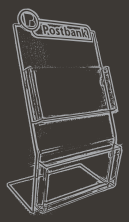
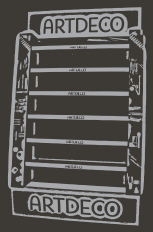
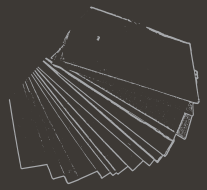
2023 Product cataloque

Sheet and films
from PS, ABS, GPPS, PMMA
Outdoor Advertising
POS Displays, Paper Bags
Litho, Screen and Digital Printing
Awnings and TIR Tarpaulines
Packing solutions
Elements for buildings

Made in Bulgaria







About Us

MOUSE-PS Ltd was founded in 1991. Since then the company has rapidly grown and developed and only 5 years later, in 1996, it commenced operation on the foreign markets as well.

MOUSE-PS own production and warehouse buildings are located in Bulgaria, **one plant in Sofia with 15,000 m²** covered area and second plant in **Botevgrad with 24 200 m²** covered area.

We use modern european machines for more than **15 million euro**.

In 2014 we established sales company Sign & Store Solutions GmbH in Gummersbach, Germany.

Our undisputed advantages that win the trust of our customers are:

- High quality products
- Fully closed production cycle;
- Short production timing;
- Big versitality of technologies;
- A team of over 350 highly qualified specialists;
- Long established professional experience;
- Competitive/Advantageous prices.

Our activities

MOUSE-PS Ltd offers a wide range of products and services for **outdoor and indoor advertising**, as well as **visual communication, light signs and illuminated letters, desktop publishing, printed matter** and **tailor made non-standard solutions.**

In 2006 MOUSE-PS acquired part of Plastchim AD's assets in Botevgrad, a company with experience in polystyrene and acrylic sheet extrusion of more than 30 years. Following a large-scale modernization, **the plant starts production of polystyrene/PS/, ABS, PMMA**, polypropylene /**PP**/ **and SAN sheets**. A year later, the production of polystyrene films begins, as well as of co-extruded sheets. In 2019 we installed new co-extrusion line for **ESD electrically conductive plastic films**.

From 2018, using our modern equipment we started **production of different aluminium and steel parts for buildings**, as facade panels, isolated panels with Rockwall inside, fences and other decorative elements. We have the most modern powder coating and company have QUALICOAT and QUALISTEELCOAT painting certificates.

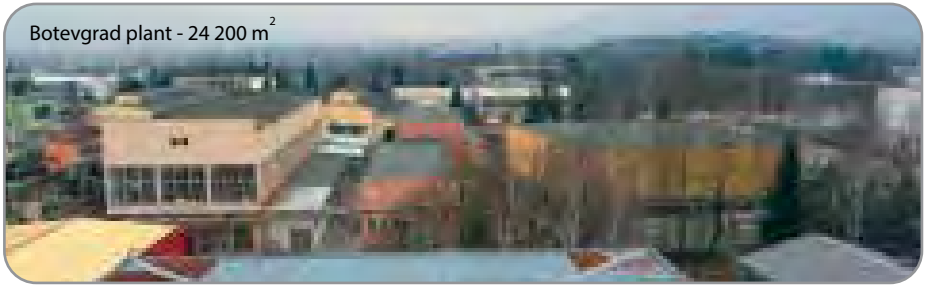
Our products

MOUSE-PS Ltd is famous as advertising products manufacturer, but we also start to operate in different other sectors as:

- sheet extrusion;
- automotive parts;
- building facade elements;
- isolated building panels;
- plastic recycling;
- powder coating;
- packaging;
- steel fences;
- ESD electro-conductive films, sheets and transport trays.
- welding steel and aluminium industrial parts, using our CLOOS 7 axis welding robot;
- paper bags;
- textile frames and die-sublimation textile printing.


Sofia plant 15 000 m²


Sofia administration building


Botevgrad plant - 24 200 m²

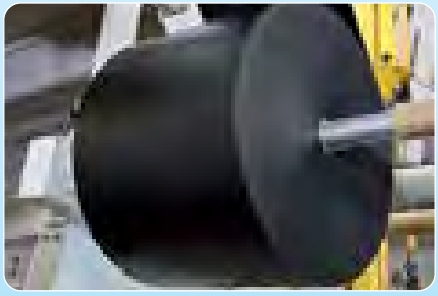
1. EXTRUSION & FORMING

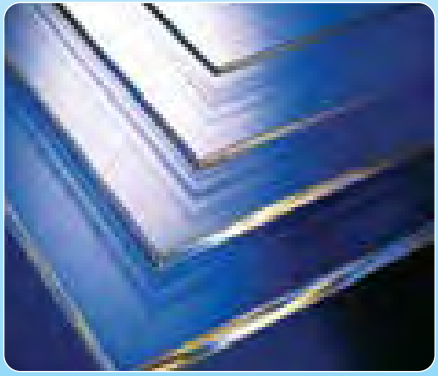
Our modern plastic processing factory is located in Bulgaria, city of Botevgrad and is located on an area of 35000 m^2.

Following large scale of modernization in the plant, now we have 3 sheets extrusion lines, 2 films extrusion lines, 2 EREMA granulating lines, shredder, grinders, vacuum forming machines and other equipments.

In our factory we produce:

- Extruded sheets from:
  - PMMA,
  - ABS,
  - HIPS,
  - GPPS
  - SAN
- Extruded ESD (electro conductive) HIPS films and sheets
- Vacuum formed trays, made from foils
- Vacuum formed parts, made from sheets
- Recycling of industrial waste from HIPS, ABS, PP and PE





2. ADVERTISING & PRINTING

From the date of establishing in 1991 Mouse-PS Ltd. operate as company for production of different products in advertising industry. Now a days with our more than 300 employees we are the biggest signs and displays manufacturer in Bulgaria and one of the biggest in Europe.

Our high qualified employees and closed production cycle, including all kind of technologies give to our customer opportunity to order complicated products in series or in single production.

Our main products are:

- Illuminated and facade signs
- Channel illuminated letters
- Totems, pylons, billboards
- Click frames and engraved signs
- Plastic displays
- Leaflets, catalogues, brochures
- Textile frames
- Paper bags

