ELECTRICALLY CONDUCTIVE
HIPS PLASTIC FILMS
AND SHEETS

EXTRUDED SHEETS

DIFFUSERS

ELECTRICALLY CONDUCTIVE
TRANSPORT TRAYS

VACUUM FORMED PARTS
Mouse-PS Ltd. has built up a tremendous experience in production of plastic sheets. This has resulted in an extensive range of products for many different applications.

The Quality Management of our company is committed to the highest level of production quality. This product quality is ensured by operating in accordance with

- ISO 9001: 2015,
- ISO 14001: 2015,
- ISO 45001: 2018
- ISO 50001: 2018
- ISO 1090-1:2009+A1:2011 ZA.3.2 and ZA.3.4

All this standards are implemented in both our factories.

We are strongly committed to customer service and continually enhance our product range while offering specialized advice for the most diverse applications.

In this way, Mouse-PS can be a one-stop shop, where specified customer needs can be met.
About us

MOUSE-PS Ltd was founded in 1991. Since then the company has rapidly grown and developed and in 1996, it commenced operation on the foreign markets as well. MOUSE-PS Ltd offers a wide range of products and services for outdoor and indoor advertising, as well as visual communication, lightboards, sheet extrusion, desktop publishing, printed matter and tailor-made non-standard advertising 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 with thickness of 150-900 mc begins, as well as of co-extruded sheets with thickness up to 6 mm.

In 2015 the company bought specialized equipment for mixing and dosage, which lets us produce PMMA and PS sheets of high light transmission and high level of light diffusion, that is used for production of various kinds of lighting fixtures.

In 2019 we installed new co-extrusion line for Electrically conductive plastic film with thickness 0.2 - 2.0 mm and roll width up to 820 mm.

MOUSE-PS production and warehouse are located in a plant in Sofia with 15,000 m² covered area and a second one in Botevgrad with 10500 m² covered area. We have 1 sale office and small production facilities in Varna.

As a supplier, we have some undisputed advantages that win us the trust of our clients:

- 100 % own production
- Short production time;
- High quality products;
- A team of over 350 highly qualified specialists;
- Long established professional experience;
- Competitive prices.
We offer plastic solid and co-extruded sheets and films in the following materials:
- Polystyrene HIPS/GPPS
- ABS
- SAN
- PP - Polypropylene
- SMMA
- PMMA (Acrylic) sheets

Our products are known for high quality. We use high quality raw materials from leading global brands and producers. Our workers are well qualified and have many years of experience.

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

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

**OUR SHEET EXTRUSION LINES**

**CO-EXTRUSION SHEET LINE**
Model - BREYER 340-115-1
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 colours are available for minimum quantity 300 kg
We can produce one side sheets with relief

**MONO LAYER EXTRUSION SHEET LINE**
Model - REIFENHÄUSER E/H EH 1200-1-120-30 V
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 colours are available for minimum quantity of 300 kg
We can produce one side sheets with relief
Additional option: corona treatment

**OUR FILM EXTRUSION LINES**

**FILM CO-EXTRUSION LINE**
Model - SEIDE
Materials: PS, PP
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
Materials: PS
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 - 200 mm
Any colours are available for minimum quantity 300 kg
Mouse-PS Ltd produce clear and coloured polystyrene 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 also clear, opal white and one side embossed sheets.

Low water absorption 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 sheets
- 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 absorption
- Easy to recycle
- Low price

## GPPS sheets / Crystal sheets benefits:
- Good surface hardness and scratch resistance
- Excellent transparency
- Good thermal stability
- Low water absorption
- Possible food contact approval
- Easy to recycle
- Low price

## Available embossing designs:
- 13, 15, 17, 22, 23, 25, 31, 34, 35, 39, 41

## These colours are available for both extruded and co-extruded sheets:
- RAL 9001
- RAL 9003
- RAL 9010
- RAL 9016
- RAL 1018
- RAL 2004
- RAL 3003
- RAL 3020
- PANTONE 266

## Any colours are available at minimum quantity of 300 kg.

### RAL Colours:
- RAL 9001
- RAL 9003
- RAL 9010
- RAL 9016

### Pantone Colour:
- PANTONE 266
Co-extruded HIPS and GPPS Sheets

These sheets can be extruded in 2 layers (AB) or 3 layers (ABA). The co-extrusion of crystal polystyrene over HIPS core makes the colours to look brighter and nicer. The co-extrusion with virgin material on A layer and recycled material in the middle B layer of the sheet gives our customers sheets with low price, brilliant surface and good opacity.

