



# HARMONY OF FORM AND CONTENT





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### MONOPACK

offers a shrink label that has good mechanical and excellent optical properties. This modern, technological and promising solution allows you to achieve success in attracting the attention of buyers to your products.

The use of shrink labels for packaging both food and non-food products has the following benefits and advantages:

- Protects against UV rays and retains its appearance when frozen and cooled;
- The ability to cover the surface of the container complex and original form;
- Hides physical and technical surface defects;
- The image does not fade, does not get wet, is not damaged by friction during transportation due to printing from the inside of the label;
- Increases the area of application of information on the entire surface of the label;
- The possibility of using three-dimensional design, the use of the effect of transparency, translucency, haze; TU sleeve successfully solves the problem of discrepancy of the edges of the label;

For the convenience of customers, the shrinkable label can be added with a transverse or longitudinal perforation, as well as a tear-off tape. The ability to label automatically without the use of glue.



## SHRINK LABEL

### MATERIAL. APPLICATION AND PROPERTIES

PVC film	Combines high quality and relatively low cost. It is used for containers of simple or complex shape with a difference of the diameters of the bottom part and the neck of not more than 60%. This is due to the maximum possible degree of transverse shrinkage. Longitudinal shrinkage does not exceed 5%.
PET film	It is used for printing labels strictly when the high level of shrinkage is needed, also for applications of difficult geometric form. The maximum possible degree of transverse shrinkage is 77%. Longitudinal shrinkage does not exceed 2%.
OPS film	Complies with strict environmental requirements and has a high level of maximum shrinkage - 74%. The lower density of the material provides a higher concealment of the product. Longitudinal shrinkage can reach 10%.

Polypropylene label is used for non-alcoholic and low-alcohol beverages in PET containers. This label has a number of advantages compared with the traditional material - paper. Due to the natural physical properties of polypropylene, it is possible to obtain a transparent label, which is impossible to achieve when using paper.

The smoothness and evenness of the polypropylene label simplifies its attachment to the surface of the container, and the technological features of applying such a label on a PET bottle can significantly reduce the consumption of glue.

The most important advantage of products made of polypropylene is their non-toxicity. They do not pose a threat to human health, and polypropylene is considered one of the most suitable materials for the manufacture of labels.



## POLYPROPYLENE LABEL

### MATERIAL. APPLICATION AND PROPERTIES

<p>BOPP (transparent, metallized or pearl)</p>	<p>The label for drinks in PET-containers is resistant to abrasion: the information on the label is preserved for a long period, the label does not collapse and is not amenable to deformation under the influence of moisture.</p>
<p>BOPP (transparent) + BOPP (metallized or pearl)</p>	<p>The label, made with a two-layer material, has a more presentable, rich and noble appearance, as well as a two-sided protection of the design from mechanical damage and moisture (condensation on the bottle).</p>



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The use of a packaging cone for ice cream consisting of paper laminated with foil fully meets the requirements for an ice cream packaging material and provides a great variety of choices for design options, including the possibility of making gold and silver.

Perforation on the package - a cone allows easy opening of the product.



## PACKAGING CONE FOR ICE CREAM



### MATERIAL. APPLICATION AND PROPERTIES

Al (foil) +Paper

The use of cone packaging for ice cream consisting of paper laminated with foil has the following benefits and advantages: an increase in the shelf life of the product due to the high barrier properties of the package (vapor, gas and water resistant); aesthetics of packaging due to the ability to maintain a given shape; elimination of the possibility of light entering the product due to the absolute opacity of the packaging material.

Cold seal is currently used for packaging flow-pack products that should not be exposed to high temperatures.

First, these are confectionery made of chocolate or with its content (chocolate bars, large-sized chocolates, waffles, cookies and rolls in chocolate, glazed cheese curds, ice cream).

The principal difference of this technology from heat sealing is that the connection of the edges of the packaging material is not due to its melting, but through pressure and a special adhesive layer deposited on the film in advance.



## COLD SEAL PACKAGING



### MATERIAL. APPLICATION AND PROPERTIES

<p>BOPP (metallized or pearl)</p>	<p>The technology of using cold seal solves the problem when packing products that are not resistant to temperature, while maintaining the appearance of the product. It enables the use of modern packaging equipment, which allows increasing the speed of product packaging on the line. The strength of the weld does not reduce the convenience of opening the package for the end user.</p>
<p>PET (transparent or BOPP (transparent) + BOPP (metallized or pearl)</p>	<p>The produced packaging material has high sanitary and hygienic characteristics, eliminates the contact of paint with the product, gives the packaged product new consumer properties and provides additional convenience in application.</p>



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Flexible packaging applicable in the confectionery industry covers a wide range of products. These are chocolate bars, caramel, lollipops, marshmallows, halva and other oriental sweets, waffles, cookies, gingerbread and other hard and soft bakery products.