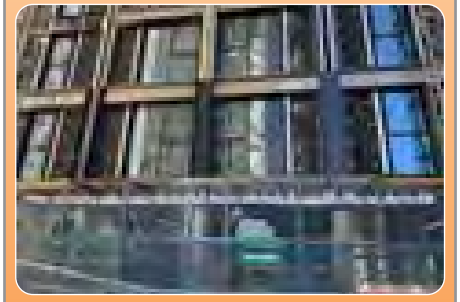
3. METAL WORKING

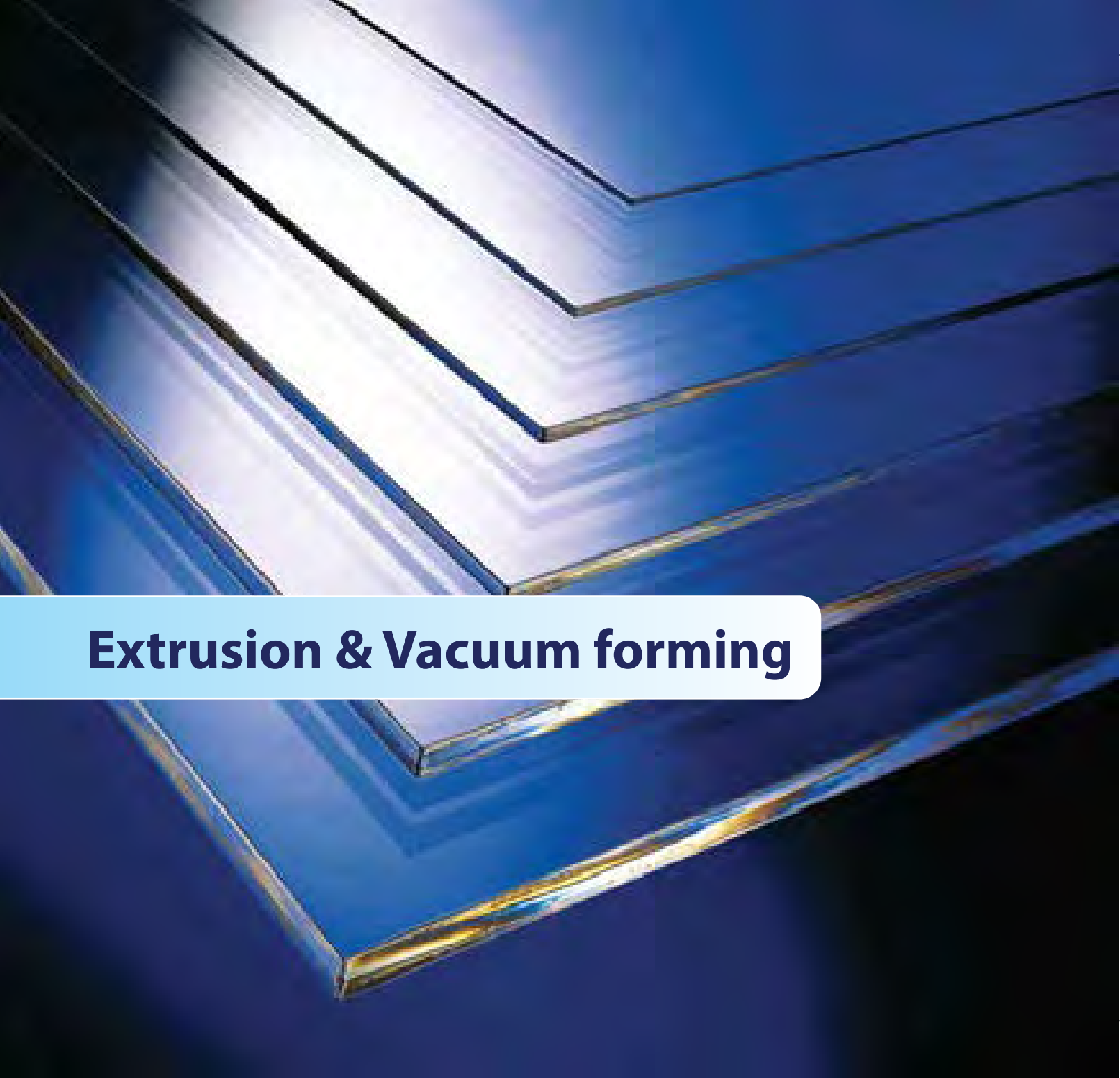
Using our modern sheet metalworking machines and powder coating line we establish new division in our company. In this division we start to produce different industrial parts or products, which application is for outdoor use.

We certified our powder coating line by Qualicoat and Qualisteelcoat, as we can achieve 1500 hours Salt Spray Test on steel parts and 2000 hours acetic Salt Spray Test for aluminum parts.

This opportunity to offer quality powder coating gives us the opportunity to produce the following products:

- Aluminum facade panels
- Building aluminum structures
- Steel fences
- Steel railings
- Aluminum ceiling and roofing
- Perforated decorative elements





Extrusion & Vacuum forming


Co-extrusion line SEIDE, Germany - 600 kg/h


Winder


Dozing systems, 6+4 components

Electrically conductive HIPS films and sheets

General - High Impact Polystyrene (HIPS) is a general-purpose opaque material that has a good balance of stiffness and tougness. It has good impact strength and is an excellent all-purpose material.

Mouse-PS Ltd. produce conductive material in rolls and sheets. This material is created for production of transport trays for packaging electronic components, which are very sensitive to Electro Static Discharge (ESD). It has permanent conductive properties, without the dependence of the humid atmosphere.

State-of-the-art technology for dosing and mixing gives us the ability to offer different products to provide the exact degree of conductivity required for your application, whether anti-static, static dissipative, ESD protection, conductive, or EMI/RFI shielding.

Special compounds that we use in the production of the sheets and films can be custom tailored to offer different surface or volume resistence in range from 10^3 to 10^{12} (Ω.cm)

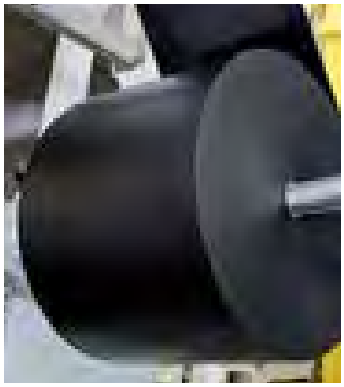
Applications - **Trays for electronic devices, handling trays and areas sensitive to ESD**

Colour - **Black only.**

Finish - **Matt/matt.**

Types of Conductive Materials - they are divided into 4 major classifications based on their electrical properties and decay rates for static charges.

Anti-Static materials - volume resistance 10^{10} to 10^{12} Ω.cm
Static Dissipative materials - volume resistance 10^{6} to 10^{12} Ω.cm
Conductive materials - volume resistance 10^{3} to 10^{6} Ω.cm
EMI/RFI Shielding materials - volume resistance 10^{1} to 10^{4} Ω.cm



TECHNICAL INFORMATION

FILMS

Technical parameters for our extruded HIPS ESD films

Extrusion technology:	Mono-extrusion or Co-extrusion
Co-extrusion layers:	A, AB, ABA
Surface resistance:	$10^3 – 10^{12}$Ω.cm
Volume resistance:	$10^3 – 10^{12}$Ω.cm
Thickness:	200 - 2000 microns
Rolls width:	up to 820 mm
Rolls diameter:	up to 1200 mm
Rolls weight:	up to 540 kg
Cardbord core:	∅76, ∅152, ∅254 mm

SHEETS

Technical parameters for our extruded HIPS ESD sheets

Extrusion technology:	Mono-extrusion or Co-extrusion
Co-extrusion layers:	A, AB, ABA
Surface resistance:	$10^3–10^{12}$Ω.cm
Volume resistance:	$10^3–10^{12}$Ω.cm
Sheet thickness:	1.0 - 10.0 mm
Sheet width:	up to 1480 mm
Sheet length:	up to 3000 mm or cut to size

Technical specifications for our 3 models conductivity foils

			Conductivity	High	Medium	Low
			Model	FESD	PF3ESD	PF5ESD
Properties	**Unit**	**Standard**	**Method**	**Value**	**Value**	**Value**
Density	g/cm^3	ISO 1183	A	1.14	1.12	1.10
Surface Conductivity on face side	Ω.cm	DIN EN 61340	5-3	**1x10^3-1x10^6**	**2x10^4-5x10^6**	**1x10^6-1x10^9**
Volume Conductivity	Ω.cm	DIN EN 61340	5-3	**1x10^3-1x10^6**	**2x10^4-5x10^6**	**1x10^6-1x10^9**
Surface Conductivity on back side	Ω.cm	DIN EN 61340	5-3	**1x10^3-1x10^6**	**2x10^4-5x10^6**	**1x10^6-1x10^9**
Izod Notched Impact Strenght	KJ/M^2	ISO 180	1A at 23°C	9	9	9
Tensile Strength	Mpa	ISO 527	50mm/min	21.9	21.9	21.9
Elongation at Break	%	ISO 527	50mm/min	23	23	23
Vicat Softening Point	°C	ISO 306	B50/oil	100	100	100
Heat Distortion Temperature	°C	ISO 075-1	HDT/A 1.8MPa	65	65	65

ADDITIONAL INFORMATION

Thermoforming - HIPS ESD films and sheets are easy to thermoform. Typical forming temperatures vary between 150°C to 180°C. Normally no pre-drying is not required if the material is kept in dry conditions.

UV Resistance - in outdoor or strong UV light condition, natural HIPS will discolour and become brittle in a matter of months. Being black will greatly improve its UV stability. For UV stabilised grades (additives), please refer to the relevant technical data sheet or contact the sales office.

Fabrication - *ADHESIVES*: When gluing, make optimum use of the good solubility of the polystyrene by using either a solvent or a solvent-based adhesive. Examples of solvent-based adhesive are as follows: toluol, methylene chloride, and tetrahydrofurane. The adhesion of polystyrene to other materials occurs by using either a permanent or two-component glue. ***WELDING:*** Ultrasonic welding is preferable, but not gas welding, hot plate and heat impulse welding methods are also possible. High frequency welding, due to its small dielectric losses, is not suitable. ***CUTTING:*** Semi-finished products made from polystyrene are easily cut and processed, i. e. punched, sawed, drilled, milled, cut with a rotary saw etc. Moreover , processing tools normally used for metal and woodwork can be utilised. Because of the poor heat conductivity and the relatively low softening temperature, it is recommended that the parts must be cooled with blown air or water. ***PRINTING/PAINTING:*** Typical printing techniques used are silk-screen, offset litho and flexographic. In silk-screen printing if using solvent based inks, they can reflect negatively on surface conductivity. In contrast, offset printing on polystyrene can sometimes require corona treatment of the semi-finished material to improve ink transfer and adhesion. When using solvent based paints, it is always advisable to test for suitability, as significant levels of solvents may chemically attack the polystyrene.