Delivery program 2 or 3 layers co-extruded polystyrene 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 polystyrene 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

RAL colors:
- 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
**ABS Sheets**

Our series of ABS sheets has very high impact-strength and impressive thermal qualities. These sheets are easy to thermoform and fabricate.

**ALSO AVAILABLE IN:**
- ABS sheets has extra UV stabilizers added to improve weather resistance
- ABS sheets is a food compliant product version
- Dual colouring to optimize to your need
- Reduce flammibility - fire retardant
- Corona treatment

**Delivery program of ABS sheets:**
- Standard size: 2050 x 1250 mm
  - 3050 x 2050 mm
- Maximum length: 6050 mm
- Maximum width: 2050 mm
- Thickness range: 1.00 – 11.40 mm

Any colour or sheet size is available for minimum quantity 300 kg

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

**HIPS films**

We have 2 film extrusion lines - model SEIDE and model EKK 120-30 V

**Production capacity:** 600 kg/hour
**Film thickness:** 180 - 2000 microns
**Maximum film width:** up to 1200 mm
**Maximum roll diameter:** up to 1000 mm
**Core diameter:** 76 - 200 mm

**Special Features:**
- food contact version
- film with good cold-resistance
- film with good impact resistance
- UV protection - increase whederability
- any colour by RAL and Pantone
- good for vacuum forming
**Delivery program:**
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 6050 mm
Thickness: 1.5 - 4.0 mm
Polymers: GPPS, HIPS, ABS, SAN, PMMA
Colours: any transparent, translucent and opaque
VISIBLE colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks
Delivery program:
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
**Embossed sheets**

**Delivery program:**
- Sheet width: \( \leq 1200 \text{ mm} \)
- 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
Delivery program:
- Sheet width: ≤ 2000 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
Delivery program:
Sheet width: ≤ 2000 mm
Sheet length: 700 mm - 6050 mm
Thickness: 1.6 - 8.9 mm
Polymers: GPPS, HIPS, ABS, SAN, 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
COLOURS

Delivery program:
Sheet width: ≤ 1200 mm
Sheet length: 700 mm - 4050 mm
Thickness: 2.0 - 5.0 mm
Polymers: HIPS, ABS
Colours: any RAL colours in request
Minimum order for sheet size, colour and thickness: 300 kg
Production time: up to 2 weeks
Embosed sheets

**Delivery program:**
- Sheet width: \( \leq 1200 \text{ mm} \)
- Sheet length: 700 mm - 4050 mm
- Thickness: 2.0 - 5.0 mm
- Polymers: HIPS, ABS
- 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
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
Our acrylic sheets have good optical properties and surface. We produced clear and white opal sheets. PMMA sheets are used in advertising industry, for the lighting luminaries or other industrial parts.

**PMMA sheets have following benefits**
- Excellent transparency
- Very good weathering and ageing resistance
- Easy for 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.

**Delivery program of acrylic/PMMA sheets**
- Sheet size: 3050 x 2050 mm
- Thickness range: 2.00 – 5.00 mm
- Colors - clear, opal, white opaque

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Material</th>
<th>Thickness</th>
<th>Color</th>
<th>LT</th>
<th>Surface</th>
<th>Sheet size</th>
<th>Quantity sheets on pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC-0000</td>
<td>PMMA</td>
<td>2.00 mm</td>
<td>clear</td>
<td>92 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>60</td>
</tr>
<tr>
<td>AC-0000</td>
<td>PMMA</td>
<td>3.00 mm</td>
<td>clear</td>
<td>92 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>40</td>
</tr>
<tr>
<td>AC-0000</td>
<td>PMMA</td>
<td>4.00 mm</td>
<td>clear</td>
<td>92 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>30</td>
</tr>
<tr>
<td>AC-0000</td>
<td>PMMA</td>
<td>5.00 mm</td>
<td>clear</td>
<td>92 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>24</td>
</tr>
<tr>
<td>AC-0000-WH30</td>
<td>PMMA</td>
<td>2.00 mm</td>
<td>White opal</td>
<td>30 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>60</td>
</tr>
<tr>
<td>AC-0000-WH30</td>
<td>PMMA</td>
<td>3.00 mm</td>
<td>White opal</td>
<td>30 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>40</td>
</tr>
<tr>
<td>AC-0000-WH30</td>
<td>PMMA</td>
<td>4.00 mm</td>
<td>White opal</td>
<td>30 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>30</td>
</tr>
<tr>
<td>AC-0000-WH30</td>
<td>PMMA</td>
<td>5.00 mm</td>
<td>White opal</td>
<td>30 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>24</td>
</tr>
<tr>
<td>AC-0000-WH6</td>
<td>PMMA</td>
<td>3.00 mm</td>
<td>White opaque</td>
<td>6 %</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>40</td>
</tr>
</tbody>
</table>
Light Guide Plates (LGP)

We produce specialized laser engraved Light Guide Plate - LGP. Our know-how, specialized software and measurement systems guarantee equal light distribution.

