

Product Information Sheet

Product

Paper straws

Material

Paper, glue, printing inks

Packaging

Inner: Polyethylene (PE)

Outer: Corrugated board box

Area of Use

The paper straws are compliant for use with all types of beverages at temperatures up to 90 °C from a food contact safety perspective. However, their use with hot beverages is not recommended, due to potential degradation in performance and stability, as well as the risk of burn injuries.

- The straws are made from untreated fibrous paper, which is not intended for long-term use.
- They are not suitable for use in microwave ovens.

Please note that the physical behavior of the straws may vary depending on the type of food or beverage. Therefore, we recommend that customers evaluate the suitability of the product for their specific application.

EC Directive 94/62/EC on Packaging and Packaging Waste

The packaging complies with all essential requirements as defined by 94/62/EC. For example, minimum adequate amount of packaging, limitation of heavy metal content, recyclable through at least one of the following: reuse, material recovery, energy recovery or composting.

Environmental Aspects**Product**

Paper is made from FSC-certified wood, which is a renewable resource. The pulp is unbleached.

In the manufacturing of the straws PFAS (per- and polyfluoroalkyl substances) is **not** being used in any step.

Packaging

PE foil is made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is to a large extent made of recycled fibres.

Product Safety

The product fulfils the following:

- Article 3, 11(5), 15 and 17 of Regulation (EC) No 1935/2004 (Framework regulation)
- EU Regulation 2023/2006/EC (GMP - Good Manufacturing Practice)
- The paperboard fulfils the German recommendation BfR XXXVI.
- Order No. 681 of May 25 (2020) from Danish Ministry of Environment and Food on ban of per- and polyfluoroalkyl substances (PFAS) in paper and cardboard food contact materials.
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

Management of Used Products

Recycling

The product may be recycled with cardboard and paper materials. However, recycling depends on collection, sorting and general material acceptance. Always consult with a local waste handler for recycling recommendations.

Recycling of the plastic and the corrugated board is possible for producing new products.

Energy Recovery

All the materials are suited for energy recovery. Complete combustion gives mainly rise to carbon dioxide and water. The energy content of plastics/paper is comparable to that of oil/ wood.

Validity

This is issued 2025-06-30. It is revised when there is a change in the manufacturing process, in the product or in legislation.