

LAMINATED POUCH *Directly from the producer!*



During the production of laminated bags several foil types are combined. Thanks to their outstanding colour printability and complex confection possibilities, these bags provide an exclusive appearance to the packaged products. It is especially recommended for premium category products, be it products that require cooling or products that are vacuum packaged or modified atmosphere packaged (MAP).



GENERAL characteristics:

- exclusive appearance
- glossy or matte surface
- aesthetical
- colour printable
- strong four-side seal

FIELDS OF USE:

FOOD INDUSTRY:

- confectionery industry
- meat industry
- baking industry
- spice packaging
- fruit and vegetable processing
- coffee packaging

CHEMICAL INDUSTRY:

- household products
- cosmetic products

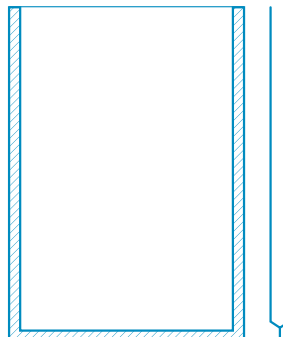


LAMINATED POUCH *Directly from the producer!*

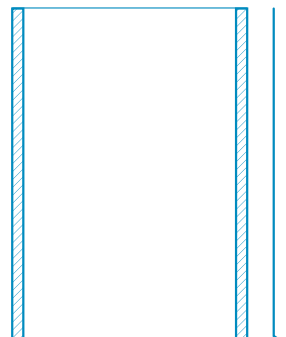
CONFECTIONING SOLUTIONS:

- three-side sealed
- two-side sealed
- header pouch-design
- top filled euro hole pouch
- bottom filled euro hole pouch
- easy tear pouch

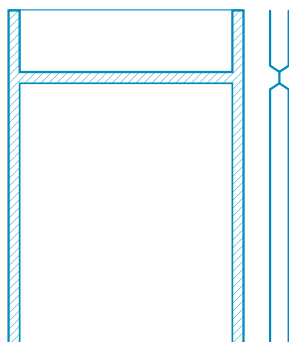
THREE-SIDE SEALED BAG



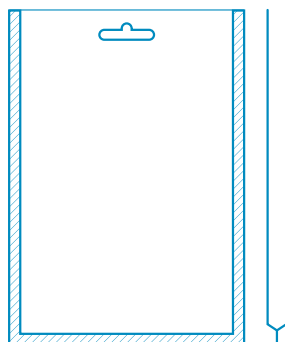
TWO-SIDE SEALED BAG



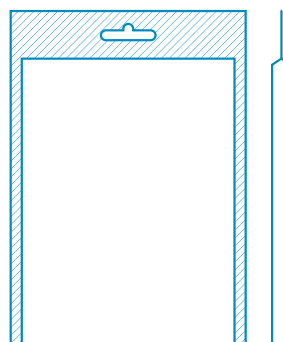
HEADER POUCH



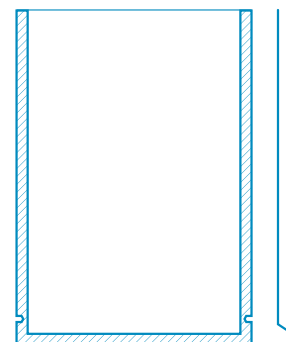
TOP FILLED EURO HOLE POUCH



BOTTOM FILLED EURO HOLE POUCH



EASY TEAR POUCH



CHARACTERISTICS OF THE MOST COMMONLY COMBINED FOILS:

laminated	printable	vacuum	MAP	antifog	light blocker	suitable for freezing	pasteurizable	aroma-seal	colours
PE/PE	+					+			natural, golden/silver; silver/silver; black
BOPP/PE	+					+			
CPP/PE	+					+			
BOPP/BOPP	+					+	+		
PET/PE	+	+	+			+		+	
BOPP/PE/EVOH/PE	+		+	+		+		+	
MetPET/PE	+	+	+		+	+		+	
OPA/CPP	+	+	+	+		+	+	+	

Certain bag types can be combined with each other.

For more information please contact our colleagues on any of the provided contact details.

