



**MAC
GRAF**

**Experts in secondary and bulk
packaging**

2023

Product catalogue

www.mac-graf.com.pl

TRUSTWORTHY PARTNER



Mac-Graf has been operating since 1994. The company specialises in the production of bubble wrap and polyethylene foam, known as SONG foam.

Thanks to our patented technologies, our products are of the highest quality, earning recognition from our European customers. Our offer includes the highest quality packaging materials and useful accessories.



11,167+
Products on offer



120+
Qualified employees



8,924+
Satisfied customers



29
Years on the market



Its transparency makes it easier to recognize packaged products while air-filled bubbles protect the product from shocks and impacts.

As a bubble wrap manufacturer, we offer our customers a wide range of product options and prices that the competition cannot match.

Applications:



Industries: automotive, furniture, textiles, leather goods, glass, and emerging technologies.



Removals



Protection of items in e-commerce (e.g., ceramics, electronic equipment, books)

Advantages:

- flexibility
- water resistant
- protects from shocks and impacts
- reusability

Parameters:



Colour: pink, transparent, available in various colors for specific uses



Availability: rolls, sheets, sleeves, half-sleeves or bags



Width: from 0,15 to 2 m



Grammage tailored to customer's needs

Variants:

- Two-layer (light (B-1) and reinforced (B-2))
- Three-layer (regular (B-3) and reinforced (B-4))



By Customer's request we can make useful perforation and long-lasting digital print to display the company name.

BUBBLE WRAP



Sample products



rolls



perforation



laminate



bags



sleeve and half-sleeve



sheets



Mac-Graf manufactures polyethylene foam using innovative technology and the highest quality resins. Our products are known for their outstanding mechanical and physicochemical properties.

Applications:



In automotive, furniture, textile, glass and new technologies industries



In construction industry: underlay for panels, concrete floors and laminates



Removals



Protection of goods in e-commerce, e.g. pottery, electronics, books etc.

Parameters:



Colour: white



Availability: rolls, sheets, bags



Width: from 0.1 to 2 m



Thickness: from 0,8 to 15 mm

Advantages:

- lightweight and flexible
- non-absorbent
- resistant to abrasion
- excellent insulation properties

POLYETHYLENE FOAM



Sample products



laminate



sheets



rolls



perforation



dilatation foam



Competitive Prices, High Quality

We guarantee competitive prices while maintaining the highest product quality. We are experts in the packaging materials market, allowing us to achieve the best price-to-quality ratio, precisely meeting our customers' needs.



Fast Delivery

Our professional team will help you find the best solutions for your company, and our innovative technologies enable quick production and delivery of products to our customers. Satisfaction guaranteed.



Recycling

We are committed to the environment - 100% of our products are recyclable. All our products are made using secondary raw materials - last year, we used 400 tons of regranulate obtained through recycling.

Stretch film



Protective stretch film is commonly used for wrapping loads on pallets, serving as one of the fundamental tools in the transport, shipping, and logistics sector.

Advantages:

- low cost
- easy application with use of dispensers
- versatile use
- flexibility and extensibility – adapting to irregular shapes
- stickiness – the foil sticks to itself, creating a coherent, stable layer without the use of adhesive tapes
- transparency makes it easy to recognize the contents of the cargo
- resistance to abrasion, mechanical damage, moisture and low temperatures

Parameters:



Colour: white, black, transparent, blue



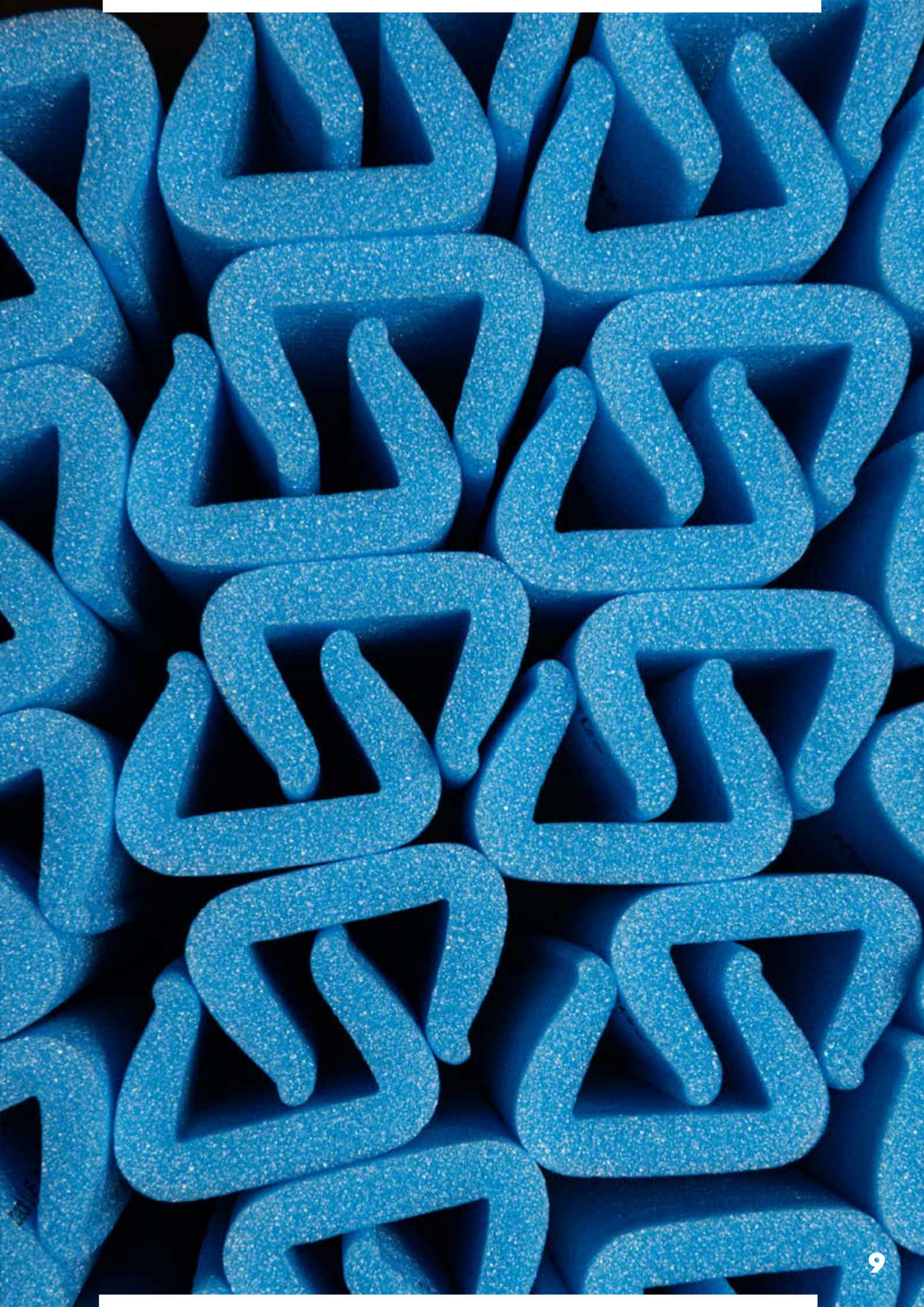
Type: hand, machine wrap



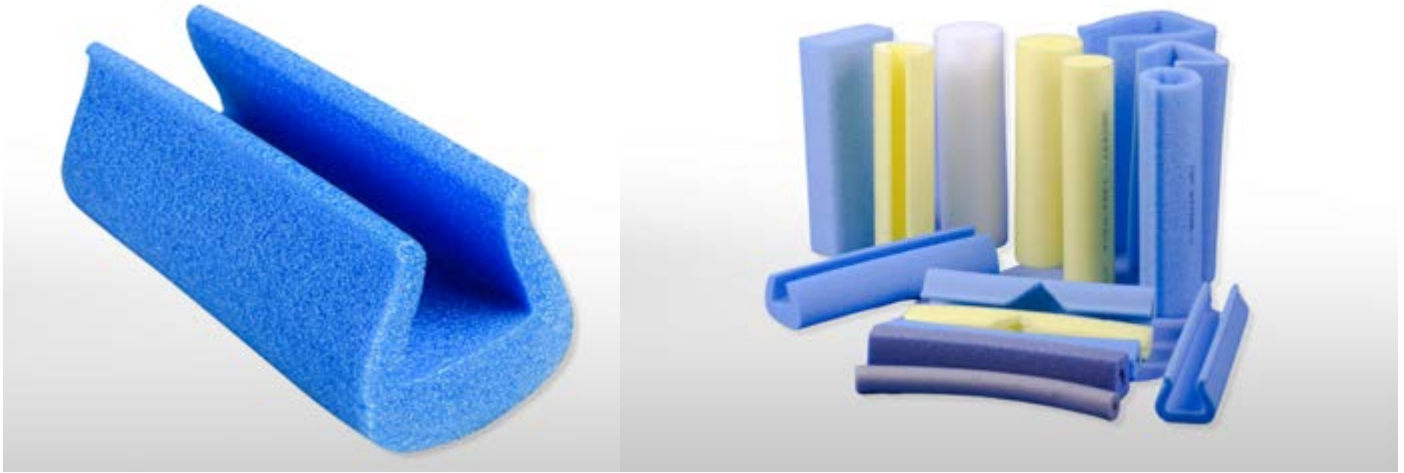
Width: from 10 to 500 mm



Thickness: from 9 to 30 μm



Profile foam corner protectors



This category includes products that facilitate securing the goods during transport and storage in a warehouse. Corner protectors of polyethylene foam effectively protect edges from mechanical damage and scratches. The foam is designed to absorb impacts and dampen shocks, and at the same time not overload the cargo.

Advantages:

- diversity of products makes it possible to perfectly fit the corner protector to the Customer's specific needs
- effective protection in all conditions
- light material does not add weight to the load
- elasticity and possibility of cutting polyethylene
- resistance to moisture
- low price
- reusability

Parameters:



Colour: blue, grey



Shape: U, U tulip, O, L, corner



Thickness: from 2 to 30 mm

Corrugated cardboard



It is a widely used solution in TFL and construction industry. Cardboard sheets are made in the process of ironing multiple pulp layers. As an effect we get a material which is more durable and stiff than ordinary paper, and at the same time elastic enough to be easily fitted to a chosen shape. Corrugated cardboard may consist of two, three or five levels of paper connected by a corrugated layer. The more paper levels, the higher the stiffness and endurance. Corrugated cardboard in a roll or a sheet is used to secure loads and fill the space inside the package.

Advantages:

- excellent shock-absorbing and protective features
- low weight and low price
- easy to cut easily adjusts to load dimensions and efficiently uses the cardboard (little waste)
- recyclable
- diversity of products offer different properties which can be tailored for specific uses
- elasticity - easy to fit to different shapes

Parameters:



Format: Rolls, sheets



Layers: 2 layer (roll), 3 - 5 layer (sheet)



Quality gsm: from 175 g to 190 g



Roll width: from 20 cm to 160 cm



Roll length: from 10 cm to 150cm

PACKAGING MATERIALS



Packaging tapes



It's the perfect solution for both manual and automated packaging systems and is available with various synthetic or natural adhesive backings.

