

TIMd.o.o.

BANATSKI KARLOVAC

30



years

OF MANUFACTURING
POLYETHYLENE
PACKAGING

OF SUCCESSFUL
OPERATING

**FOR
FUTURE**

OUR COMPANY

TIM doo from Banatski Karlovac, Serbia, has been successfully operating on the Serbian and European market for over 30 years. Various packaging technologies have been developed to meet continuously increasing consumer demand for comfortable and safe use, convenience of use, and fresh quality of packaged products. Our company is one of the leading manufacturers of polyethylene packaging with an extremely large product range.

OUR LOCATION

Banatski Karlovac is the largest town on the territory of Alibunar Municipality. It's located in Vojvodina, only 55 km from Belgrade, capital of Serbia; 40 km from Pančevo and 25 km from Vršac. The international road Belgrade - Vršac - Timisoara in Romania - road E-94 goes through the B.Karlovac, as well as the railway Belgrade - Vršac - Timisoara.



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BANATSKI KARLOVAC



Banatski
Karlovac

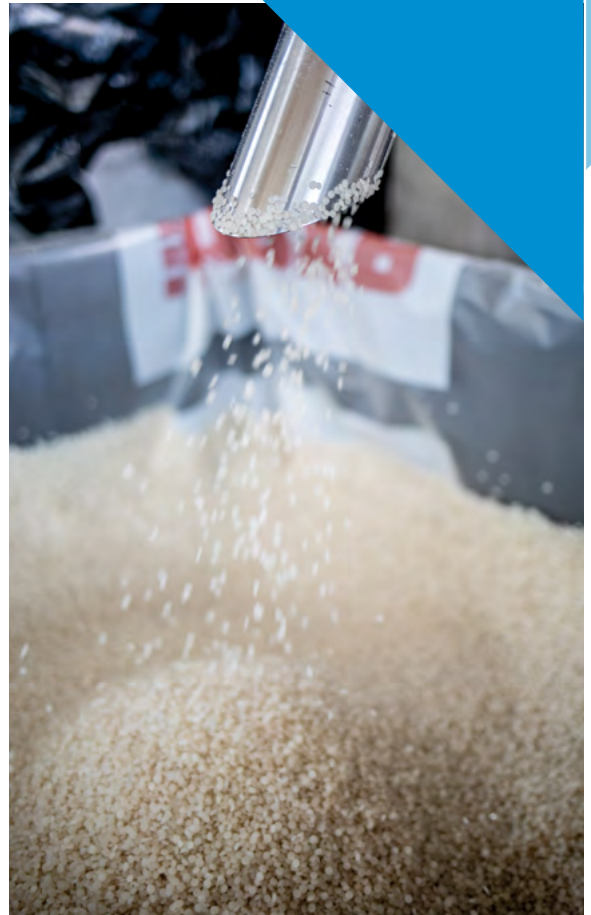
Belgrade



A photograph of a modern industrial factory. In the foreground, several large, white, cylindrical plastic containers are visible. In the background, there are complex robotic arms and machinery, including a large white robotic arm with multiple joints and sensors. The factory has a clean, organized appearance with blue and white structural elements.

TIM doo has:

- ▶ 30 years of successful business operating
- ▶ leading position in the polyethylene packaging production
- ▶ modern technological park
- ▶ more than 100 employees
- ▶ recycling incorporated
- ▶ modern laboratory enables testing of product quality and scientific research work



We are proud to emphasize
that TIM doo is

- ▶ environmentally friendly company
- ▶ socially responsible company





**TRADIOTIONAL
QUALITY
IN LINE WITH
MODERN
TECHNOLOGY**



MODERN TECHNOLOGY PARK

Tim doo has modern technology park and producing equipment that have been developed and improved through the years. We constantly invest in the contemporary technology and modernization of the production process in the way to support all market requests.

Production lines we have in our company:

- ▶ 5 layers extruder COEX 2700
- ▶ 3 layers extruder COEX 2400
- ▶ 3 layers extruder COEX 1800
- ▶ 3 layers extruder COEX 1000
- ▶ MACCHI SINTEX 65 extrusion line to produce mono layer film
- ▶ HD MACCHI extrusion line to produce HD films
- ▶ Extrusion line QUEENS 45-650 H to produce hoses
- ▶ Extrusion line QUEENS 65-1500 H to produce HD films
- ▶ QUEENS QTB-850AS line-up flex printing
- ▶ 3-layers extrusion line MACCHI CAST 1500 to produce stretch film
- ▶ flexo printing line SALDOFLEX FLEXOL 4 COLORS 1000 X 1200 LE
- ▶ flexo printing line 6 COLORS FLEXOL INLINE SE TYPE 1000x1200
- ▶ 2 flexo printing machines (4 colors)
- ▶ 2 cutting machines
- ▶ ROLOMATIK AMUTEC TSC-B-R-1600 machine to produce bags wrapped on rolls
- ▶ ARVOR 1000 bags machine
- ▶ VIARA FORTUNA bags machine
- ▶ MOBERT VICTORY 1100 - Delta 8 machine to make ready-to-wear bags
- ▶ DE BERNARDI bag making machine
- ▶ 2 recycling machines: EREMA 1108 TVE and EREMA 1006 TVE

