

GRANITOL



LAMINATED BAGS

LAMIBAG®

Group Packaging Films	Boil-in Bag Films	HDPE Films MIKROTEN®
Hygienic Disposables Films	Packaging Films	Wicket Bags
Laminated Films	100% Recyclable Packaging	Laminated Bags/Pet Food Bags
Protective Adhesive Films	Films with Polypropylene	Technical & Cover Films
Palletising Films & Stretch Hood	HDPE Anti-scratch Films	HDPE Films with PAS
Bags, T-shirt Bags, Sheets	Granitol MIKROTEN® Bags	Dog Waste Bags

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LAMINATED BAGS

LAMIBAG®

PRODUCTION UNDER ONE ROOF | MATERIAL VARIABILITY | ECO-FRIENDLY SOLUTION



PACKAGING

The bags are packed in stacks in pallet boxes made of corrugated cardboard. Individual stacks are separated from each other by a certain number of liners made of corrugated cardboard. The boxes also include paper reinforcing edges and a removable corrugated lid. Paper boxes are placed on standard pallets, fixed with binding tape and stretched with stretch film.



CONTACT WITH FOODSTUFFS

The product meets the requirements set by the Act of the Ministry of Health of the Czech Republic No. 38/2001 Coll., on hygiene requirements for products intended for contact with food, and Commission Regulation (EU) No. 10/2011 of 14 January 2011, on plastic materials and articles intended for contact with food. They meet the general requirements set out in Article 3 of Regulation 1935/2004 of the European Parliament and of the Council on materials and articles intended for contact with food.



ECOLOGY

Environmentally friendly, **recyclable in the case of a combination of PE/PE, PE/PP and PP/PP**, our films can be landfilled or disposed of by incineration, producing no environmentally harmful substances. Other combinations can only be either landfilled or disposed of by incineration.

Execution

- ▶ bag with side folds
- ▶ top or bottom filling of the product packaged at the customer's location
- ▶ option of folded glued bottom (only for top filling)
- ▶ glued carry handle in the side fold
- ▶ longitudinal cold micro perforation
- ▶ variable punch-out options (ventilation holes, perforations, corner rounding, etc.)
- ▶ easy open

Options for repeating closing systems

- ▶ TOP ZIP
- ▶ TOP APLIX (suchý zip)
- ▶ TOP SLIDER
- ▶ FRONT ZIP
- ▶ no cap

Material combinations

The structure of the material is always dependent on the specific customer requirements – example:

- ▶ PE / PE (100% recyclable)
- ▶ PET / PE
- ▶ BOPP / PE
- ▶ PET / PET / PE
- ▶ BOPP / PET / PE
- ▶ options of combinations of transparent, white, or metallized layers

Dimensions

The wide range of dimensions allows for the production of flexible bags from about 2 liters to 60 liters in volume

- ▶ bag length 370 – 1000 mm
- ▶ bag width 190 – 450 mm
- ▶ bag depth 60 – 200 mm
- ▶ bottom folding 30 – 60 mm
- ▶ laminate thickness 0,100 – 0,200 mm

Surface Treatment

- ▶ print – HD flexographic print (up to 10 colours)
- ▶ matte surface
- ▶ partial varnish
- ▶ anti-slip surface treatment

Warehousing

LAMIBAG® flexible bags must be stored in a dry environment at temperatures of 15-25 °C, preferably under a lid covering the original packaging. It is recommended to store the product for 24 hours before processing under the same conditions as those present during processing.

LAMIBAG®

Flexible bags made of **LAMIBAG®** laminated film are used as flexible packaging, meeting the requirements for the barrier properties, appearance and functionality of packaging.

LAMIBAG® flexible bags are effective for the packaging and protection of food, substrates, feeds and chemicals; in general, these are dehydrated mixed substances – depending on the composition of the individual layers of the laminate from which the components of the bags are made.

A multi-layer material is used for **LAMIBAG®** machine bags **LAMITEN®**, which is "duplex" or "triplex" capable, depending on the number of materials that are combined. In this laminate, lamination technologies are combined with various materials such as PE, BOPP and PET, with each material in the laminate performing its own specific function.

The production of flexible **LAMIBAG®** bags is custom manufacturing according to specific customer requirements.

Flexible bags made of laminated film are used in Pet Food packaging – more information can be found in the separate product catalogue PET FOOD BAGS.