

# ENVIRONMENTAL AND PRODUCT DATA SHEET

**Product**

Aluminium foil

**Raw Material**

Aluminium

**Packaging**

Inner bobbin: Board

Packaging around the product: Corrugated board

Outer: Corrugated board

**Field Of Application**

The aluminium foil can be used for direct contact with dry, moist and fatty foods. Contact between the aluminium foil and very acidic or very salty food should be avoided, since they have a detrimental effect on the aluminium.

The foil can be used up to 300 °C for an unlimited period. It can also be used for storing food at room temperature or colder (incl. freezer). Make sure the food cools down before storing under chilled conditions. The condensation that may occur can cause discoloration.

Avoid direct contact with electric parts and direct flames.

The aluminium products only to be used in microwave ovens if the microwave oven itself allows the use of it.

**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**

Aluminium is extracted in nature from the mineral bauxite. At present about 30% of the raw material used for these aluminium containers are made from recycled aluminium. The energy consumption for recycled aluminium is only 5% of the energy needed to refine bauxite into new aluminium.

**Packaging**

The bobbin is made from recycled fibres.

The corrugated board is mostly made of recycled fibres. The outer layer is bleached without elemental chlorine and the printing inks are water based.

### ***Product Safety***

The products fulfil the following:

- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- BS EN 602:2004 Aluminium and aluminium alloys. Wrought products. Chemical composition of semi-finished products for the fabrication of articles for use in contact with foodstuff.
- French decree 27th August 1987: Aluminium and alloys
- Warenwetregeling Verpakkingen en gebruiksartikelen. Hoofdstuk III
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

### ***Storage***

The aluminium foil is best stored under dry conditions with stable temperature.

### ***Management Of Used Products***

#### ***Recycling***

Aluminium is very suitable for recycling. Recycling of the corrugated board is possible for producing new products. However, recycling depends on collection, sorting and general material acceptance. Always consult with a local waste handler for recycling recommendations.

#### ***Energy Recovery***

All the packaging materials are suited for energy recovery. Aluminium is preferable recycled.

#### ***Validity***

This is issued 2023-03-29. It is revised when there is a change in the manufacturing process, in the product or in legislation.