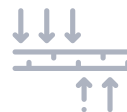
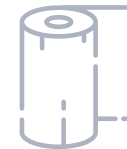




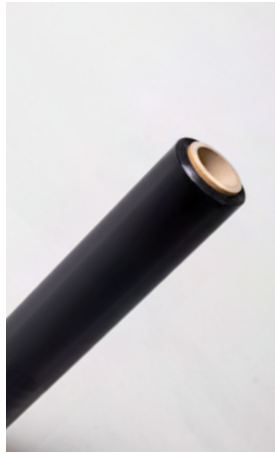
OUR PRODUCT PORTFOLIO

We can split our product portfolio into three groups depending on the final applications of the produced films:

- ▶ **Packaging group**
- ▶ **Agricultural group**
- ▶ **Industrial group**



PACKAGING GROUP



SHRINK FILM

Shrink film is an industrial product made of polyethylene raw material and produced in different sizes and thickness according to usage purpose. It is applied in wide range of industrial areas such as water and liquid packaging, food packaging, electronic and ceramic materials packaging.

SHRINK FILM can be made with micro perforation and printed in 4 colors.

SHRINK HOOD

Shrink hood film is produced in rolls and bags to wrap pallets while protecting them from dirt and sun with UV stabilization included.

PACKAGING BAGS

in different sizes and applications: T-shirt bags, T-shirt bags on roll, boutique bags, garbage bags, bags for pellet

STRETCH FILM

is a highly stretchable plastic film that is wrapped around items. The elastic recovery keeps the items tightly bound. It is frequently used to unitize pallet loads but also may be used for bundling smaller items. Types of stretch film include jumbo stretch film, hand stretch film, extended core stretch film – pre stretch film and machine stretch film.



AGRI CULTURAL GROUP



AGRICULTURAL FILM

are very important for agricultural industry. It is made in different dimensions and sizes: 4m, 6m, 8m, with or without UV stabilizer. Agricultural films are an effective solution to protect crops from weather conditions and pests, reduce thermal shock between day and night and ensure effective watering.

MULCH FILMS

are used to cover specially prepared soil. The role of the mulch film is to prevent development of weeds, soil drying, water evaporation and to protect soil temperature as well.

SILAGE FILM is produced to protect silage and to keep it fresh.

GREENHOUSE AND TUNNEL FILMS

Increasing consumer needs for year-round access to fresh products call for more efficient production and crop protection methods. Greenhouse and tunnel films allow a greater diversify of crop types.

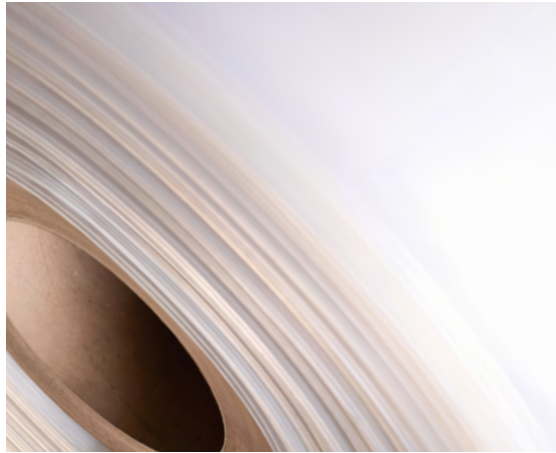
Technical Properties and Benefits:

Greenhouses and tunnels are generally made at very high layflats, as high as 65 feet. As a result, bubble stability is very important during production. Polyethylene films for these applications must:

- Resist exposure to UV
- Resist fogging due to condensation of interior moisture
- Resist environmental contaminants (acid rain, particulate)
- Be tough enough to withstand abuse
- Allow the transmission of light



INDUSTRIAL GROUP



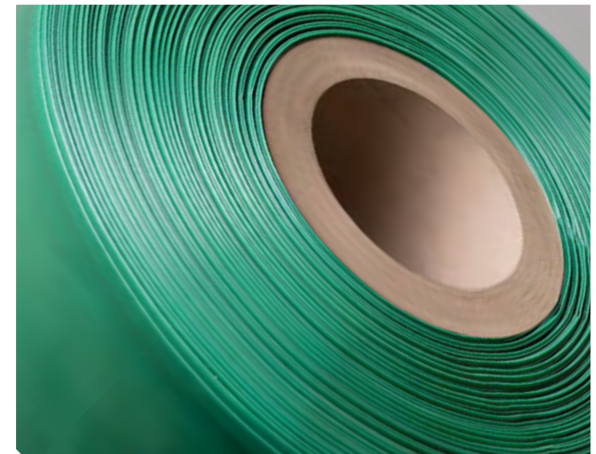
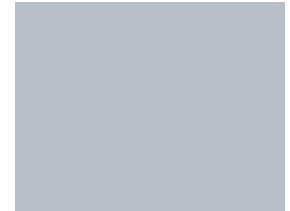
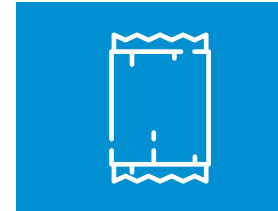
CONSTRUCTION FILM

Construction film is used to protect and storage construction materials and equipment indoor and outdoor area.