Cleaning and Maintenance - typical detergents and soaps dissolved in warm water can be used to effectively clean surface contamination from the surface.

Chemical Resistance - it is influenced by many factors, including concentration, temperature, exposure time and material stress. Therefore, the data below should only be used as a guide.

Reagent	Chemical Resistance
Acetone	Poor
Acid - (Weak)	Very Good
Acid - (Strong)	Poor
Apple Juice	Very Good
Beef Fat	Very Good
Butter	Good
Base (Weak)	Excellent
Base (Strong)	Poor
Carrrot Juice	Excellent
Chloroform	Poor
Citric Acid Solution	Good
Common Salt	Excellent
Detergents	Good
Dairy Products	Good
Diesel	Poor
Ethyl Alcohol	Good
Fertilisers	Good
Petrol	Poor

Vacuum formed electrically conductive HIPS transport trays

Our extruded conductive polystyrene film is an effective solution for the production of different kinds of vacuumformed transport trays, which are used in electronic industry for packing components.

This films and trays prevent electronic components from electrical discharge damage.

We can offer you to make mould design, 3D sample printed tray, production tests and serial production, according to our customer needs.

Technical parameters for our vacuum formed HIPS ESD trays

Maximum forming size from foil:	700x500x50 mm
Maximum foil thickness:	2.0 mm
Maximum forming size from sheet:	1000x660x150 mm
Maximum sheet thickness:	4.0 mm
Maximum surface resistance :	$1.10^{4} – 1.10^{9}$ Ω.cm
Maximum volume resistance :	$1.10^{4} – 1.10^{12}$ Ω.cm

ABS SHEETS

Our serie of ABS sheets is known as high quality products. They have very good impact-strength and impressive thermal properties. These sheets are easy to thermoform and fabricate.

We use high quality raw materials from leading global producers. Our workers are well qualified and have more than 30 years of experience in plastic extrusion.

We work together with our customers and suppliers to develop new products according to the market and adjust our production to our customer's specific requirements.

Sheet structure, sheet sizes, colour matching, masking, packaging, pallets and transportation are arranged to fit all needs.

Corona treatment or Dual colouring on both sides of our ABS sheets is possible if requested. If needed we can add UV stabilizers to improve weather resistance.

Our sheets can be used for food contact products.

TECHNICAL INFORMATION FOR OUR EXTRUSION LINES

CO-EXTRUSION SHEET LINE - BREYER 340

- Materials: HIPS, ABS, GPPS, PMMA, SMMA
- Production capacity: 300 kg/hour
- Sheet thickness: 1.00 mm - 6.00 mm
- Maximum sheet width: up to 1200 mm
- Maximum sheet length: up to 4050 mm
- 3 layer co-extrusion
- Any colour is available for minimum quantity of 300 kg
- We can produce one side embossed sheets

EXTRUSION SHEET LINE - REIFENHÄUSER E/H EH 2100

- Materials: PMMA, HIPS, GPPS, ABS, PP
- Production capacity: 420 kg/hour
- Sheet thickness: 1.4 - 11.4mm
- Maximum sheet width: up to 2050 mm
- Maximum sheet length: up to 6050 mm
- Any colour is available for minimum quantity of 300 kg
- We can produce one side embossed sheets
- Additional option: corona treatment

Colours: **RAL** 1018, 2004, 3003, 5002, 7004, 7040, 8011, 9001, 9003, 9005, 9006, 9010,9022

HIPS FILMS

We have 2 film extrusion lines on which we extrude HIPS films

FILM CO-EXTRUSION LINE - model - SEIDE

- Production capacity: 600 kg/hour
- Film thickness: 200 - 2000 microns
- Maximum film width: up to 820 mm
- Maximum roll diameter: up to 1000 mm
- Core diameter: 76 - 200 mm

FILM EXTRUSION LINE - model - EKK 120-30 V

- Production capacity: 220 kg/hour
- Foil thickness: 180 - 900 microns
- Maximum foil width: up to 1200 mm
- Maximum roll diameter: up to 650 mm
- Core diameter: 76 mm

Any colours are available for minimum quantity of 300 kg

Special Features:

- food contact version
- film with good cold-resistance
- film with good impact resistance
- UV protection - increase weatherability
- any colour by RAL and Pantone
- suitable for vacuum forming

EXTRUSION SHEET LINE - REIFENHÄUSER

ACRYLIC SHEETS

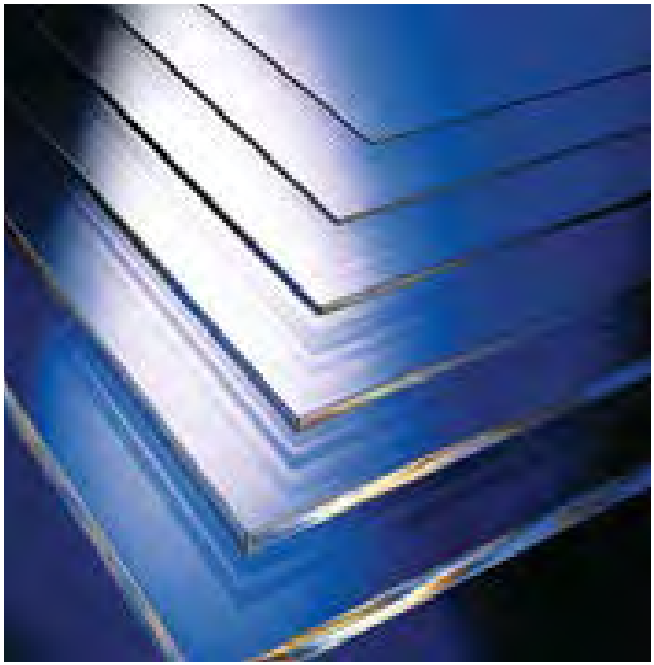
Our acrylic sheets have good optical properties and surface. We are producing clear and white opal or opak sheets, and other colours are available if requested. PMMA sheets are used in advertising industry for the light signs and illuminated letters or other industrial parts.

PMMA sheets have the following benefits

- Excellent transparency
- Very good weathering and chemical resistance
- Easy to handle and thermo forming
- High impact strength
- They can be machined using all the usual methods, such as sawing, drilling, laser or router cutting and polishing. Screen or flatbad UV digital printing is possible to be made.

Delivery program of acrylic /PMMA sheets

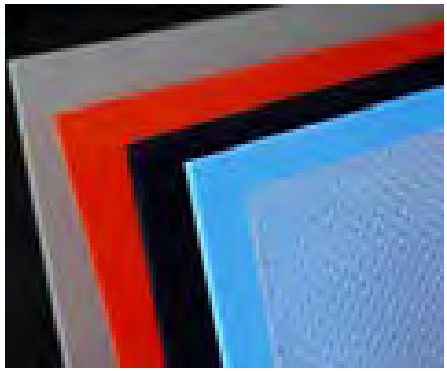
- Sheet size: 3050 x 2050 mm
- Other sizes - on request
- Thickness range 1.80 – 6.00 mm
- Colors - clear, opal, white opaque
- Embossed sheets in few designs
  - 13, 15, 17, 22, 23, 25, 26, 33,34, 35, 39, 42, 44



PACKING INFORMATION FOR PMMA (ACRYLIC SHEETS)