POLYETHYLENE BAGS *Directly from the producer!*



Polyethylene is the most widely used packaging material. Thanks to its cost-effectiveness, it is the most popular packaging material. It can be easily printed and coloured. It allows a maximum adaptability to buyer needs, given its multi-faceted confectioning possibility. During production -- according to consumer needs -- the properties of the foil are enhanced by adding certain additives, e.g. antistatic, anti-slip, roughener.



MAIN FIELDS OF USE:

FOOD INDUSTRY:

- baking industry
- confectionery industry
- meat industry

TECHNICAL USE:

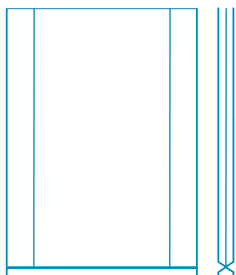
- stationery
- agriculture
- engineering
- chemical industry
- plastics industry
- electronics industry



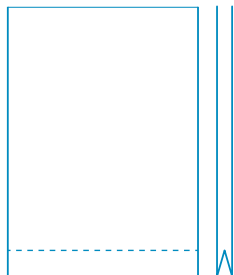
POLYETHYLENE BAGS *Directly from the producer!*

COMPREHENSIVE CONFECTIONING SOLUTIONS:

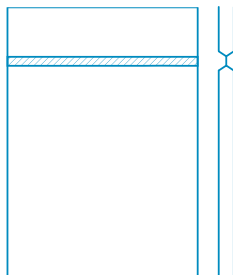
SIDE-GUSSETED BAG



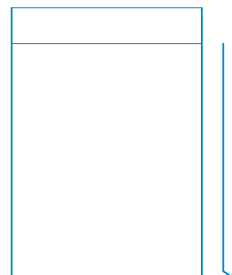
BOTTOM-GUSSETED BAG



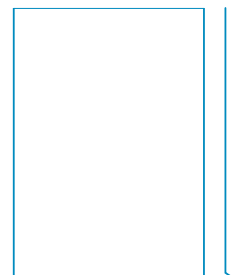
HEADER BAG



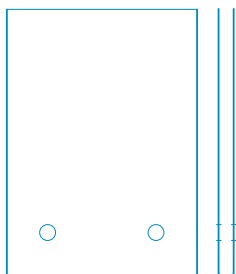
BAG WITH FLAP



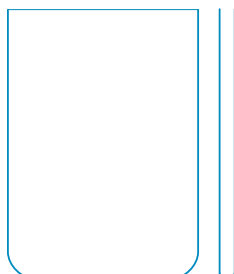
NORMAL BAG



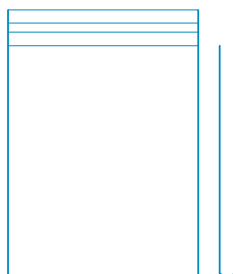
AIR HOLE BAG



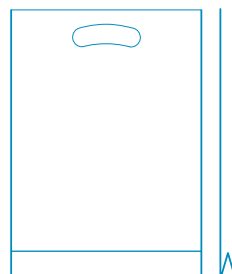
ROUND BOTTOM BAG



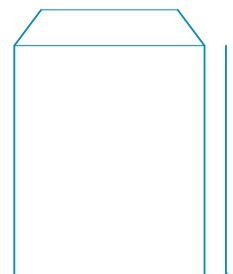
SELF-ADHESIVE BAG



LOOP HANDLE BAG



BAG WITH CUTTED FLAP



ALLGEMEINE EIGENSCHAFTEN:

	HDPE	LLDPE	LDPE
colour	opalescent	transparent, glossy	transparent
tear-resistance	high	medium	low
flexibility	low	medium	high
side and bottom sealed	side and bottom sealed	side and bottom sealed	side and bottom sealed
suitable for freezing	not recommended	suitable	suitable
water repellent	yes	yes	yes
colourable	yes	yes	yes
available colours	natural, white, blue, green, yellow, red, brown	natural, white, blue, green, yellow, red, brown	natural, white, blue, green, yellow, red, brown
colour printable	yes	yes	yes
resistant to corrosive substances	yes	yes	yes
thickness	from 10 my to 180 my	20 my - 180 my	20 my - 180 my
laminable	no	yes	yes
width	60 - 1000 mm	60 - 1000 mm	60 - 1000 mm
length	100 - 1350 mm	100 - 1350 mm	100 - 1350 mm

Certain bag types can be combined with each other.

