



PACKING MATERIAL



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INTRODUCTION

Invicta India has been responsible for the production and sale of packaging materials since its inception and this division is still the main sector of the company. Our company offers a complete product range for all possible ways of protecting all kinds of goods.

Our goal is not only to adapt the portfolio of packages to current trends, but to influence these trends and create them. We are capable of fulfilling complex offers and meeting the individual needs of our customers with superior service. Our goal is to present an ideal design of packaging to each customer, so as to meet the demands for sufficiently protected products, easy packaging process and low packaging costs.

PRODUCTION OF PACKAGING MATERIALS

Bubble foil

We have the most advanced production line in Central and Eastern Europe, by which we produce multi-layer bubble film of the highest quality. Cutting-edge production technology also allows us to laminate bubble foil with other materials to produce a foil with big bubbles.

Polyethylene foil

We own several extruders for blowing mono- and multilayer LDPE and HDPE foils. We also have production facilities for foil printing or for the production of a wide variety of sacks and bags.

Cardboard

We manufacture a complete range of corrugated cardboard packaging products, such as boxes, die-cut shapes, pallet boxes, inner lining and the like. In addition, to three-layer cardboard, we also process five- and seven-layer cardboard, including color printing.

Stretch foil

We have the manufacturing capacity to produce stretch foils. We are constantly developing new and better foils that reduce packaging costs

Adhesive tapes

within our manufacturing alliance, we produce adhesive tapes with different types of adhesives. We also produce adhesive tapes printed according to the customers' wishes.

Polystyrene

We produce expanded polystyrene primarily in the form of protective fittings and profiles. In addition to standard polystyrene, we also prepare a mixture of polystyrene and polypropylene.

Strapping tapes

We produce quality strapping tapes for automatic strapping machines and hand strapping.

Special packages

We design and create special packaging such as: boxes, stitched inserts, fittings, metal and wooden packages. These packages are designed for specific applications according to customer requirements, mainly in the automotive and electrical industries.

Wooden containers

In our wood-processing plant we design and manufacture packaging (pallets and crates) of different wood materials (lumber, OSB, plywood). We are able to manufacture wooden packaging from one piece to big series.

STRETCH FOIL

Stretch (fixation) foils are used primarily for the packaging and securing of goods on pallets.

Properties:

- They protect against spillage, dust, mechanical damage and weather conditions during transport
- They are fully recyclable
- Elongation of fixation foils shows the increase in length of the foil (e.g. an elongation of 150% means that 1 m of foil can be stretched by up to 150%, i.e. to 2.5 m)

Options:

- For mechanical and manual packaging
- Clear and coloured designs
- Printable

Stretch film for manual packaging

- Coil weights, mechanical properties and dimensions of the foil are adjusted for manual handling
- Supplied in various thicknesses (8 - 35 microns)

Stretch foil for manual packaging

- Designed for larger volumes of packaging using wrapping machines
- Big windings • Elongation in the range from 150 to 300%
- Supplied in various thicknesses (9 - 35 microns)

Stretch foil FPE

- 8 micron ultra-thin manual stretch foil
- Manual and machine rolls
- Highly rigid and resistant to tearing
- Minimum material consumption
- Significant savings in packaging costs

Cover foil

- Used to cover the top surface of the pallet when fixing with a stretch foil
- The product is protected against moisture, dust exposure and mechanical damage



POLYETHYLENE BAGS

Polyethylene films offer a wide range of use in fixation and protection of goods from group-type to pallet packaging in many industries.

Advantages of using PE foil:

- Fixes the goods
- Protects against moisture and restricts access of dust
- Prevents mechanical damage
- Transparency of the foil allows for visual inspection of goods
- The foils are colourless, odourless and tasteless
- The foil retains its rigidity and resistance to cracking even at food-freezing temperatures (up to -70 °C)
- It does not contain toxic substances or harmful ingredients
- Suitable for packaging of foods, chemicals, building materials, etc.
- Can be used without shrinkage



Options:

- Clear and coloured design
- Heat-shrinkable
- Self-extinguishing
- UV resistant
- Slip, non-slip
- Perforated
- Antistatic and anti-corrosive properties
- Compostable

Quick-closing bags

- Bags with quick-closing zipper
- Packed in 100 pcs

Accessories for polyethylene foils

- Welding machines for closing or production of bags
- Machines for packaging in heat-shrinkable foil



BUBBLE FOIL

Bubble foil is suitable for many packaging applications – from surface protection and interleaving, for the creation of protective cushions and empty space packing.