Model Name	Material	Thickness	Color	LT	Surface	Sheet size	kg/pallet	Quantity sheets on pallet
AC-0000	PMMA	1.80 mm	clear	92 %	gloss/gloss	3050x2050 mm	1071 kg	80
AC-0000	PMMA	2.00 mm	clear	92 %	gloss/gloss	3050x2050 mm	1116 kg	75
AC-0000	PMMA	3.00 mm	clear	92 %	gloss/gloss	3050x2050 mm	1116 kg	50
AC-0000	PMMA	4.00 mm	clear	92 %	gloss/gloss	3050x2050 mm	1131 kg	38
AC-0000	PMMA	5.00 mm	clear	92 %	gloss/gloss	3050x2050 mm	1116 kg	30
AC-0000	PMMA	6.00 mm	clear	92 %	gloss/gloss	3050x2050 mm	1116 kg	25
AC-0000-WH35	PMMA	2.00 mm	White opal	35 %	gloss/gloss	3050x2050 mm	893 kg	60
AC-0000-WH30	PMMA	3.00 mm	White opal	30 %	gloss/gloss	3050x2050 mm	893 kg	40
AC-0000-WH30	PMMA	4.00 mm	White opal	30 %	gloss/gloss	3050x2050 mm	893 kg	30
AC-0000-WH30	PMMA	5.00 mm	White opal	30 %	gloss/gloss	3050x2050 mm	893 kg	24
AC-0000-WH30	PMMA	6.00 mm	White opal	30 %	gloss/gloss	3050x2050 mm	893 kg	20
AC-0000-WH6	PMMA	3.00 mm	White opaque	6 %	gloss/gloss	3050x2050 mm	893 kg	40
AC-0000-WH6	PMMA	4.00 mm	White opaque	6 %	gloss/gloss	3050x2050 mm	893 kg	30
AC-0000-WH6	PMMA	5.00 mm	White opaque	6 %	gloss/gloss	3050x2050 mm	893 kg	24

Polystyrene sheets



Mouse-PS Ltd produces extruded clear and coloured polysyrene sheets. Clear sheets with light transmission 89% have excellent transparency for interior glazing usage, lamps and ceiling light fittings. For this application we can provide clear, opal white, or one side embossed sheets.

Low water absorbtion of polystyrene sheets determine their use as bath or shower cabin doors. For this application we have different sheets with modern designs.

Polystyrene sheets can be produced with or without UV stabilization and with or without masking film.

Delivery program of HIPS and GPPS shets

- Standard size: 2050 x 1250 mm
- Maximum Length: 6050 mm
- Maximum width: 2050 mm
- Thickness range: 1.00 - 11.40 mm
- Cut to size: available on request, no minimum quantity
- Surface texture: gloss/gloss, gloss/mat, embossed/gloss, embossed/mat

HIPS benefits:

- Easy for thermoforming
- High impact strength
- Good thermal qualities
- Possible food contact approval
- Low water absorbsion
- Easy to recycle
- Low price

GPPS / Crystal sheets benefits:

- Good surface hardness and scratch resistance
- Excellent transparency
- Good thermal stability
- Low water absorbsion
- Possible food contact approval
- Easy to recycle
- Low price

PACKING INFORMATION FOR GPPS SHEETS

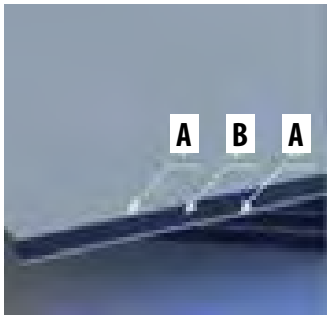
Model Name	Material	Thickness	Color	LT	Surface	Sheet size	kg/pallet	Quantity sheets on pallet
GS-0000	GPPS	2.50 mm	clear	89 %	gloss/gloss	3050x2050 mm	985 kg	60
GS-0000	GPPS	3.00 mm	clear	89 %	gloss/gloss	3050x2050 mm	985 kg	50
GS-0000	GPPS	4.00 mm	clear	89 %	gloss/gloss	3050x2050 mm	998 kg	38
GS-0000	GPPS	5.00 mm	clear	89 %	gloss/gloss	3050x2050 mm	985 kg	30
GS-0000	GPPS	6.00 mm	clear	89 %	gloss/gloss	3050x2050 mm	985 kg	25
GS-0000	GPPS	2.00 mm	clear	89 %	gloss/gloss	2050x1250 mm	538 kg	100
GS-0000	GPPS	2.50 mm	clear	89 %	gloss/gloss	2050x1250 mm	538 kg	80
GS-0000	GPPS	3.00 mm	clear	89 %	gloss/gloss	2050x1250 mm	525 kg	60
GS-0000	GPPS	4.00 mm	clear	89 %	gloss/gloss	2050x1250 mm	538 kg	50
GS-0000	GPPS	5.00 mm	clear	89 %	gloss/gloss	2050x1250 mm	538 kg	40

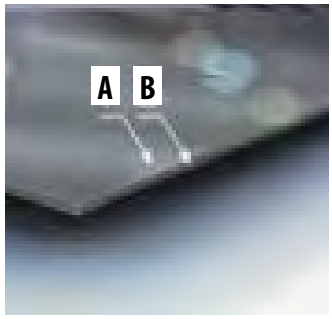
Co-extruded HIPS/ABS and GPPS Sheets

These sheets can be extruded in 2 layers (AB) or 3 layers (ABA).

The co-extrusion of crystal polystyrene (GPPS) over HIPS or ABS core makes the colours look glossier, brighter and nicer.

The co-extrusion with virgin material on A layer and recycled material in the middle B layer of the sheet gives to our customers sheets with low price, brilliant surface and good opacity.





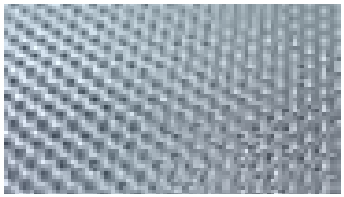
DELIVERY PROGRAM OF 2 OR 3 LAYERS CO-EXTRUDED HIPS SHEETS:

- Standard size: 2050 x 1200 mm
- Maximum Length: 4050 mm
- Maximum width: 1200 mm
- Thickness range: 1.00 - 6.00 mm
- Any RAL colour for upper (1) and lower (3) layers
- Middle layer (2) - virgin HIPS in ANY RAL colour or 100% recycled HIPS in grey or black

DELIVERY PROGRAM TO ONE OR BOTH SIDES CO-EXTRUDED POLYSYRENE SHEETS WITH GLOSS LAYER:

- Standard size: 2050 x 1200 mm
- Maximum Length: 4050 mm
- Maximum width: 1200 mm
- Thickness range: 1.00 - 6.00 mm
- Thickness of upper (1) and lower (3) layers 0.05 - 0.2 mm
- Middle layer - virgin HIPS in ANY RAL colour

Available embossing designs:
13, 15, 17, 22, 23, 25, 26, 31, 33, 34, 35, 39, 41, 42, 44



Standard colours for both extruded and co-extruded sheets

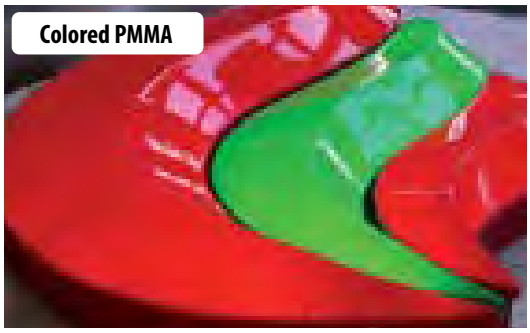
RAL 9001 RAL 9003 RAL 9010 RAL 9016	RAL 1018	RAL 2004	**RAL 3003 RAL 3020 PANTONE RUBINE RED**	PANTONE 266
RAL 5002 RAL 5026 PANTONE 3005	RAL 7004 RAL 7035 RAL 7038 RAL 7040 RAL 7043	RAL 8011	**RAL 9005**	**RAL 9006 RAL 9022 Metalic colors**

Any colours are available on request at minimum quantity of 300 kg.

We can make a product design, moulds engineering, production and also to manufacture ready vacuum formed parts from ABS, PMMA or HIPS sheets. This parts are used in different industries. Screen or digital printing is possible on inner or outer side before forming. These special parts are used in advertising industry as faces for light signs or displays.

