

LaboPlast® Bio | SteriPlast® Bio Disposable Samplers



- ▶ A perfect match for sampling purposes
- ▶ Complies with EU food requirements and FDA regulations
- ▶ Mainly manufactured, assembled and packed in Bürkle's own clean room
- ▶ SteriPlast® Bio sterilised by gamma rays is also available
- ▶ With ACT sustainability certification

The purity of disposable products and ecological sustainability combined perfectly!

With our **LaboPlast® Bio** and **SteriPlast® Bio** product lines, we offer you products that features all the properties for high-quality sampling. The improved specifications in this area can in part only be realised with disposable products. However to take into account environmental awareness and to safeguard ecologically sustainable trade, we also offer these disposable products made of bio-plastic.

LaboPlast® bio-products are only manufactured from renewable raw materials. SteriPlast® bio-products are also sterilised by gamma rays. Bio-PE is 100 % recyclable and is manufactured without fossil raw materials. This also involves a CO₂ saving as well as a reduction of the greenhouse effect. The complete LaboPlast Bio range is also ACT certified by My Green Lab.



Sugarcane
100 % renewable raw material

Green PE

Reduces CO₂ (2.9 t/t PE)
Reduces the greenhouse effect



100 % recyclable



What is the ACT Label?

The ACT label is the first sustainability label for laboratory products developed by the non-profit organization My Green Lab. This label provides clear information that has been verified by an independent organization, the Sustainable Management and Strategy Collaborative, regarding the environmental impact of laboratory products, making it easier to procure green products for laboratories.

The ACT label stands for Accountability, Consistency, and Transparency. Similar to the Nutri-Score for food products, it indicates how the product performs in various sustainability categories. For each product, an Environmental Impact Factor (EIF) is assigned. This factor is based on a holistic assessment of the manufacturing process, energy and water consumption, packaging, and product disposal. A lower EIF factor indicates a lower overall environmental impact and thus a more sustainable product.

For more information on the ACT Label, please visit act.mygreenlab.org



Illustration:
Sample of an ACT label for the Bürkle Bio PE disposable spoons

ACT. The Environmental Impact Factor Label		EU
Bürkle GmbH Spoon LaboPlast Bio, single-use, Bio-PE, 10 ml Bad Bollingen, Baden-Württemberg, Germany SKU 5379-0012		
Environmental Impact Scale Decreasing Environmental Impact		
1 ————— 10		
Manufacturing		
Manufacturing Impact Reduction	3.0	
Renewable Energy Use	Yes	
Responsible Chemical Management	5.0	
Shipping Impact	1.0	
Product Content	1.0	
Packaging Content	10.0	
User Impact		
Energy Consumption (kWh/day)	N/A	
Water Consumption (liters/day)	N/A	
Product Lifetime	5.0	
End of Life		
Packaging	7.0	
Product	8.9	
Innovation		
Innovative Practices	-1.0	
Environmental Impact Factor: 39.9		
Label Valid Through:		August 2025
		act.mygreenlab.org

Bio sample scoop

The Bio sample scoop made of green PE is produced in our clean room of class 7 (10,000) and individually packaged for disposable use.

Green PE bio-plastic has all the suitable properties of conventional polyethylene but is manufactured from renewable raw materials and can be completely recycled.

The sample scoop is ideal for powders, granulates and pastes.

LaboPlast® Bio scoop

- ▶ Individually packaged

SteriPlast® Bio sample scoop

- ▶ Individually packaged and sterilised by gamma rays

LaboPlast® Bio scoop

Capacity ml	Length mm	Pieces per pack	Item no.
25	141	10	5379-0001 N4
50	160	10	5379-0003 N4
100	205	10	5379-0005 N4
150	216	10	5379-0007 N4

SteriPlast® Bio sample scoop

Capacity ml	Length mm	Pieces per pack	Item no.
25	141	10	5379-1001 N4
50	160	10	5379-1003 N4
100	205	10	5379-1005 N4
150	216	10	5379-1007 N4



Sampling scoop, long handle, disposable Bio

The sampling scoop can be used to take samples of powders, granulates and pastes. The long handle makes it possible to sample larger containers even with little content or to reach through narrow openings. With the straight bottom of the scoop, the medium can be scooped up directly from the bottom of the container.

- ▶ Individually packaged and optionally sterilised

Sampling scoop, long handle, disposable Bio

Total length mm	Capacity ml	Model	Pieces per pack	Item no.
390	50	standard	10	5379-0024 N4
390	50	sterilised	10	5379-1024 N4
415	100	standard	10	5379-0025 N4
415	100	sterilised	10	5379-1025 N4



Bio sample spatula

Green PE bio-plastic has all the suitable properties of conventional polyethylene and can be completely recycled but is manufactured from renewable raw materials. As a result of the long, ergonomical-shaped, stable handle and a sharp blade, it is possible to even penetrate directly into containers such as paper or plastic sacks. The spatula is ideal for sampling powders, granulates and pastes.