For more information please contact our colleagues on any of the provided contact details.

MICROPERFORATED BAGS *Directly from the producer!*



During microperforation, small holes are created on the surface of the foil, thus, allowing the air to get through to the packaged product.

This solution is used especially for the packaging of baked goods or vegetables.

During the procedure, the microperforation of the polypropylene foil (BOPP, CPP) is made with the help of heated pins, while the perforation of the polyethylene foils is made with cold pins.



GENERAL CHARACTERISTICS:

- aesthetical
- glossy
- colour printable
- breathable

FIELDS OF USE:

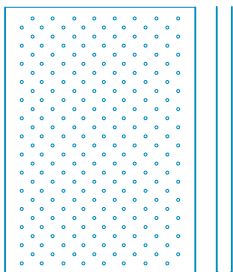
- baking industry
- fruit and vegetable packaging
- confectionery industry
- clothing industry



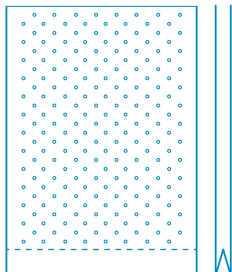
MICROPERFORATED BAGS *Directly from the producer!*

COMPREHENSIVE CONFECTIONING SOLUTIONS:

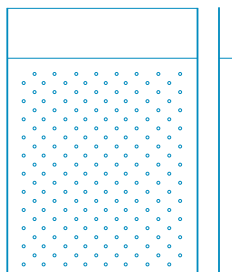
**SIDE-SEALED
BAG**



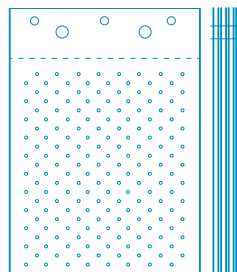
**BOTTOM-GUSSETED
BAG**



**LENGTH PERFORATED
BAG**



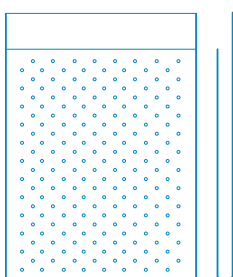
WICKET BAG



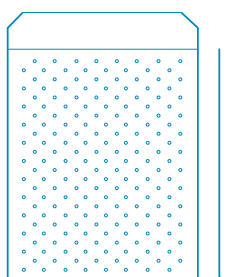
**EURO HOLE
BAG**



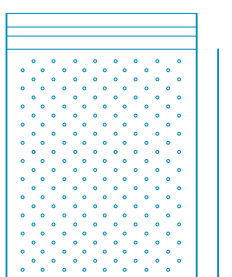
**BAG WITH
FLAP**



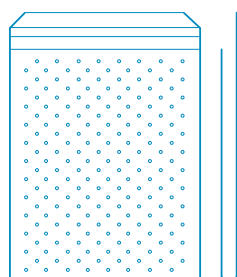
**BAG WITH CUTTED
FLAP**



**BAG WITH FLAP
AND SELF-ADHESIVE
TAPE**



**BAG WITH CUTTED
FLAP AND SELF-
ADHESIVE TAPE**



CHARACTERISTICS:

	BOPP	CPP
width	min. 80 mm	min. 80 mm
length	min. 80 mm	min. 80 mm
thickness	18-50 my	20-50 my
sealing	side, bottom	side, bottom
bottom gusset	yes	yes
side gusset	no	no
microperforation	heated spikes	heated spikes
colour print	with 8 colours	with 8 colours
characteristic colour	natural, white	natural, white
perforation	9-24 holes/cm ²	9-24 holes/cm ²
other	high gloss, can be ripped, rigid	glossy, flexible

Certain bag types can be combined with each other.

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POLYPROPYLENE BAGS *Directly from the producer!*



It is the most popular and most cost-effective packaging method of dry products. This packaging material provides an aesthetic appearance to products. It is the second most popular packaging material besides polyethylene. Its multi-faceted use makes it possible to flexibly adapt it to consumer needs. It is a customer-inviting and cost-effective packaging solution, while also protecting the products from environmental intrusions.

It can be used on its own or for the creation of laminates. Its two main types are the BOPP and CPP.