Technical parameters for our vacuumforming machines

	KIEFEL machine	HANWOOD machine
Maximum forming size:	1000x660x150 mm	3000x2000x600 mm
Maximum sheet thickness:	4.0 mm	10.0 mm


Colored PMMA

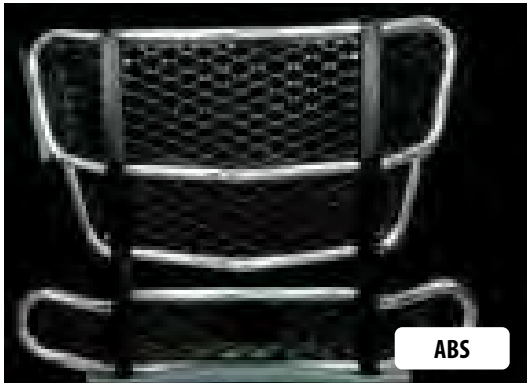

White opal PMMA with Vinyl


ABS


HIPS

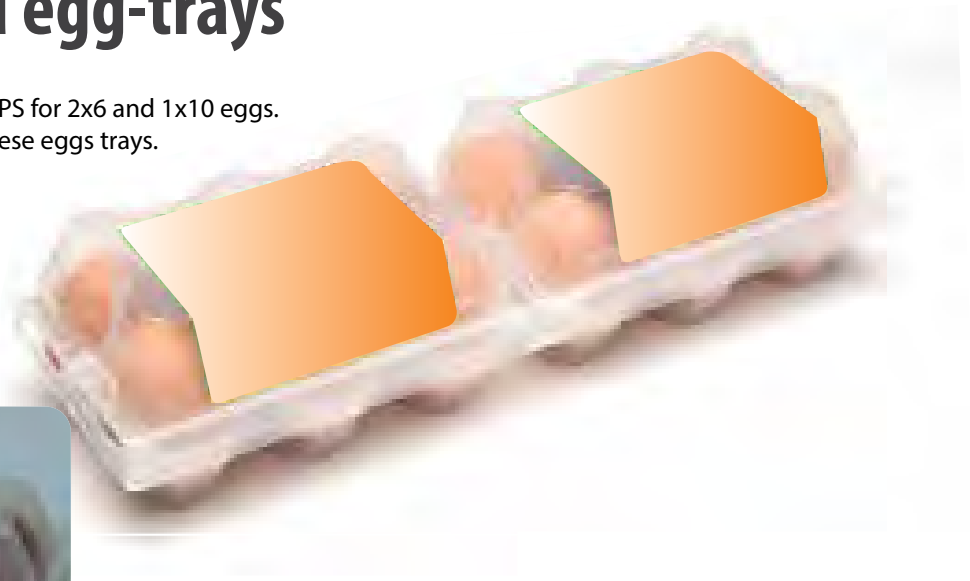

ABS


Screen printed clear acrylic


ABS

Vacuum formed egg-trays

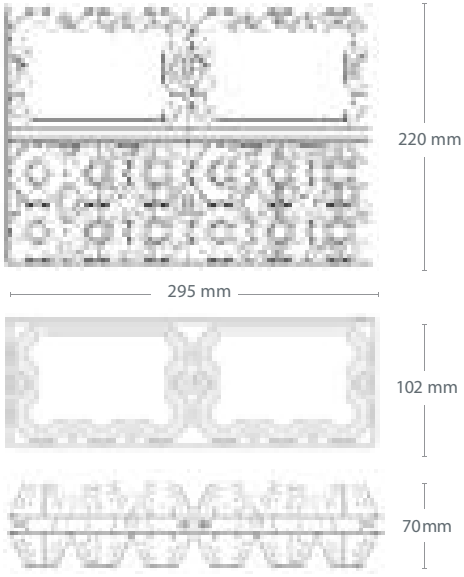
We produce eggs trays from HIPS/GPPS for 2x6 and 1x10 eggs.
If requested we can apply label on these eggs trays.



295 mm

70 mm

PACK DIMENSIONS



Diffuser sheets for LED lighting

Our company has the technology and know-how to produce diffuser sheets specialized for the lighting industry, which have brilliant optical properties and surface.

We have the ability to mix with precision different masterbatches and additives to produce sheets with controlled LT and Haze percentage ratio according to the needs of our customers. This lets our clients control the glare of the luminaires UGR (Unifide Glare Raiting).

We have developed a specialized series of diffuser sheets, which guarantee equal light distribution over the full surface of the diffuser while the lighting source remains hidden and there are no light spots on the diffuser.

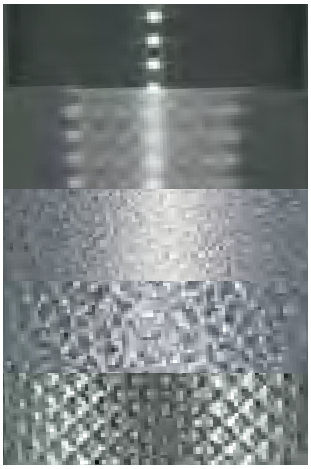
Special thickness, sheet sizes and Light trasmittance are possible.
On request one or both sides of sheet surface can be gloss, matt or embossed.

Cut to size: Available on request, no minimum quantity.