LaboPlast® Bio spatula

- ▶ Individually packaged

SteriPlast® Bio sample spatula

- ▶ Individually packaged and sterilised by gamma rays

LaboPlast® Bio spatula

Total length mm	Insertion depth mm	Pieces per pack	Item no.
263	150	10	5379-0009 N4

SteriPlast® Bio sample spatula

Total length mm	Insertion depth mm	Pieces per pack	Item no.
263	150	10	5379-1009 N4



Bio sample spoon

The disposable spoon is available in two sizes, 2.5 ml (similar to a teaspoon) and 10 ml (similar to a tablespoon), and is ideal for sampling powders, granulates and fluids.

LaboPlast® Bio spoon

- ▶ Individually packaged

SteriPlast® Bio sample spoon

- ▶ Individually packaged and sterilised by gamma rays

LaboPlast® Bio spoon

Length mm	Capacity ml	Pieces per pack	Item no.
127	2,5	100	5379-0011 N4
170	10	100	5379-0012 N4

SteriPlast® Bio sample spoon

Length mm	Capacity ml	Pieces per pack	Item no.
127	2,5	100	5379-1011 N4
170	10	100	5379-1012 N4



Sampling spoon, long handle, disposable Bio

The long handle makes it easy to reach the bottoms of larger containers as well and allows for sampling of drums, jerrycans and bottles with small opening diameters.

- ▶ Individually packaged and optionally sterilised

Total length mm	Capacity ml	Model	Pieces per pack	Item no.
355	5	standard	10	5379-0021 N4
355	5	sterilised	10	5379-1021 N4
375	20	standard	10	5379-0022 N4
375	20	sterilised	10	5379-1022 N4



Sampling spoon curved, long handle, disposable Bio

The long handle of the plastic spoon makes it possible to empty residue from large containers easily and can also reach into places that are hard to reach such as jerrycans with narrow necks.

- ▶ Individually packaged and optionally sterilised

Total length mm	Capacity ml	Model	Pieces per pack	Item no.
360	10	standard	10	5379-0023 N4
360	10	sterilised	10	5379-1023 N4



Ladle, long handle, disposable Bio

The ladle is suitable for taking samples of liquids and viscous media as well as powders and granulates. The ladle has a very smooth bottom and rounded corners. This makes it possible to reach into any corner of a container or to take medium directly from the bottom of the container. A long handle with indentations for fingers ensures a firm hold and precise work.

- ▶ Individually packaged and optionally sterilised
- ▶ Flexible and break-proof

Total length mm	Capacity ml	Model	Pieces per pack	Item no.
365	30	standard	10	5379-0026 N4
365	30	sterilised	10	5379-1026 N4



Sampling palette knife spatula, disposable Bio

The sampling palette knife spatula can be used to apply, distribute or evenly spread viscous media such as pastes and creams. The palette knife spatula reaches easily into the corners and curves of various containers and is suitable for scraping out bowls, removing residue or wiping off Bürkle's volumetric and dosing spoons.

The dimensionally stable long edge of the plastic scraper is ideal for cutting viscous media. A small tip on the long edge can be used for ripping, for example packaging film. The scraper is also suitable for stirring and blending. The disposable sampling palette knife spatula is suitable for use in the pharmaceutical industry, chemistry, cosmetics and food & beverage.

- ▶ Optionally packaged individually and sterilised
- ▶ Flexible and break-proof



Model	Pieces per pack	Item no.
Large package	100	5379-0035 N4
sterilised, packaged individually	100	5379-1035 N4



Disposable funnels, Bio

Disposable funnels are practical and hygienic filling aids, making them useful accessories for sampling or in the laboratory.

The disposable powder funnel has a short and wide spout, making it suitable for transferring powdered materials, granules, and suspensions.

The disposable liquid funnel is ideal for easily filling bottles and other containers with narrow filling openings. With the single-use funnel, you can transfer liquid samples or easily flowing solid materials without any loss.

Liquid funnel, disposable Bio				
Model	Outer dia.	Outlet dia.	Pieces per pack	Item no.
standard	100 mm	10 mm	10	5379-0040 N4
sterilised	100 mm	10 mm	10	5379-1040 N4
Powder funnel, disposable Bio				
Model	Outer dia.	Outlet dia.	Pieces per pack	Item no.
standard	100 mm	25 mm	10	5379-0041 N4
sterilised	100 mm	25 mm	10	5379-1041 N4