

ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

Product

Forum Cardboard Tray with PE/EVOH-lamination

The Forum trays point the way to the future of eco-conscious, sealable to-go packaging. Made with 85% less plastic than conventional alternatives, they are constructed from FSC™-certified cardboard and have a thin removable PE/EVOH lining. This innovative design makes the trays suitable for MAP, which prolongs shelf-life. It also simplifies recycling after use: you peel the lining off and sort it, and the tray, in the right recycling streams.

Material

Cardboard with PE/EVOH-lamination

Packaging

Inner: Polyethylene PE

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).

Different kinds of food can have an impact on the physical behaviour of the fibre material. 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

The trays are made from FSC certified virgin fibres, a renewable material.

The removable lining consists of PE/EVOH originating from fossil sources.

In the manufacturing of the boxes PFAS (per- and polyfluoroalkyl substance) are **not** being used in any step.

Packaging

Polyethylene is a polymer produced from refining of 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.
- 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).
- Duni manufacturing units are certified according to the international quality system ISO 9001 and environmental system ISO 14001 as well as to BRC for hygiene.

Management of Used Products

Recycling

After use, the lining can easily be peeled off and separated to be recycled with the streams for either cardboard and paper materials or plastic. 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

Incineration of mixed waste for energy recovery is a possible end-use of products. Paper and plastic may burn well with low emissions.

Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

Validity

This is issued 2023-06-13. It is revised when there is a change in the manufacturing process, in the product or in legislation.