GENERAL CHARACTERISTICS:

- cold-resistant
- it can be sterilised
- it can be metalized
- it can be pasteurised
- it can be laminated

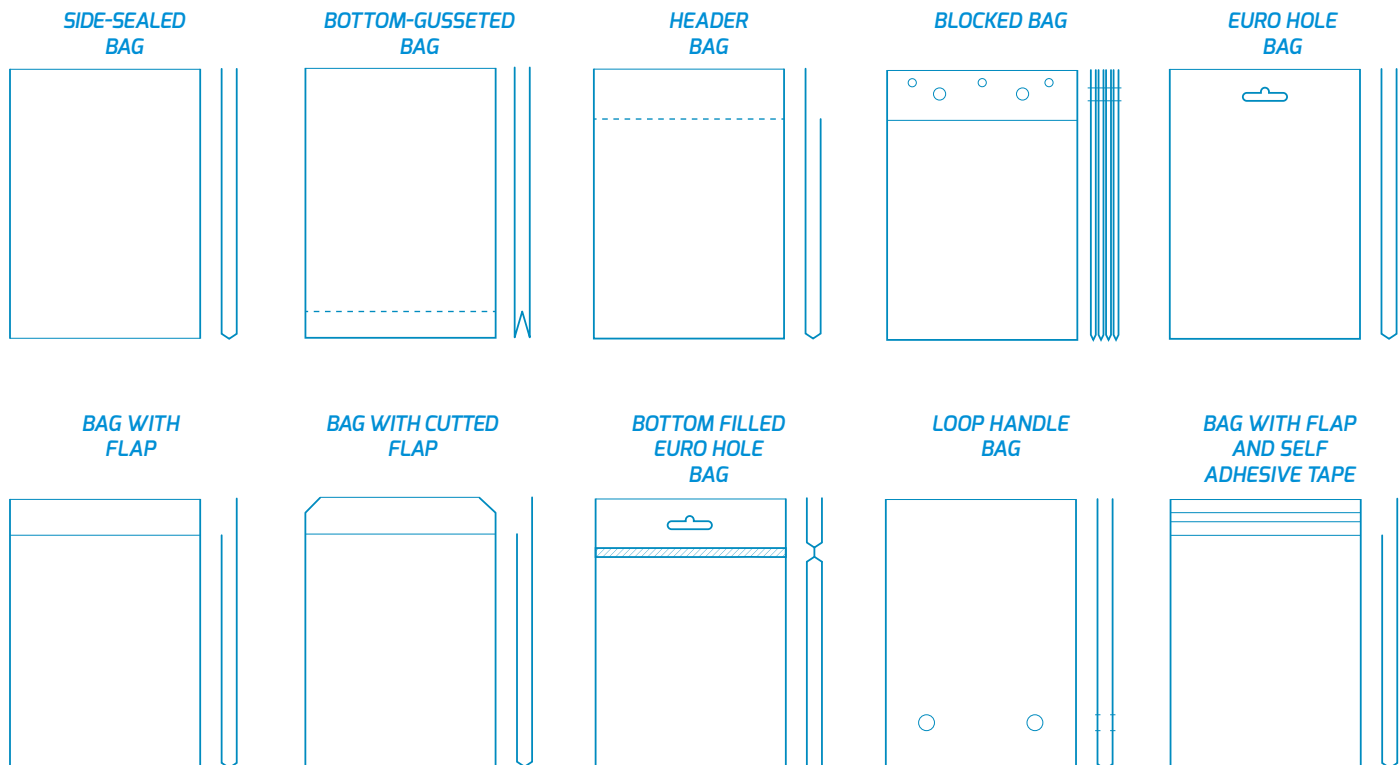
FIELDS OF USE:

- baking industry
- confectionery industry
- fruit and vegetable packaging
- plastics industry
- clothing industry
- stationery



POLYPROPYLENE BAGS *Directly from the producer!*

COMPREHENSIVE CONFECTIONING SOLUTIONS:



CHARACTERISTICS:

	BOPP	CPP
width	min. 60 mm	min. 60 mm
length	min. 80 mm	min. 80 mm
thickness	18 - 50 my	20 - 50 my
sealing	side	side
bottom gusset	yes	yes
side gusset	no	no
microperforation	heated spikes	warm
colour print	with 8 colours	mit 8 Farben
suitable for freezing	certain types	bestimmte Typen
laminable	yes	ja
characteristic colour	natural	naturfarbig
other	high gloss, rigid, tearable	glänzend, elastischer, weniger spaltend

Certain bag types can be combined with each other.