Depending on the direction of light, the number of LEDs and their power we can change the number of engraved dots, their shape and depth, which guarantees equal light distribution and to avoid "moare" effect. The raster can be different in any parts of the plate.

Achieving equal light distribution is specific for each luminaire or advertisement, that’s why we produce LGP panels according to the specific needs and requirements of our clients. Not rectangular, round or oval shapes are also available.

In order to achieve the best performance of our LGP we can use cast, continuous cast, cast edgelite or extruded lenticular acrylic sheets.

We will produce the optimal LGP panels for you according to:

- Size and thickness of the lighting fixture
- Number of the LEDs /light sources/
- LED’s power
- Direction of the light - one, two or four sides

Our LGP panels are widely used in architecture, advertisement, interior design and lighting industry.
Our company has the technology and know-how to produce diffuser sheets specialized for the lighting industry. They 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 developed a specialized series of diffusers. These sheets 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.

Our technology enables us to control the LT and Haze ratio according to our clients’ needs for all thicknesses and sizes.

Special thicknesses, sheet sizes and Light transmission are possible.

On request one or both sides of sheet surfaces can be gloss, matt or embossed.

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

<table>
<thead>
<tr>
<th>Model Name</th>
<th>Material</th>
<th>Thickness</th>
<th>Color</th>
<th>LT</th>
<th>Surface</th>
<th>Sheet size</th>
<th>Quantity sheets on pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2541-D080</td>
<td>GPPS</td>
<td>1.50 mm</td>
<td>diffuser</td>
<td>80%</td>
<td>matt/embossed</td>
<td>2440x1220 mm</td>
<td>200</td>
</tr>
<tr>
<td>P2541-D082</td>
<td>GPPS</td>
<td>1.50 mm</td>
<td>diffuser</td>
<td>82%</td>
<td>matt/embossed</td>
<td>2440x1220 mm</td>
<td>200</td>
</tr>
<tr>
<td>P2541-D084</td>
<td>GPPS</td>
<td>1.50 mm</td>
<td>diffuser</td>
<td>84%</td>
<td>matt/embossed</td>
<td>2440x1220 mm</td>
<td>200</td>
</tr>
<tr>
<td>A2541-D077</td>
<td>PMMA</td>
<td>1.70 mm</td>
<td>diffuser</td>
<td>77%</td>
<td>matt/embossed</td>
<td>2440x1220 mm</td>
<td>170</td>
</tr>
<tr>
<td>A2541-D082</td>
<td>PMMA</td>
<td>1.70 mm</td>
<td>diffuser</td>
<td>82%</td>
<td>matt/embossed</td>
<td>2440x1220 mm</td>
<td>170</td>
</tr>
<tr>
<td>A2541-D084</td>
<td>PMMA</td>
<td>1.70 mm</td>
<td>diffuser</td>
<td>84%</td>
<td>matt/embossed</td>
<td>2440x1220 mm</td>
<td>170</td>
</tr>
<tr>
<td>AD080</td>
<td>PMMA</td>
<td>2.00 mm</td>
<td>diffuser</td>
<td>80%</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>60</td>
</tr>
<tr>
<td>AD083</td>
<td>PMMA</td>
<td>2.00 mm</td>
<td>diffuser</td>
<td>83%</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>60</td>
</tr>
<tr>
<td>AD087</td>
<td>PMMA</td>
<td>2.00 mm</td>
<td>diffuser</td>
<td>87%</td>
<td>gloss/gloss</td>
<td>3050x2050 mm</td>
<td>60</td>
</tr>
<tr>
<td>PD050</td>
<td>GPPS</td>
<td>2.00 mm</td>
<td>White opal</td>
<td>50%</td>
<td>gloss/gloss</td>
<td>2440x1220 mm</td>
<td>200</td>
</tr>
</tbody>
</table>
Delivery program for sheets with Design 25:
- Sheet width: ≤ 1200 mm
- Sheet length: 700 mm - 4050 mm
- Thickness: 1.2 - 4.0 mm
- Polymers: GPPS, SMMA, PMMA
- Colours: any transparent or translucent
  RAL colours on request
Conductive polystyrene offers reliability and value for applications that require dissipation of static charges and protection from electrostatic discharge (ESD).