## PACKAGING FOR CONFECTIONERY

### MATERIAL. APPLICATION AND PROPERTIES

Polyfan, PET or PVC film (transparent, metallized or white with "twist-effect")	The packaging with a "twist effect" has a "twisting" memory, high aesthetic appeal and cost effectiveness (TWIST films have a higher output than, for example, paper-based compositions). It allows for excellent fitting of the candy shape and has high hygienic properties .
Single layer BOPP film	Designed for sealing economy segment products. Metallized BOPP film provides protection against ultraviolet radiation. Printing on a pearl BOPP film provides the possibility of obtaining a pearlescent optical effect and makes the packaging nobler.
BOPP (transparent or matte) + BOPP (transparent)	Common two-layer material with interlayer printing. It has the ability to create a transparent "window" on the package, allowing you to see the product. Packaging from this type of material has a presentable appearance, and the use of a matte film allows you to get the original color rendition. Possesses higher mechanical characteristics, in comparison with single-layer packaging
BOPP (transparent or matte) + BOPP (metallized, pearl)	The widely used two-layer material allows to provide high moisture resistance, low gas permeability and protection of the product from the sun's rays; high strength of welds does not affect the easy opening of the package by the consumer.
PET (transparent) + BOPP (transparent or white)	It has high gloss and higher barrier properties, increased mechanical strength, rigidity, resistance to puncture.
BOPP (transparent) + Al (foil)	Packaging of candies "in the dome", has a beautiful appearance, provides an excellent "twist-effect" (reliable wrapping of candy, even with a short tail), a great fit of the shape of candy.



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**MONOPACK** is a manufacturer of flexible packaging for a wide range of food industry - snack, grocery products, ice cream, dry drinks and freeze-dried products, as well as the cosmetic industry and household chemicals (including toxic chemicals and fertilizers).



## FLEXIBLE PACKAGING

### MATERIAL. APPLICATION AND PROPERTIES

BOPP (transparent, metallized, pearl)	For packaging products of economy segment. Metallized film has ultraviolet barrier properties. The Packaging from this type of materials is more economical and technological.
BOPP (transparent or matte) + BOPP (transparent)	Common two-layer material with interlayer printing. It has the ability to create a transparent "window" on the package, allowing you to see the product. Packaging from this type of material has a presentable appearance; the use of a matte film allows you to get the original color rendition. It has higher mechanical properties compared to single-layer packaging.
BOPP (transparent or matte) + BOPP (metallized, pearl)	Widely used two-layer material, the packaging of which has a presentable appearance. The use of metallized film allows obtaining barrier properties by ultraviolet. The use of pearl film gives pearly optical effect.
BOPP (transparent) + CPP (transparent)	The material is used for packing pasta, cereals, gives the package an attractive appearance. It has high mechanical properties - puncture resistance, tightness and strength of the weld.
PET (transparent) + BOPP (metallized) + PE	The three-layer composite provides high barrier properties (gas, water, opacity, grease resistance) packaged product; It allows you to get high gloss and gives the package an attractive appearance.
PET (transparent) + Al (foil)/PET (metallized) + PE	For packaging spices, seasonings, coffee, tea, as well as in the pharmaceutical industry. The material retains the original properties of the packaged products, as it has high mechanical strength and very high barrier properties, including, to pairs of essential oils. Packaging has a high aesthetic appeal, including by keeping the shape.
PET + PE	Packaging of this type of materials has high adaptability (weld strength, puncture resistance, high barrier properties for gas, water resistance). Possible matte appearance packaging.



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**MONOPACK** is a manufacturer of flexible packaging, polypropylene and shrink labels with high quality service. The principles of the company consist in an individual approach to the needs of each client, precise fulfillment of the requirements of the implemented **FSSC 22 000 standard "Food Safety Management System"** and following the specified growth strategy vector.

In a short period, **MONOPACK** was able to offer the market a wide range of products, the manufacture of which includes the most complex technologies. Making the most of all the advantages of various rotogravure printing technologies, we provide the packaging material for the food, chemical and pharmaceutical industries.

**The stability** of the quality of products is provided by constant monitoring at all stages of production - from the incoming control of raw materials and materials to the release of finished products.

**The dynamic development** of the company is provided by effective cooperation with each partner and a focus on achieving the highest results.



### FLEXIBLE PACKAGING

- Grocery and snack products
- Confectionery
- Cold seal packaging
- Fat and dairy products
- Dry drinks and sublimated products
- Personal care products and pharmaceuticals
- Household chemicals, fertilizers and pesticides

### SHRINK LABEL

- Shrink Cap
- Label on a plastic cup (milk products)
- Sleeve label and linear label (beverages, dairy products, chemicals)

### PROMO - PACKAGING

- Putting a promo code on the packaging
- Production of tape for packaging with promotional conditions

### POLYPROPYLENE LABEL

- Mineral water and beverages

### PACKAGING CONE

- Ice-cream



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