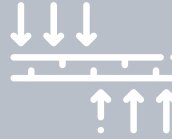
FFS FILM

Polyethylene films for automated packaging – FFS (Form-Fill-Seal) are used in the production of granular and powdery products which use gravity for bag filling. According to buyers demands the tubular film can be with 4 color print, with side folds and embossed, to prevent filled palletized PE bags from slipping during storage and transport.
Use:

- Food industry – for salt, sugar, pasta packaging
- Construction industry – for chalk, plaster...
- Agriculture – for soil packaging
- Packing of granulate material
- Heavy duty sacks

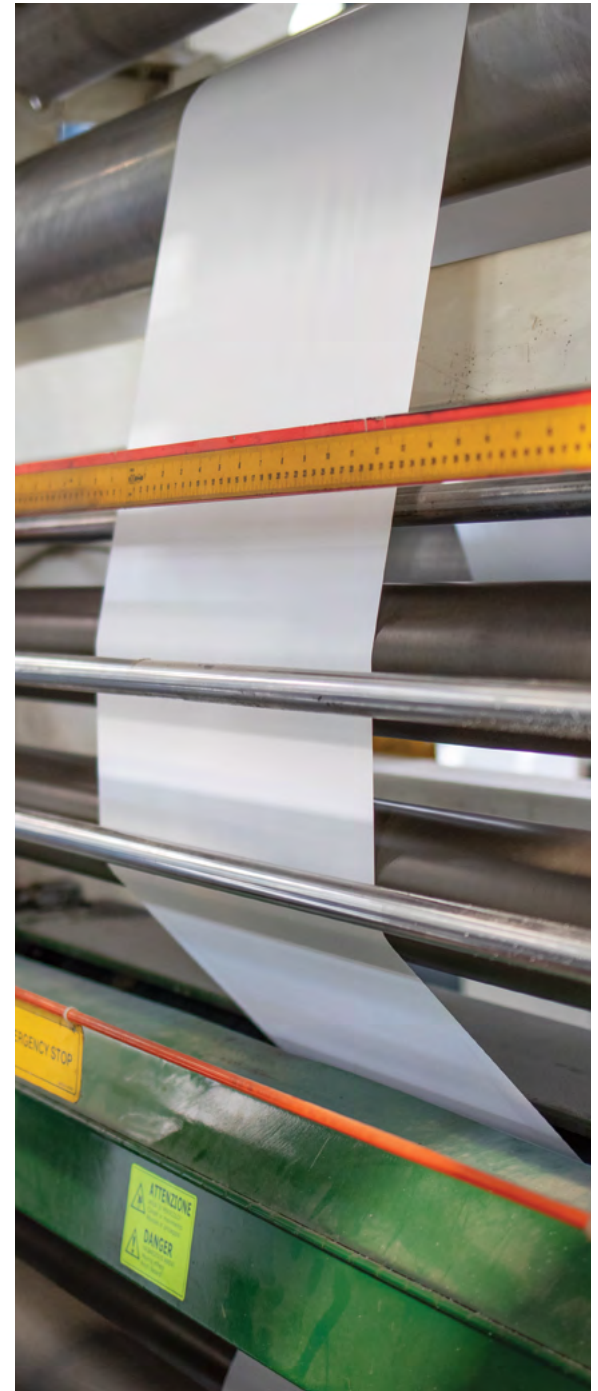


SPECIAL USAGE FILMS



In accordance with market needs and requests, we are able to produce different kind of special usage polyethylene films like:

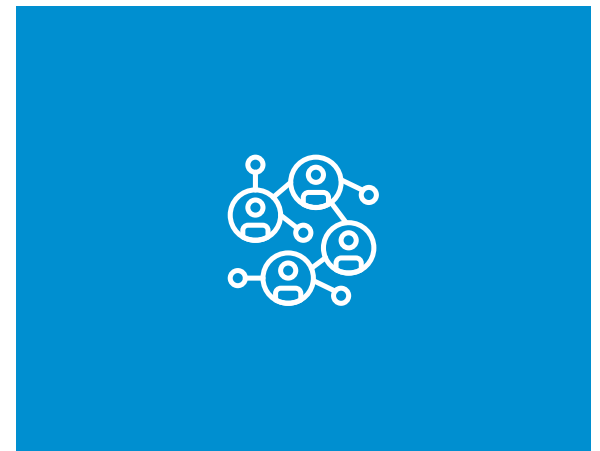
- films for bed underpads
- films for printing and laminations





OUR PEOPLE

MORE THAN 100 PEOPLE WORK TOGETHER TO PROVIDE HIGH QUALITY PACKAGING PRODUCTS.



TIM d.o.o. BANATSKI
KARLOVAC

Production of Polyethylene Films



**WE PROVIDE PRE-SALES
AND AFTER-SALES SUPPORT.**



**WE PRODUCE
FOR THE FUTURE.**



**WE ARE AT OUR CLIENTS
DISPOSAL 7/24.**

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