusable

As a contrast to traditional disposable tableware, reusable and washable products made of 100% recyclable PP is also an option to choose. Tested and passed up to 125 washing cycles according to EN 12875-1:2005 make the products completely dishwasher-safe. By choosing reusable in PP, you get a circular, lighter and unbreakable alternative to glass and porcelain.





#### Paper/cardboard

With its natural origin and wide selection, ranging from 100% natural to various coating options, paper is a cost effective alternative without compromising too much on functionality.

# Single-use plates in plastic and with a plastic coating



#### **Plates**



#### Bagasse Plates, Abena Gastro

Item number	Dimensions	Features	Color	Material	Pcs per pk
5187	Ø18 cm	Compostable	White	Sugar cane	50
5188	Ø23 cm	Compostable	White	Sugar cane	50
5189	Ø26 cm	Compostable	White	Sugar cane	50
5627	Ø26 cm	Compostable	White	Sugar cane	50
5628	Ø18 cm	Compostable, deep	White	Sugar cane	50
5190	19×26 cm	Compostable	White	Sugar cane	50







#### Bagasse and Bamboo Plates



Item number	Dimensions	Features	Color	Material	Pcs per pk
1000008326	23.5×23.5×1.3 cm	Compostable	Brown	Sugar cane, bamboo	50
1000009110	16×16×1 cm		Brown	Sugar cane, bamboo	50
1000009111	14×14×3 cm		Brown	Sugar cane, bamboo	50





#### Biobarrier Paper Plates, Abena Gastro



Item number	Dimensions	Features	Color	Material	Pcs per pk
1999900160	Ø18 cm	Biobarrier	White	Paperboard	50
1999900161	Ø23 cm	Biobarrier	White	Paperboard	50





#### Paper Plates, Abena Gastro



Item number	Dimensions	Thickness	Color	Material	Pcs per pk
5630	Ø18 cm	205 g/m²	White	Paperboard	100
5635	Ø23 cm	230 g/m²	White	Paperboard	100
132277	Ø23 cm	200 g/m²	White	Paperboard	50





#### **Plates**



#### Reusable Plates, Abena Gastro













#### Premium Reusable Plates, Abena Gastro

Item number	Dimensions	Volume, net	Color	Material	Pcs per pk
1999903798	Ø20.7 cm	550 ml	Black	PP	12
1999903799	Ø18 cm		Black	PP	12
1999903800	Ø23 cm		Black	PP	12
1999903801	Ø25 cm		Black	PP	12











#### ABENA GASTRO REUSABLE PLATES

- Dishwasher safe tested and passed 125 washing cycles according to EN 12875-1:2005
- Unbreakable unlike traditional tableware such as glass and porcelain
- Less CO<sub>2</sub> emissions compared to regular plastic disposables
- Lighter than glass and porcelainno heavy lifting

### Rethink your plates

#### It's all in the coating

As of July 2021, single-use PE coated paper plates will be banned in the EU.

When there is a need for single-use paper plates that can hold moisture and grease, one of the options is actually the most natural of them all:

Paper plates, coated with natural starch.

ABENAs new paper plates are environmentally friendly, without compromising quality. The plates are fully biodegradable, compostable, free of OBA and with no flourinated chemicals.

PLASTIC FREE

	<b>Eco-Barrier</b>	PE
Temperature	Up to 180°C	Up to 90°C
Microwaveable	~	×
Freezeable	~	~
Resistant to grease	~	~
Resistant to water	~	~
Barrier for gas/aromatic	~	~
Recyclable	~	×
Biodegradable	<b>~</b>	×
Compostable	~	×

Art. no.

Product

1999900160 1999900161 Paper plate, Abena Gastro, Ø18 cm, white Paper plate, Abena Gastro, Ø23 cm, white



## Single-use plastic cutlery



#### Cutlery



#### Reusable Cutlery, Abena Gastro

Item number		Dimensions	Color	Material	Pcs per pk
1999903101	Fork	18 cm	Grey	PP	50
1999903100	Knife	18.7 cm	Grey	PP	50
1999903102	Spoon	18.5 cm	Grey	PP	50









#### Cutlery set



Item number	Dimensions	Features	Color	Material	Pcs per pk
1000009523	160 mm	Knife, fork and napkin	Brown	Birch wood, virgin fiber	400







#### Premium Wooden Cutlery, Abena Gastro

Item number		Dimensions	Features	Color	Material	Pcs per pk
1010001376	Fork	18.2 cm	Premium, compostable	Brown	Birch wood	100
1010001375	Knife	19.4 cm	Premium, compostable	Brown	Birch wood	100
1010001377	Spoon	18.6 cm	Premium, compostable	Brown	Birch wood	100







#### Wooden Cutlery, Abena Gastro

Item number		Dimensions	Features	Color	Material	Pcs per pk
5396	Fork	16.5 cm	Compostable	Brown	Birch wood	100
5395	Knife	16.5 cm	Compostable	Brown	Birch wood	100
5397	Spoon	16.5 cm	Compostable	Brown	Birch wood	100
132444	Teaspoon	11 cm	Compostable	Brown	Birch wood	100
1000013996	Ice Cream Spoon	9.5 cm	Compostable	Brown	Birch wood	100
1000013999	French Fries Fork	8.5 cm	Compostable	Brown	Birch wood	100





# Single-use straws, cocktail sticks and stirrers in plastic



#### Supplement



#### Paper Straws, Abena Gastro

Item number	Dimensions	Features	Color	Material	Pcs per pk
1999901375	24 cm, Ø6 mm	With bend	Brown	Paperboard	250
1000011030	25 cm, Ø8 mm		Brown	Paperboard	100
1000011499	19.5 cm, Ø8 mm		Brown	Paperboard	100
1000011024	19.5 cm, Ø6 mm		Brown	Paperboard	250
1000011026	25 cm, Ø6 mm		Brown	Paperboard	250







