

Foils

Adhesive tapes

Binding tapes



Division of
Packaging Materials

Polystyrene


Cardboard

Fillings
and fixations

1. Introduction

TART 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.

Art of
packaging...



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.

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2. Benefits of cooperation

Comprehensive product range

We offer a wide range of packaging materials for various methods of packaging and for various industrial sectors.



Own production

We provide packaging materials produced on our own or within alliances. We can thus respond better and faster to the needs of our customers.



Inventories

In order to ensure the best possible service, we keep more than 1,500 items in stock, in seven logistics and distribution centres throughout the country.



Speed of delivery

Thanks to sufficient stocks, a network of logistics and distribution centres and a flexible transport system, our customers receive their goods within 48 hours.

We can also provide our customers with a service of Just In Time deliveries.



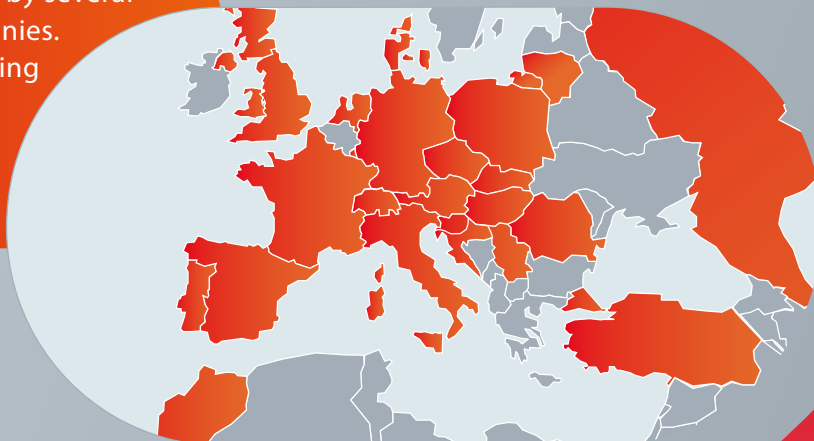
Packaging process optimization

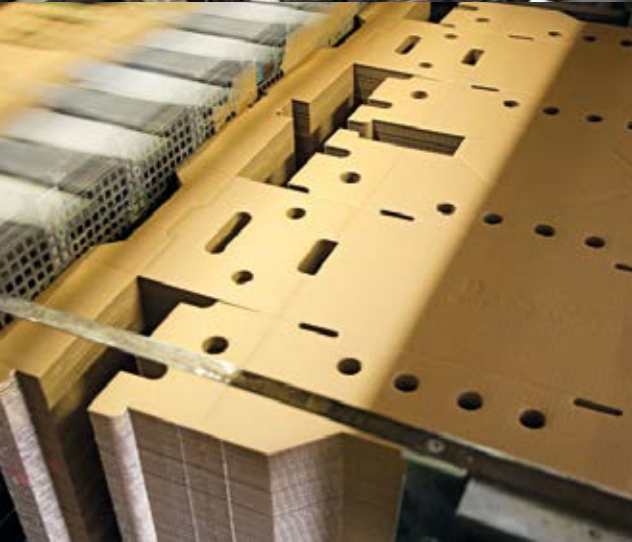
Within our services, we offer customers advice regarding issues of industrial packaging and the possibility to optimize their packaging process.



Stable partner

TART Holding today is constituted by several manufacturing and trading companies. Our business partners are the leading manufacturing and trading companies from various industries around the world.





3. 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 colour 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 (Arcel).

Strapping tapes

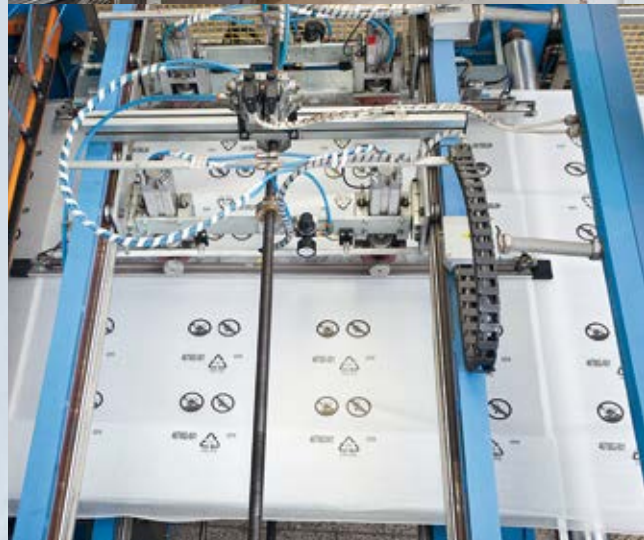
We produce quality strapping tapes for automatic strapping machines and hand strapping.