Properties:

- It consists of ten microlayers including a barrier preventing the escape of air
- Cutting-edge manufacturing technology enables the production of bubble foil with lower thickness and concurrently better mechanical properties than those of conventional foils
- High load resistance
- High strength and flexibility
- Long-term alveolar stability
- Low weight (which means reduced packaging costs)
- Easily and repeatedly reusable

Bubble foil in reel

- Standard width of 50, 100, 150 and 200 cm
- Standard roll of 100 m
- Bubble size of 10 or 25 mm
- A wide range of qualities to meet customer needs



ADHESIVE PACKAGING TAPES

Adhesive tapes represent basic packaging and fixation material in all areas of the industry. They are used to seal boxes, plastic bags or are used for group packaging.

Types of adhesive used for packaging tapes:

- **ACRYLATE:** water-based adhesive. Versatile, achieves fast 100% adhesive effect immediately after application.
- **HOTMELT:** adhesive based on synthetic rubber. Universal, achieves 100% bonding effect with a slight delay after the application. Suitable for use at a wide range of temperatures.
- **SOLVENT:** adhesive based on natural rubber with addition of other adhesives. Highly efficient, suitable for the most demanding bonding.

Adhesive tapes with acrylic adhesive

- Excellent tack from +5 °C to +45 °C
- Polypropylene adhesive carrier
 - Transparent, brown or white finish
- Width of 15, 19, 25, 38, 48 and 75 mm
- Rolls of 60, 66, 100 m
- Roll for machine packaging 990 m

Adhesive tapes with hotmelt adhesive:

- Excellent adhesiveness even below the freezing point
- Polypropylene adhesive carrier
- Transparent or brown design
- Width of 48 mm, different width made to order
- Roll of 66 m • Roll for machine packaging 990 m

Adhesive tape with solvent adhesive:

- The highest and longest tackiness below the freezing point
- Polypropylene or paper adhesive carrier
- Transparent or brown design
- Width of 48 mm, different width made to order
- Roll of 66 m
- Roll for machine packaging 990 m

Printing of adhesive tapes

- We offer printing on all common types of adhesive tape
- 1-6 colours
- Customized background colour
- Standard 50 mm width, custom widths 25 and 75 mm
- Roll of 66 m or machine roll of 990 m



STRAPPING TAPES

Strapping tapes are used to fix or tie finished industrial products, individual cardboards or goods onto pallets.

Types of strapping tapes:

- Polypropylene (PP) - for bundling of prints, rewrapping of boxes, industrial products in packages and extensive loads on pallets
- Of elastic polypropylene (EPP) - fixation of materials which reduce their circumference and volume during transport (paper, building material)
- PET tapes - for tying heavy objects or pallet units
- Polyester textile straps (PES) - a replacement for steel straps for fixation of even extremely heavy objects (metal profiles, cables, pipes, wood, building materials, etc.)

PP straps (polypropylene)

- Low weight and high strength
- For manual and machine taping
- The straps are connected with metallic or plastic clamps, welded by heat or using ultrasound
- Possibility of printing according to customer requirements
- Heat resistance -20 °C / + 60 °C
- A wide range of widths, thicknesses and rolls
- Tensile strength of 56 - 260 kg

EPP straps (polypropylene)

- High resiliency (about 28%) with feedback memory
- For manual and machine taping
- Thermal welding or clip jointing
- Heat resistance -20 °C / + 60 °C
- Tensile strength of 240 - 360 kg



CARDBOARD CORRUGATED BOX

We produce corrugated and solid cardboard packages, both standard packages according to the FEFCO catalogue and non-standard packaging solutions. Thanks to our own designer studio, we can design and manufacture solutions according to customers' needs.

CARDBOARD OPTIONS:

- Consumer, group and transport packages
- 3-, 5- and 7-layer corrugated cardboard with different wave combinations
- Brown / brown, white / brown or white / white design
- Considerable dimensional variability (from minor cuts up to the pallet boxes and octabins)
- Possibility of up to four-colour printing
- Combination with other materials - wood, foamed polyethylene, polystyrene, foil and the like.
- Impregnation and lamination for increased utility qualities, e.g. anti-corrosion, grease-proof, anti-static, etc.

Types of cardboard:

- Flap boxes
- Box with lid
- Boxes according to cutting shapes (according to FEFCO or unique)
- Shape cut-outs
- Pallet boxes
- Octabins
- Interleaves
- Grids
- Fixations
- Packaging for pizza
- Wine packaging



WOODEN PACKAGING

We offer standard wooden packaging or packaging designed to order. Wooden containers can be supplied unfolded, folded, or any specific product can be directly wrapped (often in combination with other packaging materials) and prepared for transport. Our manufactured wood packaging complies with the ISPM 15 directive - Standard for wooden packaging in international trade - and are certified for HT treatment.

We offer:

- crates
- formwork
- pallets and floors
- returnable packaging



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