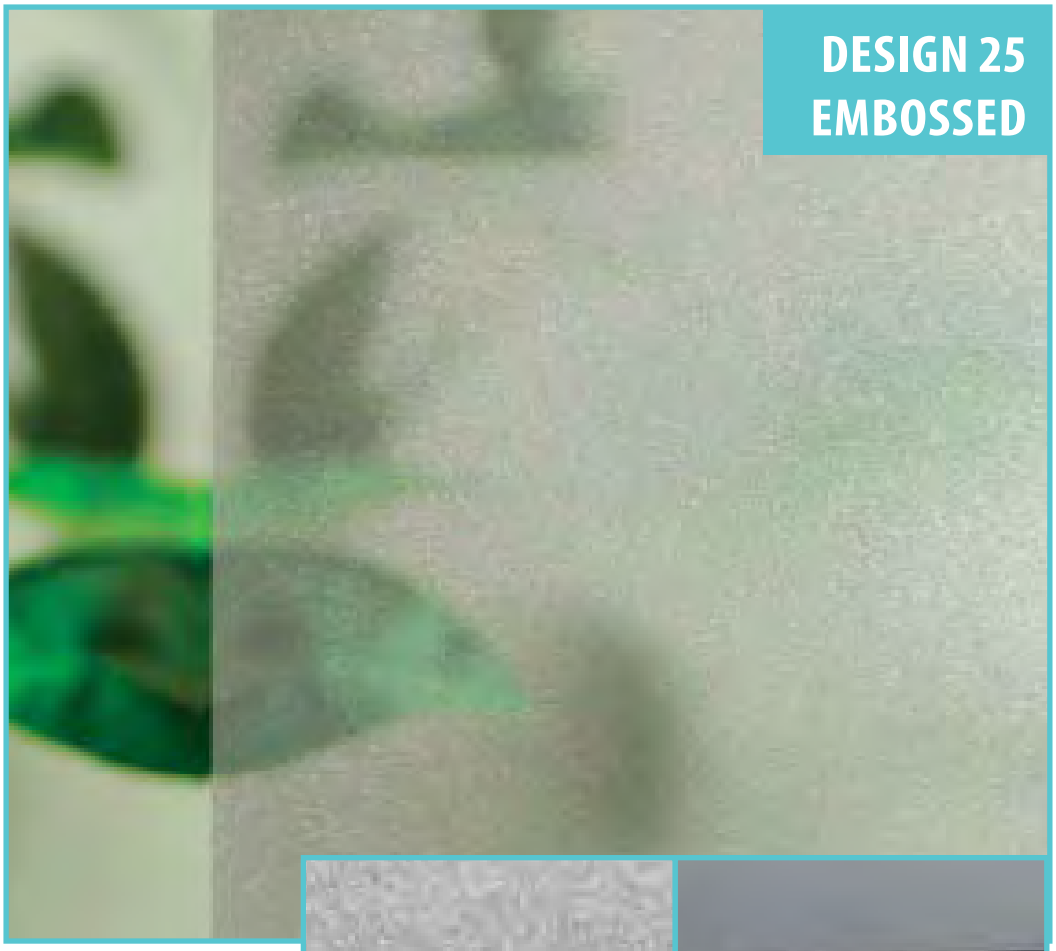
PACKING INFORMATION FOR DIFFUSER SHEETS

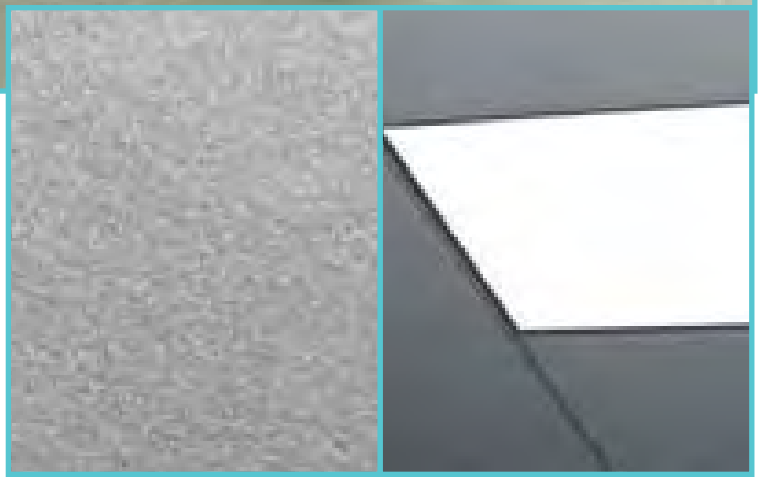
Model Name	Material	Thickness	Color	LT	Surface	Sheet size	Quantity sheets on pallet
P2541-D080	GPPS	1.50 mm	diffuser	80 %	matt/embossed	1830x1220 mm	200
P2541-D082	GPPS	1.50 mm	diffuser	82 %	matt/embossed	1830x1220 mm	200
P2541-D084	GPPS	1.50 mm	diffuser	84 %	matt/embossed	1830x1220 mm	200
A2541-D077	PMMA	1.70 mm	diffuser	77 %	matt/embossed	1830x1220 mm	150
A2541-D082	PMMA	1.70 mm	diffuser	82 %	matt/embossed	1830x1220 mm	150
A2541-D084	PMMA	1.70 mm	diffuser	84 %	matt/embossed	1830x1220 mm	150
AD080	PMMA	2.00 mm	diffuser	80 %	gloss/gloss	3050x2050 mm	60
AD083	PMMA	2.00 mm	diffuser	83 %	gloss/gloss	3050x2050 mm	60
AD087	PMMA	2.00 mm	diffuser	87 %	gloss/gloss	3050x2050 mm	60
PD050	GPPS	2.00 mm	White opal	50 %	gloss/gloss	1830x1220 mm	200
PD025	GPPS	2.00 mm	White opal	75 %	gloss/gloss	1830x1220 mm	200

Embossed sheets



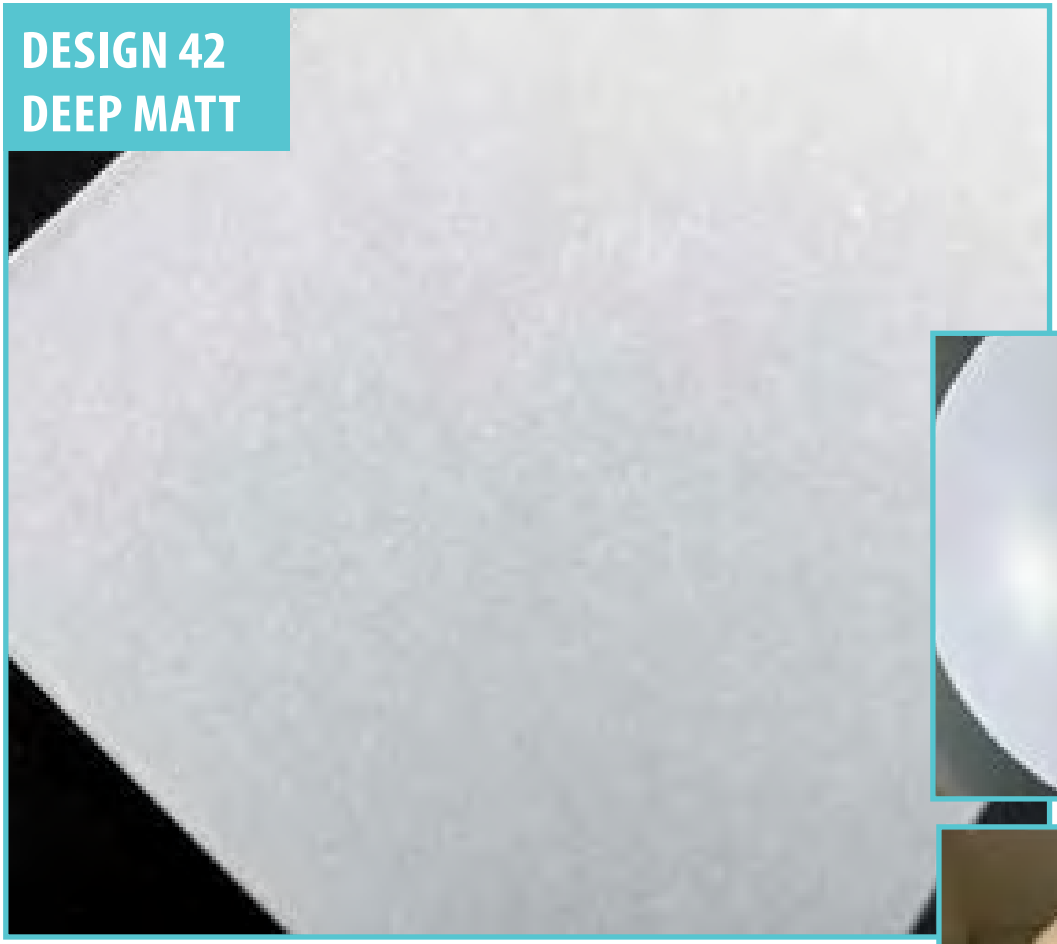
Diffuser sheets

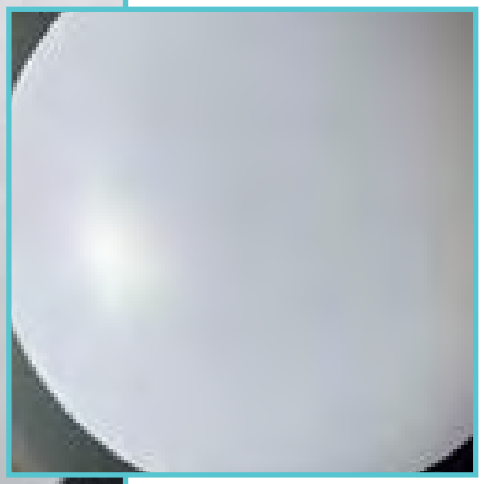




Delivery program for sheets with design 25:
GPPS sheet weight in thickness 1.5 mm – 1.55 kg/m²
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.5 - 5.0 mm
Polymers: GPPS, SMMA, PMMA
Colours: any transparent or translucent
RAL colours on request