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.





4.1. Stretch foil

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

Properties:

- They protect against spillage, mechanical damage, dust, UV radiation and weathering during transport and storage
- 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)
- T-flexi M foil won the prize Packaging of the Year 2007

Options:

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



Stretch film for manual packaging

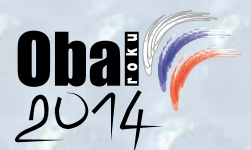
- Coil weights, mechanical properties and dimensions of the foil are adjusted for manual handling
- Supplied in various thicknesses (6–35 microns)

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 FP Elit

- 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





Metallocene stretch foil

- For mechanical and manual packaging
- High-quality foil of linear low density polyethylene-propylene (LLDPE) supplemented with high-quality additive – metallocene
- Very rigid and resistant to tearing even at high elongation
- Optimization of packaging costs

Blown stretch foil

- Highly transparent foil
- With very good adhesive properties
- High resistance to tearing
- High elongation - 200%, 280% and 300%
- Thickness of 7–35 micron
- Possibility of design with reinforced double edges –
– Designed for wrapping machines with high packing speed

Meshed stretch foils

- For packaging of goods requiring air circulation, either because of bad evaporation of water vapour, internal moisture, or overheating
- For manual and machine packaging
- parameters: 5 micron (elongation of up to 30%), 9 micron (elongation of up to 60%), 11 micron (elongation of up to 150%), 15 micron (elongation of up to 300%)

Accessories to stretch foils

- Manual unwinding dispensers for easy application of the foil
- Semiautomatic and automatic wrapping machines



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

FixNet®

- re-usable securing of pallets for multiple use
- easy to use
- very firm fixation of goods on the pallet
- environmental solution, zero waste





4.2. Polyethylene (LDPE/HDPE) foils

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

Examples of the types of produced foils:

- Thin foils for undemanding packaging
- Foils suitable for packaging with automatic machines, for the manufacturing of bags and for manual packaging
- Standard foil for wide use in common manual and machine packaging
- Foils suitable for large group packaging with higher demands for strength
- A special type of film for packaging PET bottles and other demanding packaging groups
- Highly transparent foil
- Thin foils for high-performance automatic machines



Monofoil

- Monolayer foils
- Possibility of adding various additives or combination of materials

Multilayer foils

- Possibility of a more efficient combination of materials and additives (different materials in different layers)
- Better mechanical properties at lower thicknesses, especially strength
- Better optical properties

Excellent - extremely solid foils

- Multilayer foils with a minimum thickness
- High cost savings on packaging
- Less waste - environmentally friendly design

Stretch hood

- High-quality foils with excellent mechanical properties
- For fixation of goods on pallets without heat shrinkage
- An excellent solution for plants with large volume packaging of entire pallets
- Manufactured according to customer-specific needs

Recycled PE foils

- Foils, hoses and semi-hoses from recycled material (non-shrinkable, for covering)

Bags and sacks

Dimensions:

- width from 150 to 1500 mm
- length from 200 to 2000 mm
- thickness from 25 to 200 µm
- we produce standard products of other dimensions as well

Options:

- with a flap, quick-closing design
- in bulk, in packages, in reels
- 3D, perforated, with venting holes
- coloured, printed

Palletizing bags

- For the fixation of goods onto pallets with heat shrinkage

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

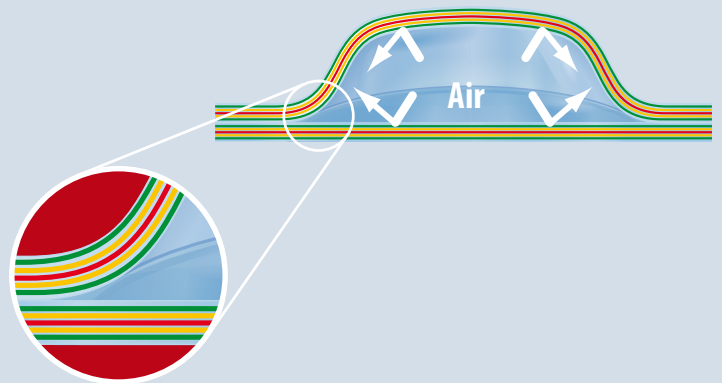


4.3. BUFO® barrier bubble foil

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
- Won the prize Packaging of the Year 2012