#### Toothpicks, Abena Gastro

Item number	Dimensions	Features	Color	Material	Pcs per pk
6634	6,5 cm	Round, with tip at both ends, individually wrapped in foil	Brown	Birch wood	1000
132239	6,5 cm	Round, with tip at both ends, packed loose	Brown	Birch wood	1000







#### Stirrers

Item number	Dimensions	Features	Color	Material	Pcs per pk
5598	14 cm	With rounded ends	Brown	Birch wood	1000
5176	19 cm	With rounded ends	Brown	Birch wood	1000
1010001450	14 cm	With rounded ends, single-packed in paper	Brown	Birch wood	500





### Single-use EPS bowls



#### Soup Bowls



#### **Portion Cups**

Item number	Dimensions	Volume, net	Color	Material	Pcs per pk
1010001158	5.2 cm, Ø7.6 cm	120 ml/ 4 oz	White	Sugar cane	50
1010001157	2,8 cm, Ø6,8 cm	60 ml/ 2 oz	White	Sugar cane	50





#### Kraft Bowls

Item number	Dimensions	Volume, net	Color	Material	Pcs per pk
1999903110	6.8 cm, Ø11.1 cm	480 ml/ 16 oz	Brown	Paperboard, PE	50
1999902517	6.6 cm, Ø18.7 cm	1100 ml/ 38 oz	Brown	Paperboard, PE	50
1999903111	6.9 cm, Ø14.5 cm	730 ml/ 25 oz	Brown	Paperboard, PE	50









#### PLA Cups, World Art

	Item number	Dimensions	Volume, net	Color	Material	Pcs per pk
	1010001170	6 cm, Ø7.7 cm	235 ml/ 8 oz	Brown	Paperboard, PLA	50
	1010001171	6.27 cm, Ø11.45 cm	355 ml/ 12 oz	Green	Paperboard, PLA	25
,	1010001172	7.72 cm, Ø11.45 cm	470 ml/ 16 oz	Green	Paperboard, PLA	25









#### Ripple Wrap Uni-Cup, Detpak

Item number	Dimensions	Volume, net	Color	Material	Pcs per pk
131830	5.5 cm, Ø9.8 cm	240 ml/ 8 oz	Brown	Paperboard, PE	25
131831	7.9 cm, Ø9.8 cm	360 ml/ 12 oz	Brown	Paperboard, PE	25
131832	10.5 cm, Ø9.8 cm	480 ml/ 16 oz	Brown	Paperboard, PE	25







## Single-use EPS cups



#### Hot Cups



#### Hot Cups, Abena Gastro

Item number	Dimensions	Volume, net	Volume, gross	Color	Material	Pcs per pk
131671	6 cm, Ø6.5 cm	10 cl	12 cl	Black	Paperboard, PE	50
131623	9 cm, Ø8 cm	24 cl	28 cl	Black	Paperboard, PE	50
131624	11 cm, Ø9 cm	36 cl	38 cl	Black	Paperboard, PE	50
131625	13.5 cm, Ø9 cm	48 cl	49 cl	Black	Paperboard, PE	50









#### Hot Cups, Abena Gastro

Item number	Dimensions	Volume, net	Volume, gross	Color	Material	Pcs per pk
5191	7.8 cm, Ø7.2 cm	20,5 cl	21 cl	White	Paperboard, PE	50
133255	9.5 cm, Ø9 cm	30 cl	35 cl	White	Paperboard, PE	50



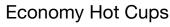






Double wall

- ideal for high
thermal
insulation



Item number	Dimensions	Volume, net	Volume, gross	Color	Material	Pcs per pk
134062	9.1 cm, Ø8 cm	24 cl	25 cl	White	Paperboard, PE	50
134063	10.9 cm, Ø9 cm	36 cl	38 cl	White	Paperboard, PE	50
1999900302	9 cm, Ø8 cm	24 cl	28 cl	White	Paperboard, PE	25
1999900303	11 cm, Ø9 cm	36 cl	40 cl	White	Paperboard, PE	25









#### PLA Hot Cups, Abena Gastro

Item number	Dimensions	Volume, net	Volume, gross	Color	Material	Pcs per pk
1000009616	6 cm, Ø6.5 cm	10 cl	12 cl	Green	Paperboard, CPLA	50
1000005748	9,1 cm, Ø8 cm	24 cl	28 cl	Green	Paperboard, CPLA	50
1000005749	11,2 cm, Ø9 cm	36 cl	38 cl	Green	Paperboard, CPLA	50
1000009617	13.5 cm, Ø9 cm	48 cl	49 cl	Green	Paperboard, CPLA	50











To see our complete and vast range of paper cups, please visit abenaonline.dk

#### FAC

All Q&A's below relate to the EU Directive 2019/904 concerning reduction of the impact of certain plastic products on the environment (also known as the SUP = single use directive) and therefore there might be additional local government initiatives on limiting consumption on not-to-be banned single-use products

Will single use plastic cutlery, straws, plates and stirrers be banned? YES Will multi-use/reusable plastic cutlery, straws, plates and stirrers be banned? NO Will single-use cups be banned? NO Will single-use plates with a plastic lining/coating be banned? YES Will single-use paper cups with a plastic lining/coating be banned? NO Will PLA products in general be banned? NO Will single-use PLA cutlery, straws and plates be banned? YES Will portion cups be banned? NO Will XPS be banned? NO, therefore menu boxes and trays in XPS will still be available Will the ban be material-specific? NO, only EPS and oxo-degradable materials are subject to the ban

#### Will EPS be banned?

YES, therefore EPS hot cups and soup cups will not be available



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