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WICKET BAGS *Directly from the producer!*



We recommend this bag to our partners who have own automatic and semi-automatic packaging machines, because it is perfect for industrial packaging. Thanks to features that facilitate their opening, the wicket bags allow a quick and exact automatized packaging.

The outstanding quality, 8 colour flexo printing technology enhances the product's appealing, customer-inviting appearance.



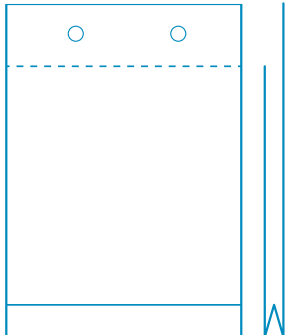
MAIN FIELDS OF USE:

- Baking industry, pre-packed breads
- Fish products
- Pre-packed fruit and vegetables
- Gardening products
- Hygiene products
- Cosmetic products
- Frozen products

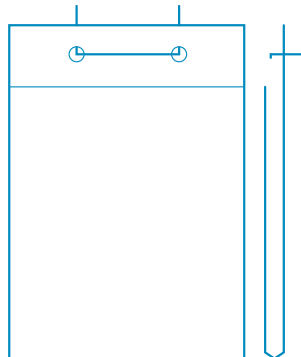


COMPREHENSIVE CONFECTIONING SOLUTIONS:

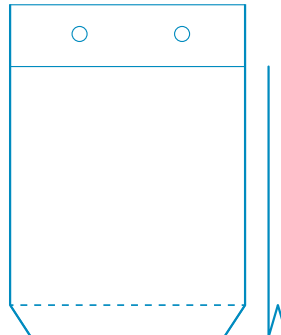
**BOTTOM-GUSSETED
BAG**



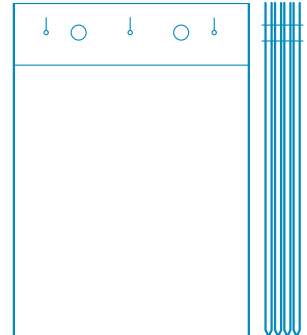
METAL PIN BLOCKED BAG



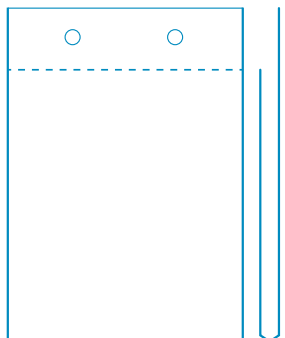
**CORNER-CUT AT BOTTOM
GUSSET BAG**



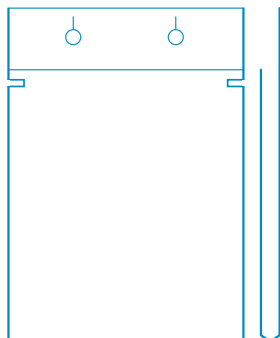
BLOCK BAG



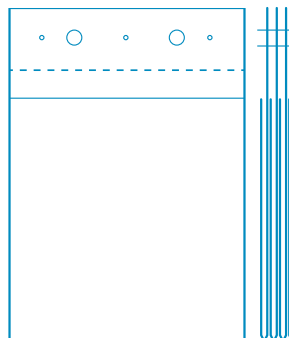
**LENGTH PERFORATED
BAG**



**TEAR OFF
BAG**



**HOT BLOCKED
BAG**



CHARACTERISTICS:

Material	BOPP oder CPP oder LDPE
width	110mm – 390 mm
length	150 mm – 710 mm
thickness	18 µm – 35 µm
sealing	side
bottom gusset	yes
side gusset	no
colour print	up to 8 colours
design	blockiert, nadeln

Certain bag types can be combined with each other.

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VACUUM AND HIGH BARRIER POUCH *Directly from the producer!*



Vacuum and modified atmosphere packaging are the most widespread methods of food preservation, which allows the long-term preservation of the quality of products.