Options:

- Coloured foil
- Printable with up to 6 colours
- Antistatic and corrosion-resistant design
- self-extinguishing design
- UV stabilization
- transverse perforation for easy tearing



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



Possibility of lamination

BUFO + aluminium / metallized foil – Barrier foil for overseas packaging, building heat-reflective foil

BUFO + HDPE/LDPE – Barrier foil for heavier goods, furniture, parts, vehicle components

BUFO + paper – Barrier foil for heavier goods, furniture, parts, vehicle components and relocating

BUFO + PE foam – Barrier films for very fragile goods, scratch protection

BUFO + nonwoven fabric – Very resistant interlacing material

Bags and sheets of bubble foil

- We produce standard versions of all kinds of bubble foils

Options:

- Adhesive tape
- Flap
- Antistatic treatment
- Anticorrosive treatment

Bubble envelopes

- Envelopes lined with bubble foil
- Standard colour is white

Accessories for bubble foils

- Horizontal manual cutter

100% compostable BUFO Envira®

We are the world's first manufacturer of 100% compostable bubble wrap foil. BUFO Envira® foil is made from ecological bioplast and, after the end of its life, can be broken down by bacteria found in compost into biomass, water and CO₂. This process of biological degradation does not put extra strain on the environment.



Properties:

- bubble diameter 10 mm, height 4 mm
- roll width max. 1 m
- suitable for manufacturers of clothing - bags, sacks or sheets
- Foil on the roll available with perforation for easy tearing
- green colour
- complies to DIN EN 13 432



4.4. Polyolefin heat-shrinkable foils

Polyolefin heat-shrinkable foils are, thanks to their exceptional strength, visual characteristics, flexibility and shape memory, suitable for protective and group packaging, mainly of consumer goods and foods.

Properties:

- Multilayer foils = higher strength at lower thickness
- Adaptability to a wide range of shapes and sizes
- Fully recyclable, non-toxic
- Suitable also for food packaging
- High strength of welds
- High resistance to tearing

Options:

- For mechanical and manual packaging
- Anti-mist properties to prevent vapour condensation inside the packaging – the foil remains constantly clear

t-shrink puro foils

- universal polyolefin foils
- composed of 5 layers
- excellent mechanical and optical properties
- thickness 13–25 µm
- semi-hose



Cryovac® foils

- High-quality foil
- Crosslinked structure
- Various types of packaging for various products (heavy, irregular, soft, sensitive to temperature etc.)
- Flat sheet or semi-hose
- Thickness of 9–23 micron
- Cryovac® CT foils won the award Package of the Year 2013



Accessories for heat-shrinkable foils

- Semiautomatic and automatic packaging machines



4.5. 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





4.5. Adhesive packaging tapes

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

Humidification paper adhesive tapes

- It is necessary to moisten the tape before use
- Adhesive carrier - paper made from sulphate pulp
- Recyclable as paper
- Standard width of 50, 60, 70 and 80 mm (other width on demand)
- Roll of 200 m
- Brown colour
- Possibility of reinforced design
- Applied manually or with semiautomatic humidifier Eurotaper EA2 100/220

Reinforced adhesive tapes

- Adhesive carrier - polypropylene reinforced with glass fibres
- Solid in shear and abrasion-resistant
- Used in palletising and for bonding and bundling of heavy or sharp objects
- Width of 19, 25, 38 and 50 mm
- Transparent colour
- Roll of 50 m

Adhesive tape for sealing bags

- Simple application using manual dispenser/unwinding instrument
- Uses in the food industry (pastry)
- Width of 9 mm
- Roll of 66 m
- White, blue, red, transparent colour

Accessories for adhesive tapes

- Hand dispensers of adhesive tapes for easy and quick application
- Semiautomatic and automatic sealing machines

4.6. Technical adhesive tapes and foils

Technical adhesive tapes are intended mainly for purposes other than packaging. Self-adhesive foils are applied to the visible parts of the products, where they ensure scratch resistance.

