

## Product Information Sheet

### **Product**

Vacuum bags

### **Raw Material**

PA/PE

### **Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board

### **Field Of Application**

The bags can be used safely with all types of food under following conditions:

- any long-term storage at room temperature or below (down to -25 °C)
- Warm keeping at
  - up to 2 hours at a temperature  $\leq 90^{\circ}\text{C}$
  - up to 4 hours at a temperature of  $80^{\circ}\text{C}$
  - up to 9 hours at a temperature of  $70^{\circ}\text{C}$
  - up to 21 hours at a temperature of  $60^{\circ}\text{C}$

### **Low temperatures recommendations**

In frozen conditions, plastic generally becomes more brittle due to the low temperatures, which can affect its flexibility. If the film is used in frozen condition, be aware:

- The bag may become less flexible and may crack or tear more easily.
- Freezing can weaken the seal of the film over time. For food packaging, this could lead to freezer burn or moisture loss if the seal breaks or weakens.
- Handle frozen packages gently.

### **Packaging and Packaging Waste**

The product and its packaging comply with all essential requirements set out in Directive 94/62/EC on packaging and packaging waste, as well as the forthcoming Packaging and Packaging Waste Regulation (PPWR), Regulation (EU) 2025/40.

### **Environmental Aspects**

#### **Product**

The product consists of 100 % virgin plastic based on fossil sources.

#### **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 corrugated board box is made from wood, which is a renewable resource.

### ***Product Safety***

The product fulfils the following:

- Regulation (EC) No 1935/2004 (Framework regulation)
- EU Regulation 2023/2006/EC (GMP)
- EU Regulation 10/2011/EC with amendments, Material and products of plastic produced for contact with food.
- EU Regulation (EU) 2024/3190 on the use of bisphenol A (BPA) and other bisphenols
- 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.

### ***End of Life***

#### ***Recycling***

Collection, sorting and material recovery are all part of the recycling process. Recycling is dependent on local waste handling infrastructure.

The product is a multilayer plastic film composed of polyethylene (PE) and polyamide (PA). In current waste-management systems, such structures are typically not suitable for mechanical recycling within the PE stream. End-of-life handling depends on local collection and treatment systems. Please consult your local waste-management guidelines for market-specific recycling instructions.

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

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

### ***Validity***

This is issued 2026-03-13. It is revised when there is a change in the manufacturing process, in the product or in legislation.