

ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Cardboard Tray with PE-lamination

Material

Corrugated board
Hotmelt adhesive
High barrier film (PE)
(Outside offset printed)

Packaging

Inner: Polyethylene PE (HDPE)
Outer: Corrugated board box

Field Of Application

The trays can be used for packaging dry, moist and oily foodstuffs for use under the following conditions, temperatures and times:

- Freezing between -20 °C and -4 °C
- Refrigeration between -4 °C and +7 °C
- Room temperature (up to 40°C for more than 24 hours)
- Heating up to 70°C for up to 2 h or up to 100°C for 15 minutes (hotfill)
- Microwave heating up to 5 minutes in maximum wattage

The trays are not suitable for conventional oven

The trays are heat sealable to films with polyethylene sealant and suitable for MAP (modified atmosphere packaging).

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 wood, which is a renewable resource.

PE is a polymer produced from refining of mineral oil or natural gas. The polymers consist simply of carbon and hydrogen

Packaging

Polyethylene is a polymer produced from refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

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.
- EU Regulation 10/2011/EC with amendments, Material and products of plastic produced for contact with foodstuff.
Migration tests on the article material performed by an independent institute showed that under appropriate test conditions, overall and specific (when relevant) migration falls considerably below the limit given by regulation 10/2011. For further details, see Declaration of Compliance.
- The printing inks fulfil EuPia" Good manufacturing practices" (GMP) -Printing Inks for Food Contact Materials.
- Duni manufacturing units are certified according to the international quality system ISO 9001 and environmental system ISO 14001 14001 as well as to BRC for hygiene.



Management of Used 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.

Recycling

High barrier film can be separated by peeling off from cardboard and both materials can be collected in their own recycling streams.

Recycling of the plastic and the corrugated board for packaging is possible for producing new products. Check with the local recycling company.

Handling and Storage

Material should be kept in original packing. Recommended storage conditions: T= 18 °C - 24 °C, 40 - 60 % relative humidity, no exposure to direct sunlight. Recommended usage within 6 months.

Validity

This is a copy of a document issued 2019-10-23. 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 AB.