Carpet tapes

- Double-sided adhesive carpet tape
- Adhesive carrier - Polypropylene fibers for bonding on a smooth, flat surface
- Textile fibres for bonding of structured substrates (stronger, more sticky)

Crepe masking tapes

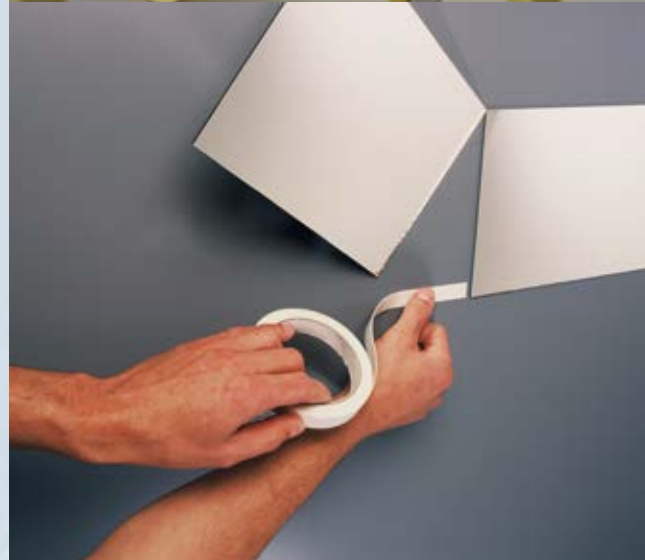
- Protection against undesirable staining with paint or varnish
- After removal it leaves no adhesive on the surface
- Types according to the resistance - up to 60 °C and 80 °C (short time exposure up to 110 °C)
- Width of 15, 19, 25, 30, 38 and 50 mm
- Roll of 50 m

Double-sided adhesive tapes and foams

- Long-term tack
- Adhesive carrier - PE foam – width of the tape 15, 19 and 25 mm; roll of 60 m; thickness of 1 mm
- Polyester – strap width of 12, 19 and 25 mm; length of 50 m; thickness of 0.17 mm
- Flis – strap width of 19, 25 and 50 mm; length of 50 m; thickness of 0,09 mm

Protective self-adhesive foils

- Glued directly on the protected part of the product
- Protection from scratches, dirtying or transferring of electrostatic charge
- Supplied in rolls or in the form of cut-outs
- After removal they leave no adhesive on the product surface





4.7. 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



PET tapes

- High strength and elasticity, low weight
- For manual and machine taping
- For ultrasound welding, thermal welding or the joining of metal clips
- Heat resistance -20 °C / + 60 °C

PES tapes (textile tapes)

- Woven and non-woven
- Shape memory
- Tape pre-stressing can absorb considerable volume changes of goods
- The tapes are friendly to packaged goods (do not damage the surface)
- Manual strapping (staple jointing), possibility of re-using tapes and staples
- The tape can be tightened if necessary even during transport or storage
- A wide range of widths, thicknesses and rolls
- Tensile strength of 170–2500 kg

Accessories to strapping tapes

- Manual dispensers
- Manual strapping tools for strapping with staples
- Electrical manual and automatic strapping machines
- Staples for manual joining of strapping tapes
- Protective corners as a prevention to deformation of edges due to the pressure of the strapping tape





4.8. Foamed polyethylene

Foamed polyethylene is suitable to protect products against mechanical damage or as a heat or sound insulation material.

Advantages of foamed polyethylene:

- Excellent flexibility, low thermal conductivity
- Chemical resistance
- Mechanical shock resistance
- Health and environmental safety, recyclability
- Easy process ability
- Long service life

Use:

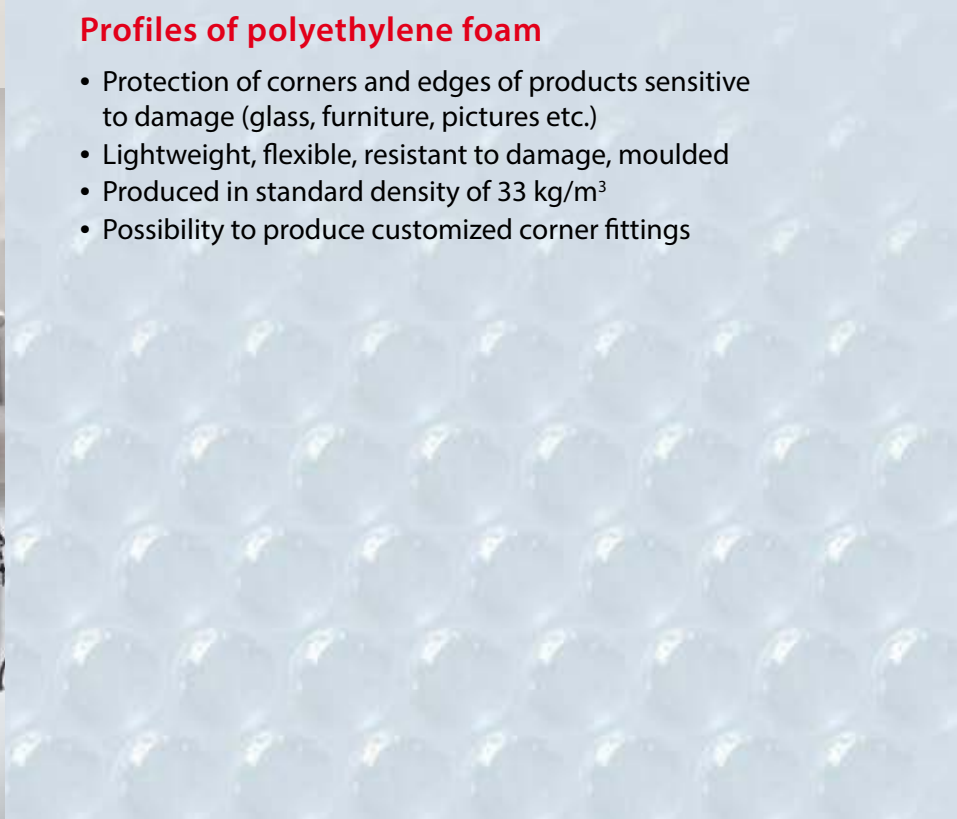
- Interleaves
- Standard products - blanks and bags
- Standard protective elements - edges
- Welded fittings

Standard foamed polyethylene

- 0,8–30 mm thickness (roll), 40–70 mm (boards)
- Density: 18–20 kg/m³, 23–25 kg/m³, 28–30 kg/m³ a 35 kg/m³
- Standard products - blanks and bags

Profiles of polyethylene foam

- Protection of corners and edges of products sensitive to damage (glass, furniture, pictures etc.)
- Lightweight, flexible, resistant to damage, moulded
- Produced in standard density of 33 kg/m³
- Possibility to produce customized corner fittings



Special types of foamed polyethylene:

PLASTOCELL®

- Very hard polyethylene foam polylaminated with HDPE foil with a thickness of 10 microns
- Thickness 1–5 mm
- Roll width 1000, 1200 and 1500 mm
- Reel length 500 m
- Can also be manufactured in standard dimensions

STRATOCELL®

- Foam for multiple product protection - absorbs repeated impacts on the product without losing its protective ability
- Layered lamination – application of heat
- Thickness 25–50 mm

CUSHION-PLY®

- Highly resistant foam
- Can replace polyurethane sheets, expanded polystyrene and cardboard folding boxes
- 40 mm thick
- Density of 16 kg/m³

Ethafoam®

- Powerful, single-layer polyethylene foam
- Density 18, 24, 30, 35, 65, 100 or 150 kg/m³
- Suitable material for fittings and fixation





4.9. Filling and fixing systems

Professional systems suitable for different packaging methods. Protection of products against impacts and damage, especially during transport and handling. Most commonly used for small and medium series whilst packaging them into cardboard boxes.