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

Specialty compounds that we use in the production of sheets and films can be custom tailored to offer different surface or volume resistance in range from $10^1$ to $10^{12}$ $(\Omega \cdot \text{cm})$

**Types of Conductive Materials**

Conductive thermoplastic materials are divided into major classifications based on their electrical properties and decay rates for static charges.

- **Anti-Static materials** - volume resistance $10^3$ to $10^{12}$ $(\Omega \cdot \text{cm})$
- **Static Dissipative materials** - volume resistance $10^6$ to $10^{12}$ $(\Omega \cdot \text{cm})$
- **Conductive materials** - volume resistance $10^3$ to $10^6$ $(\Omega \cdot \text{cm})$
- **EMI/RFI Shielding materials** - volume resistance $10^1$ to $10^4$ $(\Omega \cdot \text{cm})$

### Technical parameters for our extruded HIPS ESD films

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extrusion technology</td>
<td>Mono-extrusion or Co-extrusion</td>
</tr>
<tr>
<td>Co-extrusion layers</td>
<td>A, AB, ABA</td>
</tr>
<tr>
<td>Surface resistance</td>
<td>$10^3$ – $10^{12} \Omega$</td>
</tr>
<tr>
<td>Volume resistance</td>
<td>$10^3$ – $10^{12} \Omega \cdot \text{cm}$</td>
</tr>
<tr>
<td>Thickness</td>
<td>200 - 2000 microns</td>
</tr>
<tr>
<td>Rolls width</td>
<td>on request up to 820 mm</td>
</tr>
<tr>
<td>Rolls diameter</td>
<td>up to 1200 mm</td>
</tr>
<tr>
<td>Rolls weight</td>
<td>up to 540 kg</td>
</tr>
</tbody>
</table>

### Technical parameters for our extruded HIPS ESD sheets

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
</tr>
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<tbody>
<tr>
<td>Extrusion technology</td>
<td>Mono-extrusion or Co-extrusion</td>
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<td>$10^3$ – $10^{12} \Omega$</td>
</tr>
<tr>
<td>Volume resistance</td>
<td>$10^3$ – $10^{12} \Omega \cdot \text{cm}$</td>
</tr>
<tr>
<td>Sheet thickness</td>
<td>1.0 - 6.0 mm</td>
</tr>
<tr>
<td>Sheet width</td>
<td>up to 1400 mm</td>
</tr>
<tr>
<td>Sheet length</td>
<td>up to 3000 mm or cut to size</td>
</tr>
</tbody>
</table>
Our extruded conductive polystyrene film is a brilliant solution for 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:** $10^3 – 10^9 \Omega$
- **Maximum volume resistance:** $10^3 – 10^{12} \Omega \cdot cm$
Vacuum formed parts from ABS

We can make product design, moulds engineering, production and also to manufacture ready vacuum formed parts from ABS sheets. This parts are used in different industries.

**Technical parameters for our vacuumforming machines**

**KIEFEL machine**
- Maximum forming size: 1000x660x150 mm
- Maximum sheet thickness: 4.0 mm

**HANWOOD machine**
- Maximum forming size: 3000x2000x600 mm
- Maximum sheet thickness: 10.0 mm
Vacuum formed parts from PMMA and HIPS

We can make design, moulds engineering and production of vacuum formed parts from PMMA or HIPS sheets. Screen or digital printing before forming is possible on inner or outer side.

This special parts are used in advertising industry as faces for light signs or displays.
Vacuum formed egg-packs

SIDE VIEW

FRONT VIEW

295 mm

LABELL

ABEL

70 mm
Product Code: PEL26PSO

UNITS: 2
EGGS/UNIT: 6
MATERIAL: polystyrene
PROCESSING: vacuum formed

CALIBER: 53g – 73g

LAYER STRUCTURE
3 Bags/Layer

TRUCK LOADING

<table>
<thead>
<tr>
<th>Pieces/Bag</th>
<th>330</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pieces/Pallet</td>
<td>7,920</td>
</tr>
<tr>
<td>Pallets/Truck</td>
<td>30</td>
</tr>
<tr>
<td>Pieces/Truck</td>
<td>237,600</td>
</tr>
</tbody>
</table>

PACK DIMENSIONS

790 x 440 x 295 mm (L x W x H)