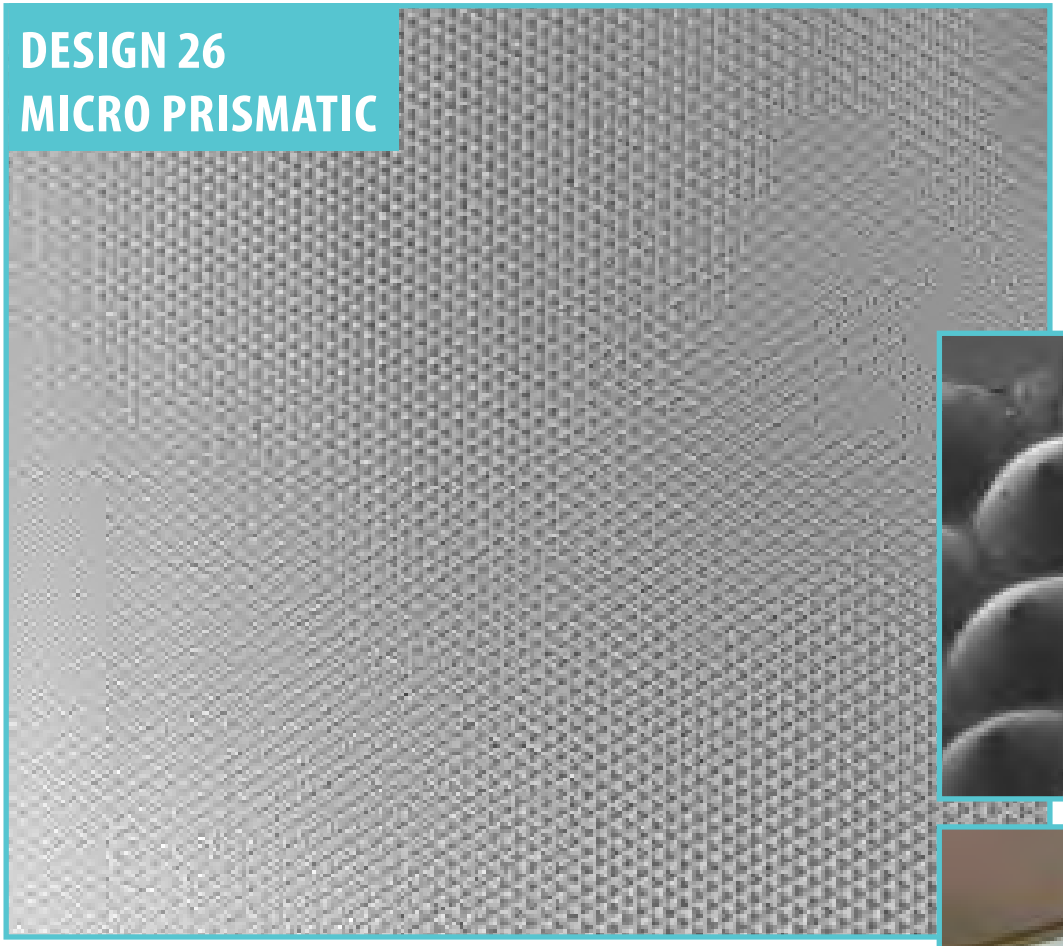
DESIGN 42
DEEP MATT

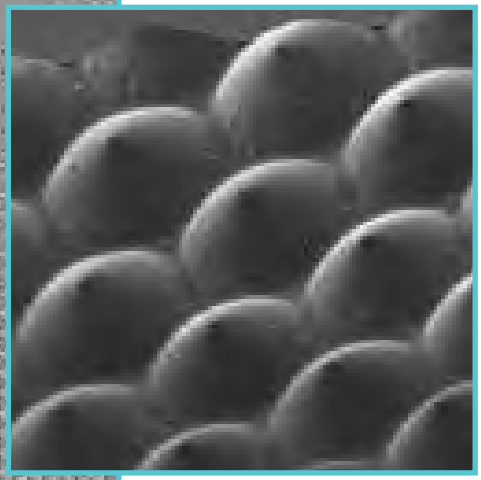




Delivery program for design 42:
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.0 - 5.0 mm
Polymers: GPPS, SMMA, PMMA
Colours: any transparent, translucent and opaque RAL colours in request
Minimum order for sheet size, colour or thickness: 300 kg
Production time: up to 2 weeks

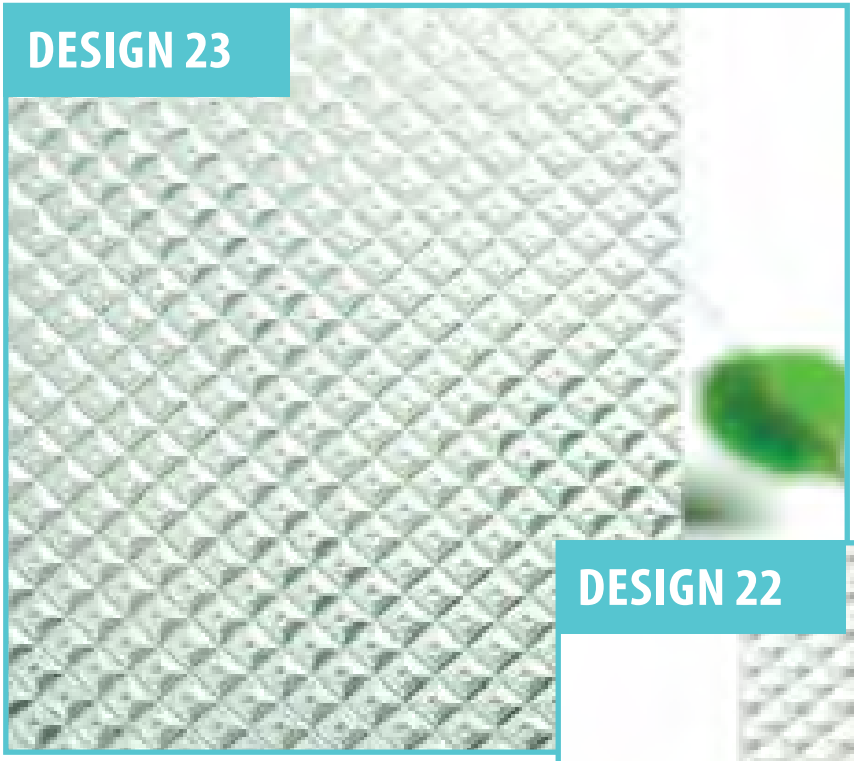
DESIGN 26
MICRO PRISMATIC





Delivery program for design 26:
GPPS sheet weight in thickness 2.0 mm – 1.95 kg/m²
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.8 - 5.0 mm
Polymers: GPPS, SMMA, SAN, PMMA
Colours: any transparent and translucent colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks

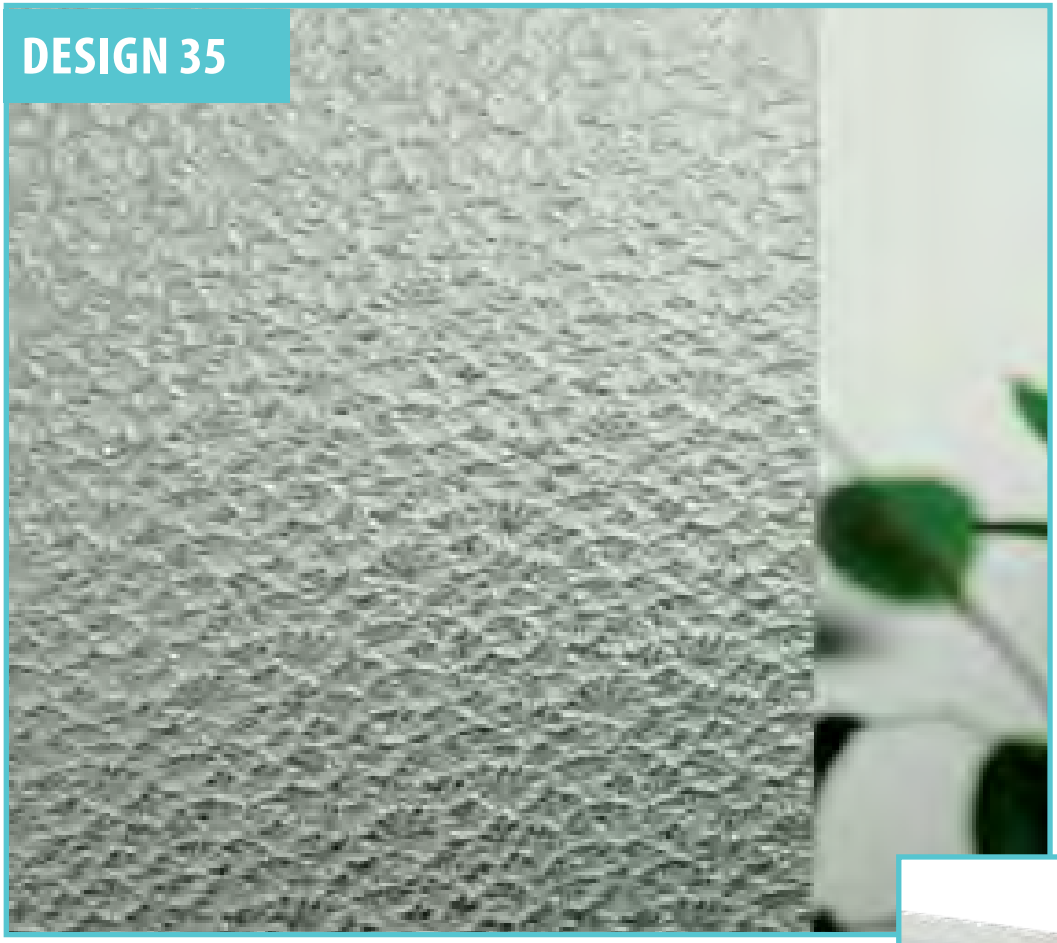
DESIGN 23

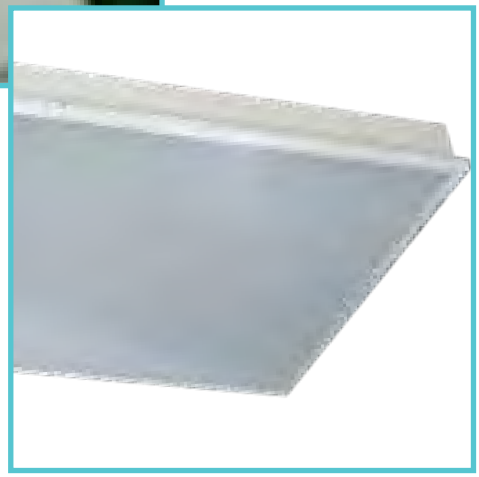


Delivery program for design 22 and 23:
GPPS sheet weight in thickness 2.4 mm – 1.55 kg/m^2
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 2.4 - 5.0 mm
Polymers: GPPS, SAN, PMMA
Colours: any transparent and translucent colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks

DESIGN 22

DESIGN 35





Delivery program for design 35:
GPPS sheet weight in thickness 2.5 mm – 2.14 kg/m²
Sheet width: ≤ 2050 mm
Sheet length: 700 mm - 4050 mm
Thickness: 2.5 - 6.0 mm
Polymers: GPPS, SAN, PMMA
Colours: any transparent and translucent colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks

DESIGN 34

Delivery program for design 34:
GPPS sheet weight in thickness 2.0 mm – 1.94 kg/m^2
Sheet width: ≤ 2000 mm
Sheet length: 700 mm - 6050 mm
Thickness: 1.2 - 10.0 mm
Polymers: GPPS, HIPS, ABS, PMMA
Colours: any transparent, translucent and opaque RAL colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks

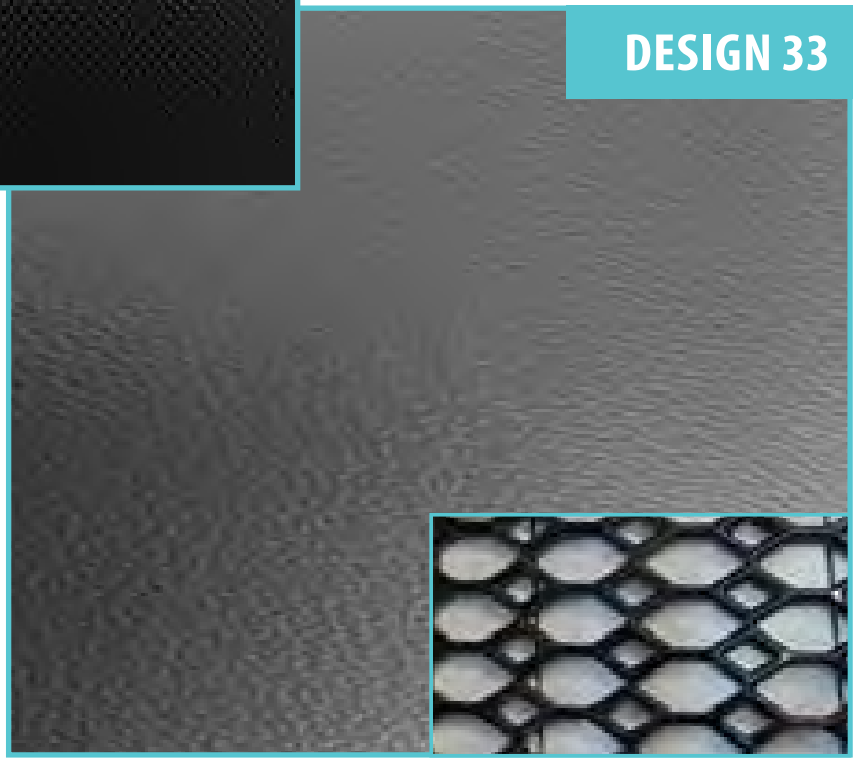
DESIGN 39

Delivery program for design 39:
HIPS sheet weight in thickness 2.0 mm – 2.08 kg/m^2
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.2 - 5.0 mm
Polymers: HIPS, ABS , GPPS, PMMA
Colours: any RAL colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks

DESIGN 44

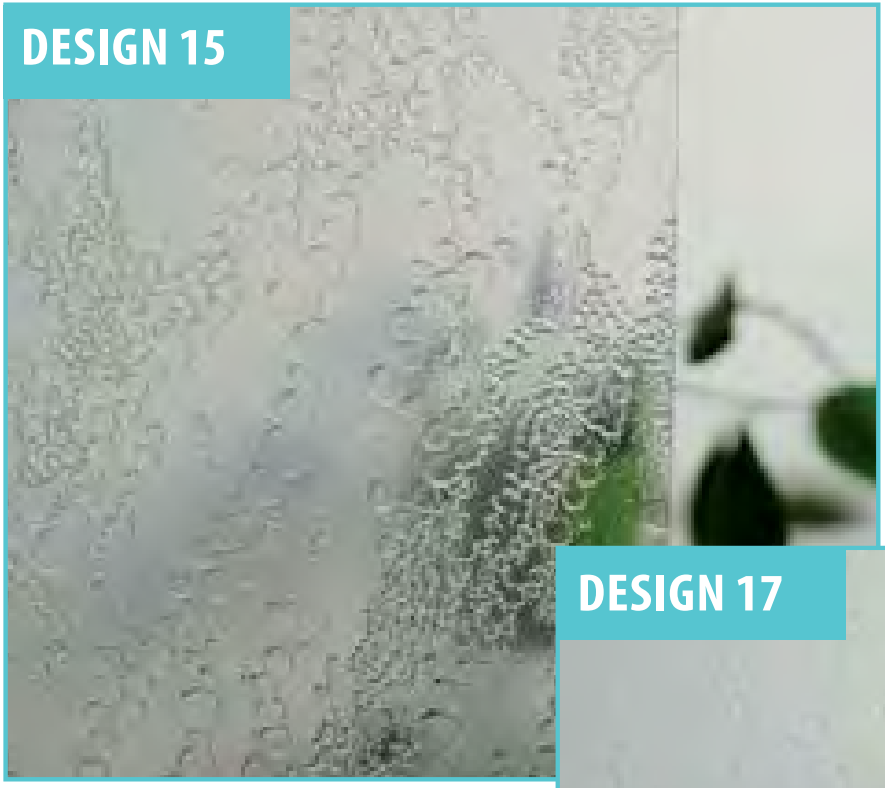
Delivery program for design 44:
ABS sheet weight in thickness 2.0 mm – 2.05 kg/m^2
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.2 - 5.0 mm
Polymers: GPPS, HIPS, ABS, PMMA
Colours: any transparent, translucent and opaque RAL colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks

DESIGN 33



Delivery program for design 33:
HIPS sheet weight in thickness 2.0 mm – 2.08 kg/m^2
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.2 - 5.0 mm
Polymers: HIPS, ABS , GPPS, PMMA
Colours: any RAL colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks

DESIGN 15



DESIGN 17

Delivery program for designs 13, 15 and 17:
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.8 - 5.0 mm
Polymers: GPPS, SAN, PMMA
Colours: any transparent and translucent colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks
GPPS sheet, design 13 weight in thickness 2.0 mm – 1.97 kg/m^2
GPPS sheet, design 15 weight in thickness 2.0 mm – 1.95 kg/m^2
GPPS sheet, design 17 weight in thickness 2.0 mm – 1.87 kg/m^2

DESIGN 13

DESIGN 41 MAT

Delivery program for design 41:
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.5 - 4.0 mm
Polymers: GPPS, HIPS, ABS
Colours: any transparent, translucent and opaque RAL colours in request
Minimum order for sheet size, colour or thickness: 300 kg
Production time: up to 2 weeks

Embossed sheets

STANDARD COLOURS

Delivery program for design 31:
HIPS sheet weight in thickness 2.0 mm – 1.92 kg/m²
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 1.2 - 5.0 mm
Polymers: HIPS, ABS, GPPS
Colours: any transparent, translucent and opaque
RAL colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks

Recycling and Environment

Nearly 30 years ago when we started our production, we saw the enormous impact of plastic waste on the environment.

That's why we try to give another life to all of our waste.

We have developed a program for recycling. We introduced co-extrusion production in our factory and have started taking back polystyrene and ABS waste from our customers to produce sheets using this technology.

The virgin material was co-extruded on top and bottom of the sheet with recycled material in the middle of the sheet. This gives our customers cost-effective sheets with high quality surface.

We have introduced a new recycling division for sorting, grinding, purification and granulation of industrial plastic waste. At the moment, we are recycling and granulating a wide range of plastics: polypropylene, polyethylene, polystyrene, ABS, and we even found a way to put PMMA waste back into use.

Recycling of plastic waste reduces costs for our customers and at the same time decreases the amount of disposed waste. Our ambition is to continue recycling materials as much as possible in order to minimize the environmental impact of the planet.