INSTAPAK® polyurethane foams

- Fast, simple and universal method for the packaging of fragile products
- Foam injected into special bags increases in volume during solidification, flows round the product and fills the space
- High packaging productivity
- Low costs of storage and transportation
- Reusable and recyclable
- 11 kinds of foams having different resiliency and density (4–29 kg/m³)

Methods of applying INSTAPAK® polyurethane foam:

- Self-expanding bags
- Using a special gun
- Machine production of bags with foam (individual or in infinite belt)
- Manufacture of precision fittings according to mould

Paper cushioning systems PackTiger™ and FasFil®

- Systems of cushioning pads from creased paper
- Environmentally friendly, recyclable
- Cushioning pads can be taken directly from the machine or stored in containers
- High speed, systems also suitable for on-line operations

Inflatable packaging systems Fill-Air® Rocket

- Systems for creating air cushions of required sizes from an endless roll of PE foil.
- Minimum requirements for storage space for packaging material
- High performance system
- Simple installation and operation



Highly protective bubble wrap NewAir I.B.™

- System for creating highly resistant blister foils from an endless roll of PE foil
- Bubbles height 13, 19 or 25 mm
- Minimum requirements for storage space
- High performance system
- Simple installation and operation

Korrvu® fixing membranes

- Cardboard body and a highly stretchable film that is stuck to the cardboard by means of a special adhesive
- Protective packaging with perfect appearance
- Suitable for small and medium products (max. sheet size 70 x 45 cm)
- Comprehensive protection against negative influences during transport and storage

Automated systems

PriorityPak™

- System for forming packages ready to be sent
- Various material packages - paper laminated with bubble wrap or foil
- Manual, semi- or fully automatic system

Rapid Fill®

- System for inflating bags directly in the box
- Perfect filling of empty space in the box
- Several times higher packaging speed than in manual systems
- Reduced packaging costs



4.10. Cardboard

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

4.11. Paper products

Paper is an effective packaging material, very flexible and easy to apply. It is also possible to increase its utility properties by lamination or surface treatment (coating).

Dual-layer corrugated cardboard

- Ecological and affordable protection of products supplied in rolls or in the form of blanks

Overwrap papers

- Top hat paper supplied as blanks
- Overwrap paper in rolls or as blanks
- HAVANA EKO paper as blanks
- Paraffined paper
- Possibility of non-standard customized paper products

Kraft paper laminated with foil

- Paper with protection against penetration of moisture and fat
- The base paper is coated with polyethylene with a surface density of 20 g/m²
- Comes in the form of blanks

Cardboard edges

- Reinforcement of edges of pallets with goods or filling of the corners inside boxes
- Multiple applicability
- Thickness of 2–10 mm
- 80–3 000 mm long (or longer)
- Shoulder width 35–100 mm

Options:

- With cutouts (circular application)
- Moisture-resistant treatment
- Aluminum surface
- Printing
- Self-adhesive





4.12. Teflon-coated materials

Teflon is used for example in the sealing of foil, cutting of profiles in the production of plastic windows, a heat shield for hot-air tunnels or as a conveyor belt in extreme thermal conditions.

Properties:

- Considerable resistance in the range of high and low temperatures (-200 °C / + 260 °C)
- Chemical resistance, resistance to fungi and molds
- High tensile strength and dimensional stability, di-electric strength
- Adhesive and non-adhesive design
- Supplied in rolls, such as blanks or tapes or as conveyor belts

4.13. NOLCO-FLEX

Packaging made from fibreboard, which may be combined together with different types of outer lamination (foils, paper, fabric).

Properties:

- Excellent protective properties
- High strength and flexibility
- Resistance to moisture
- Dimensional variability - depending on application
- Environmentally friendly

4.14. 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
- pallets and floors
- formwork
- returnable packaging



4.15. Polypropylene cell boards

Proplast is a modern and environmentally friendly packaging material. It is suitable for ultrasonic sealing, hot bending, mechanical joining and perforating. Typical containers made from PROPLAST are boxes, interleaves, protective grilles, fixing pads, etc.

Properties:

- Solid, stable and lightweight
- Long service life, possibility of multiple uses
- Resistant to chemicals, water and weather conditions
- Non-toxic, fully recyclable
- Printable
- Surface density from 250 to 1 750 g/m²
- Thickness of 2–10 mm
- Possible treatment - UV stabilization, antistatic property, self-extinguishing property

4.16. Expanded polystyrene (EPS)

Modern packaging material with many advantages and with a broad range of applications.