<table>
<thead>
<tr>
<th>Net Weight (kg)</th>
<th>8,58</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bag Weight (kg)</td>
<td>0,11</td>
</tr>
<tr>
<td>Gross Weight (kg)</td>
<td>8,69</td>
</tr>
<tr>
<td>Volume Bag (m³)</td>
<td>0,103</td>
</tr>
</tbody>
</table>

DECORATION

Label
Direct Print

STORAGE

Palette Dimensions 1345 x 800 x 2490
max. 1 year

max. 1 pallet on top of the other
max. +40°C
min. +10°C
Do NOT expose to sunlight

LABEL

100 mm
60 mm
20 mm
102 mm
70 mm
295 mm
220 mm

Mouse-PS Ltd. produced egg-packs from polystyrene. We can offer you egg-packs with 2x6 and 1x10 eggs, in clear or milky white color.
Acrylic displays

With our high level technological equipment as lasers, routers, saw cutting machines, diamond polishing, heat bending, UV or solvent gluing or vacuum forming we can manufacture any kind of acrylic parts.

Digital, screen or pad printing is possible.

We can screen print parts with size up to 2740x1370 mm

On our modern UV digital printing machines we can print sheets with size 3050x2050 mm
As the biggest signs and displays manufacturer in Bulgaria we can offer design and manufacturing of different shape cubes and boxes.

We have good experience in manufacturing cubes for elections. Internal illuminated cubes, wrapped with vinyl is our speciality.
We can offer you engineering and production of different kind of illuminated and not illuminated displays.

To produce them we combine different technologies and materials - as steel, aluminum, acrylic, HIPS, PETG, textile, cardboard or paper and others.

Any kind of printing or wrap with vinyl is possible.

Mouse-PS Ltd is official partner of 3M for Bulgaria.
Engraved acrylic

With our SEI MERCURY laser with size 3050x2050 mm we can make cutting with perfect polished edge acrylic sheets with thickness up to 25 mm.

Engraving and edge lighting of acrylic sheets is our specialty.
We can offer also different colors and dynamic RGB illumination.
We can use backlit or edgelit lighting, using high quality LED components from Agilight-Tridonic, YAKI, Hitechled or other brands.
Illuminated letters
Starting from high level engineering in Solidworks, using all technologies as tubes and sheets laser cutting, router cutting, TIG, WIG or MIG-MAG welding, automatic letters bending and sheet folding, powder coating with Qualicoat and Qualisteelcoat certificates, assembling and installation we can offer you any size or shape light signs or illuminated letters with warranty of 5 years.
Recycling and Environment

Nearly 28 years ago when we started our production we saw the enormous impact of plastics waste on the environment. That’s why we try to give another life to all our waste.

We developed a program for recycling. We introduced co-extrusion production in our factory and 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 cheap sheets with brilliant surface.

We introduced a new recycling division for sorting, grinding, purification and granulating 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 to recycle material as much as possible in order to minimize the environmental impact of the planet.
We offer to our customers sorting, shredding, grinding and granulating of different plastics.
Support & Service

When choosing Mouse-PS Ltd. you can expect:

- **Products and personal service** of highest quality. Standard stock items are shipped the same or next coming day.
- **Flexibility.** We adapt our production to your needs in terms of format, masking, packaging, pallets or way of delivery. Our minimum order quantities can be between 300 and 500 kg depending of the chosen colour, size and thickness of the sheets,
- **Any colours** are available at minimum quantity of 300 kg.
- **Cut to size.** We provide you sheets or even products with necessary dimensions. We can quickly arrange saw, routing or laser cutting or diamont polishing of your sheets in order to make your operation easier.
- **Laser engraving.** By our specialized lasers we can cut with polished edges and to engrave acrylic sheets in order to achieve optimal lighting diffusion.
- **Vacuumforming**
- **Printing.** We can provide digital or screen printing directly on the sheets up to size 3050 x 2050 mm.
- **Support.** Our experienced technicians give technical support on how to use our products. If you want to make any changes to your order, our friendly sales team is keen to help you.
- **Additional services** - just ask us about your problem or needs and we shall help you to resolve it.
Cut to size

Diamond polishing

Router cutting
Other technologies in Mouse-PS Ltd. factories

- Laser cutting of sheets and profiles
- Sheet metalworking
- Powder coating
- Digital and Offset printing
Mouse-PS Ltd with his 2 own plants, big variety of high level equipments and professional staff have one of the most comprehensive production facilities in Europe.

UV gluing

Acrylic bending

Router cutting - 5ax

Screen printing