It prevents the reproduction of microorganism, seals the product from oxygen, limits the reproduction of aerobic bacteria, thus, preserving the volatile components of the product. In the field of engineering, it limits the oxidation process.



GENERAL CHARACTERISTICS:

- suitable for freezing, cooling
- aroma-seal feature
- colour-printable
- strong, resistant design

MAIN FIELDS OF USE:

FOOD-PROCESSING:

- meat industry
- milk industry
- fish processing
- fruit and vegetable processing
- Sous Vide technology
- structured bag for outer vacuum machines

TECHNICAL USE:

- Metal industry
- Machine industry
- Chemical industry
- Plastics industry

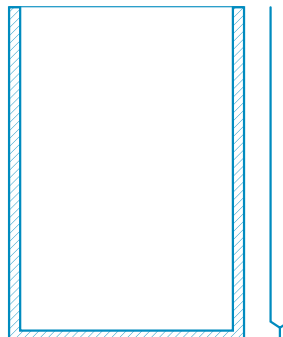


VACUUM AND HIGH BARRIER POUCH *Directly from the producer!*

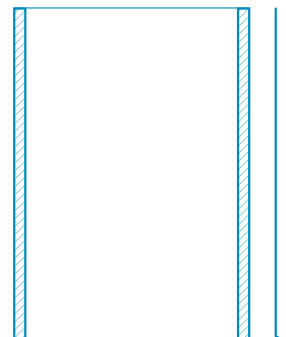
COMPREHENSIVE CONFECTIONING SOLUTIONS:

- 4-side sealed bags with respect to size and thickness adapted to customer requirements
- bottom filled euro hole pouch
- top filled euro hole pouch
- Easy tear pouch
- Header pouch
- 3-side sealed
- 2-side sealed

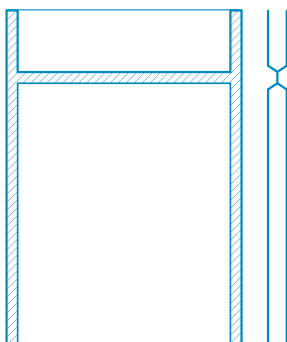
3-SIDE SEALED BAG



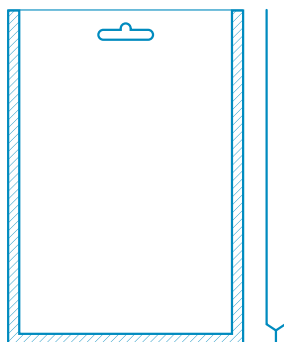
2-SIDE SEALED BAG



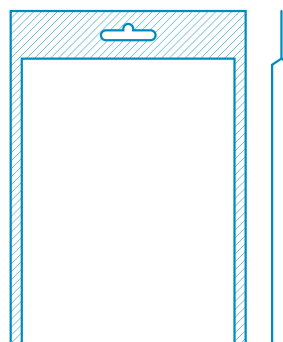
HEADER POUCH



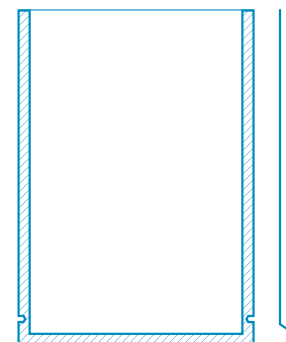
TOP FILLED EURO HOLE POUCH



BOTTOM FILLED EURO HOLE POUCH



EASY TEAR POUCH



CHARACTERISTICS:

COEXTRUDED FOIL BAGS	LAMINATED FOIL BAGS	CHARACTERISTIC COLOURS
Vacuum bag: PA/PE	Vacuum bag: PET/PE, OPA/PE, PET/ALU/PE	natural silver/silver golden/silver black/silver blue
MAP bag: PA/EVOH/PA/PE	MAP bag: BOPP/PE/EVOH/PE; PET/PE/EVOH/PE	
Colour printable design	Colour printable design	
Cost-effective	Premium design	
Designed for cooking and pasteurization	UV-protection	
Aroma-seal	Aroma-seal	
Suitable for cooling, freezing	Suitable for cooling, freezing	

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