Properties:

- Resistance to compression
- Resistance to moisture
- Strength and durability
- Material for thermal and acoustic insulation
- Lightweight, easy to handle
- Extensive dimensional adaptability
- Health and environmental safety
- Recyclability

Supplied as:

- Packaging and shape fittings manufactured according to customer wishes (suitable for medium and large series)
- Thermal boxes with lid
- Protective edges and corners

FLEXI POR®

- A copolymer of polystyrene and polyethylene
- Highly elastic and durable
- Chemically resistant
- Recyclable



4.17. Cortec anti-corrosion packaging materials

Anti-corrosion packaging materials serve to protect products against corrosion during storage (even long term), transport or use. These materials contain VpCI® volatile corrosion inhibitors that constitute a molecular layer on the surface of ferrous and non-ferrous metals and reliably protect packaged products against corrosive influences.

Properties:

- High efficiency
- Simple application even to hard to reach places
- Possibility of reuse
- Recyclable, ISO 14001 certified
- Non-toxic, zero content of heavy metals, nitrides, silicones, phosphates, chlorinated hydrocarbons
- Anti-corrosion packaging won the Packaging of the year award

VpCI®-126 – LDPE foils

Heat sealable LDPE anti-corrosion foil is available in rolls or sheets, bags, covers, etc. Blue-dyed through for easy identification.

VpCI®-126 – bubble foil

Bubble anti-corrosion foil is available in rolls or sheets, bags, covers, etc. Blue-dyed through for easy identification.

CorPak – fixation (stretch) foil

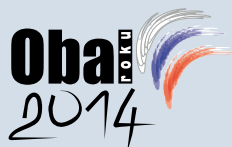
Stretch anti-corrosion foil.

VpCI®-146 – anti-corrosion paper

Kraft anti-corrosion wrapping paper supplied in rolls or sheets, or even as bags.

CorrLam – barrier foil

Barrier metallized heat-sealable foil providing excellent long-term protection against water vapour, corrosive gases and UV radiation.



MilCorr White – transport foil

Easily weldable and heat-shrinkable anti-corrosion transport foil comprising a mixture of gas corrosion inhibitors, flame retardants and a UV filter. Excellent protection for long-term outdoor storage and overseas shipping.

VpCI®-130 – impregnated foams

Dimensional range of foams for protection of all metals that can be used as a flexible container or as an additional carrier of the inhibitor inside the package.

VpCI®-105 – plastic capsules

Plastic capsules with evaporating corrosion inhibitor and breathable membrane particularly suitable for the protection of electrical equipment against corrosion and moisture.

CorPak 1 MUL – breathable bags

Breathable bags with corrosion inhibitor, inside a sealed package allow for the protection of metallic and non-metallic materials against corrosion for a period of up to 24 months.

CorPak tablets

The tablets contain gaseous corrosion inhibitors. They are inserted into cardboard boxes, bags and packages of small dimensions.

Desicorr desiccant

Breathable pouches with combined desiccant and corrosion inhibitors to provide protection for up to 24 months. Various bag dimensions.

You can find more information in the catalogue of anti-corrosive materials or at www.cortecvci.cz.



5. Other divisions of TART

Division of **Packaging Machinery**

The aim of the packaging machine division is to solve specific customer requirements, which is achieved through an offer of a comprehensive range of stretch wrapping, strapping, carton sealing, foiling and welding machines and complete packaging lines.



Division of **Packaging Solutions**

The most complex packaging solutions are implemented within the framework of the complex packaging division. Our staff successfully handle the demanding requirements of consumers, group and transport packaging of products using returnable and non-returnable packaging. The priority fields for complex packaging include the automotive industry, mechanical engineering, electronics and logistics centres.



Division of **Cortec Anticorrosion System**

The division of anti-corrosion materials provides, under the license from multinational company Cortec, innovative corrosion protection solutions for mechanical engineering, power engineering and petrochemical industry, metal processing industry, telecommunications, electronics, construction, automotive and various other industries.



Division of **Industrial Export Packaging**

TART offers a comprehensive solution to the logistics process, especially for companies and businesses involved in foreign trade whose products require non-standard packaging and protection.



Division of **Envira Biodegradable Packaging**

Envira compostable packaging products help to protect nature and the environment. This packaging is made from natural materials (corn, soy), and after its service life it can be fully composted.



Division of **Sunflex Thermoreflective Foils**

Thermal reflective construction foils SUNFLEX® are an excellent complement to conventional thermal insulation systems for buildings. They contribute significantly to reducing heat loss in winter and to a greater thermal comfort in summer.





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