

ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

Product

Coated paper plates (printed and unprinted)

Material

- Paper board
- Water-based coating
- Printing inks (for printed plates)

Packaging

Inner: Polyethylene (PE)

Outer: Corrugated board box

Field Of Application

The plates can be used with all kinds of foods up to 90 °C.

Limitations of the material:

- Paper is a fibrous material and as the surface of the plates have no plastic lamination, they are not suitable for long-term use.
- The plates are not suitable to be used in a microwave oven.

Different kinds of food can have an impact on the physical behaviour of the straw. Duni's recommendation is for the customer to test their application for their needs.

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 and made from 100% virgin fibres.

The coating is water-based (WB).

Packaging

PE is a polymer produced from refined mineral oil or natural gas.

The corrugated board box is made from wood, which is a renewable resource

Product Safety

The product fulfils the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with foodstuff.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- LFGB
- 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 a copy of a document issued 2022-02-18. It is normally updated every second year or when there is a change in the manufacturing process, in the product or in legislation. To make sure that you have the latest edition, contact Duni Group.