

ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Sealing Film PP

Raw Material

Polypropylene (PP)

Packaging

Inner: PE + Cardboard

Outer: Corrugated board box

Field Of Application

Based on the migration tests and Declaration of Compliance, the articles can be used safely with all types of food. This film is suitable for use under the following conditions:

- Long term storage above 6 months at room temperature or below
- Heating up to:
 - 121°C for up to 2 hours
- Microwave oven

This film is not suitable for use in conventional oven.

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**

Polypropylene is produced by refining of mineral oil or natural gas. The polymer simply consists of carbon and hydrogen.

Packaging

Polyethylene 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. The printing ink is water-based.

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.
- The total migration is below the limit 10 mg/dm² when tested for 2h at 121°C and 10 days at 40°C in 10 % Ethanol, 3% Acetic acid and olive oil. For 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

In order to secure/ensure product safety the film must be stored in their original wrappings and protected from rain, direct sunlight or other sources of UV light. Any reels with their protective wrapping removed, shall be stored either in recommended conditions or be repacked. The recommended storage conditions are at 40 – 60 % relative humidity and 18 – 24 °C. If the storing conditions differ essentially from the recommendations, the reels shall be conditioned for 24 hours in recommend storing conditions prior to use. We recommend using the film within 12 months from manufacturing date. After said time complaints are usually not accepted.

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

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

Validity

This is a copy of a document issued 2021-02-25. 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, CSR and Quality Department.