

ENVIRONMENTAL AND PRODUCT SAFETY SHEET

Product

Sealing Film for PET-trays

This crystal-clear sealing films for PET trays are the perfect choice for a tight, secure, and long-lasting closure of PET trays. They are equipped with an antifog feature, which prevents condensation build-up on the film, making sure your food always looks good. They can be used in temperatures up to 210 degrees and they also have a very good oxygen barrier, making them ideal for MAP purposes.

Raw Material

Multilayer film with a PET sealing layer.

Packaging

Inner: PP + Cardboard

Outer: Corrugated board box

Field Of Application

The film can be used with a PET tray with all types of food under following conditions

- any long-term storage at room temperature or below
- hot fill conditions
- 2 hours at 175°
- microwave

The film can be used at temperatures up to 175°C according to the migration tests performed (se SoC) but at those high temperatures, the material loses some of its mechanical properties. The pressure created when packed under MAP (modified atmosphere packaging) may cause the sealing to break.

Duni's recommendation is to remove the film from the tray if used in temperatures above 100 °C.

Sealing of Tray/Cover

When sealing the trays through welding, a small amount decomposition product is formed. As always when working with heating and melting materials, an adequate ventilation is very important. In most cases a kitchen fan will be sufficient to evacuate the emissions that may arise.

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 plastic in this film is made from fossil sources.

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Packaging

PP foil is made from fossil sources and is used for packaging purposes.

The corrugated board box is to a large extent made of recycled fibres.

Product Safety

The product / raw material fulfil 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 food.
- 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. They have also implemented or will implement the environmental management system ISO 14001.

Storage conditions

Recommended storage conditions: 15°C-25°C in a dry place, away from direct sunlight. Maximum storage time from point of unloading of goods to be 6 months, if stored as recommended.

Management Of Used Products**Recycling**

The product may be recycled with 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 packaging is possible for producing new products.

Energy Recovery

All the materials are suited for energy recovery. Incineration of mixed waste for energy recovery is a good 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 2024-04-23. It is revised when there is a change in the manufacturing process, in the product or in legislation.