In Mac-Graf's product range, you can find various types of adhesive tapes, including packaging tapes, printed tapes, masking tapes, double-sided tapes, repair tapes, warning tapes, and paper tapes.

Custom printing on tapes is also available to meet specific customer requirements.

Advantages:

- easy application - tapes can be applied manually or with the use of a dispenser
- versatile use
- tight packing of the parcel
- can protect parts of the packaging against moisture and dirt
- easy to peel off/cut the tape during unloading

Parameters:



Colour: transparent, grey-brown



Type of glue: solvent, acrylic, hotmelt



Width: from 25 to 72 mm



Length: from 44 to 990 y (from 40 to 905m)



Banding tapes



Banding tapes are a necessary element of equipment for every TFL company. Their properties are especially useful for the companies in charge of securing loads during transport. Durability and elasticity of the reel translates into its varied applicability. In the first place, it is perfect for fastening pallets, binding loads and securing cartons and packages. Banding tapes stabilise loads forwarded via road, rail, sea and air transport.

Banding tape may be connected using manual devices (wire, tin or polypropylene fasteners) or more advanced equipment (manual vibrating welding machines, as well as automatic and semi-automatic machines used mainly to pack parcels or unit loads).

Advantages:

- durability and elasticity
- resistance to abrasion, moisture and corrosion (polypropylene and polyester tape)
- low cost of effective securing of items of various sizes
- easy method of connecting the tape - manually or mechanically
- resistance to chemical factors

Parameters:



Colour: white, black, green



Type: polyester, polypropylene



Width PP tape: from 12 to 19 mm



Width PET tape: from 9 to 25 mm

Equipment and accessories



In our product range, we offer a wide variety of manual and automatic devices that make packaging easy and efficient.

For detailed information about our packaging equipment and accessories and their functionality - you can contact our advisors.

Available products:

- stretch film wrappers
- packaging tape dispensers
- tensioners for banding tapes
- tensioners for strapping reels and strapping machines used to secure loads with PP strapping bands

Choose your Business Partner



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