

**trotec**

Laser and  
Rotary  
Materials  
2021



/ SETTING NEW STANDARDS



## The ideal material for each application!

Trotec offers solutions for almost all requirements in the field of engraving, cutting and marking. High-quality, innovative laser system solutions as well as highest standard consumables form this outstanding portfolio. We aim to assist our customers improve profitability and productivity by supplying Trotec materials which offer superior results first time, offering additional services such as our in house ‚cut to size‘ service and providing a one stop shop solution, allowing our clients to purchase all their products via one call or email.

We are proud to be manufacturer of a full range of Trotec laminates that is completed by additional high-quality products of selected suppliers. We want to make you more profitable by benefitting from this advantages:

- Engrave efficiently with fewer passes
- Little residue exposed while engraving
- No sticky edges after laser cutting
- Minimal cleaning required
- Consistency in quality and colours
- Highly durable materials



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# How to Read this Catalog

## Sheet sizes & tolerances:

Sheet sizes are indicated in each product group description. Note: Minor dimension/color deviations can occur per batch (production-related).

**When ordering full sheets, please consider the following tolerances:**

**TroLase, TroLase Metallic, TroLase Metallic Plus, TroLase Reverse, TroLase ADA Signage, TroLase Thins, TroLase Textures, TroPly, TroPly Metallic Plus, TroPly Satins, TroPly Ultra, TroPly Ultra Reverse**

Tolerances: width  $\pm 1,5$  mm;  
length  $\pm 3$  mm

**LaserWood**

Tolerances: width and length:  $\pm 1$  mm  
Thickness: -0,3 mm; + 0,5 mm

**TroLase Lights**

Tolerances: width +3 mm; -0 mm;  
length +6 mm; -0 mm

**TroGlass Series**

Tolerances: width  $\pm 3$  mm;  
length  $\pm 3$  mm  
thickness (according to ISO 7823-1):  
gauge 3 mm:  $\pm 0,7$  mm  
gauge 4 mm:  $\pm 0,8$  mm  
gauge 5 mm:  $\pm 0,9$  mm  
gauge 6 mm:  $\pm 1$  mm  
gauge 8 mm:  $\pm 1,2$  mm  
gauge 10 mm:  $\pm 1,4$  mm  
gauge 15 mm:  $\pm 1,9$  mm  
gauge 20 mm:  $\pm 2,4$  mm

## Icon legend



### Laser material

Plastic sheets made of acrylic are perfectly used for laser processing (laser engraving and laser cutting).



### Rotary material

This material is suitable for processing with mechanical engraving devices.



### Reverse engraving

This material is engraved from the back using mirrored graphics. The engraved area can be infilled or backlit to enhance the contrast against the coloured background.



### Front engraving

This material is engraved from the front side.



### Exterior use

This material is UV-resistant and suitable for outdoor use. Of course, it can also be used for indoor applications.



### Indoor use

This material is suitable for interior applications.



### Adhesive possible

Adhesive backing can be applied on selected materials.



### UV-Print-Icon

This material is especially suitable for UV/ digital printing.



### Grey Icons

All symbols in grey mean that the respective application does not apply.

## Cut to size legend



### Cut to size

Articles of this product group can be ordered cut to your individual size.



### Round corners

Articles of this product group can be ordered with rounded corners. Choose a radius and if the curve should look inside or outside.



### Hole drilling

Articles of this product group can be drilled in various diameters.



### Bevelled edges

Articles of this product group can be ordered with bevelled edges.







# TroLase Serie

Trotec's laserable plastics are specifically designed for high-performance laser and rotary engraving. They have a micro surfaced coating on a high-quality extruded core, which allows for detailed engravings at a high production speed. Materials are combined with a low residue characteristic, which distinctly reduces your overall processing time and increases productivity. All products are carefully tested and optimised for your cost-saving, high-quality daily use. Our quality makes you more efficient and profitable. Within the Trotec laser and rotary materials portfolio, you will find a wide range of various colours, effects, gauges and wear and tear characteristics suitable for nearly any application.

Please note our stockkeeping tips on our website.







# TroLase



## Material Features

**Material:** modified acrylic, color coated, 2 ply / 3 ply

**Finish:** matte, gloss

**Engraving depth:** 0,08 mm

**Cutting method:** laser, saw, guillotine

**Sheet size:**

1/1	1245 x 616 mm
1/2	610 x 610 mm
1/4	610 x 305 mm

- UV-resistant, acrylic based material
- Detailed engraving at high production speed
- Superior composition minimizes residue and reduces need for cleaning
- Ideal for interior and exterior signs, badges, trophy plates, industrial signs

Cut to size service



**White/Red**  
**0,8** L206-203  
 86585  
**1,6** L206-206  
 71584  
**3,2** L206-209  
 86591



**White/Blue**  
**0,8** L205-203  
 134776  
**1,6** L205-206  
 71565



**White/Black**  
**0,8** L204-203  
 86561  
**1,6** L204-206  
 71546  
**3,2** L204-209  
 71549



**Red/White**  
**0,8** L602-203  
 86565  
**1,6** L602-206  
 71828  
**3,2** L602-209  
 71831



**Blue/White**  
**0,8** L512-203  
 86581  
**1,6** L512-206  
 71782  
**3,2** L512-209  
 86582



**Black/White**  
**0,8** L402-203  
 86563  
**1,6** L402-206  
 71747  
**3,2** L402-209  
 71750



**Burgundy/White**  
**1,6** L622-206  
 71852



**Sky Blue/Yellow**  
**1,6** L517-206  
 132759



**Smoke Grey/White**  
**0,8** L312-203  
 163177  
**1,6** L312-206  
 71614



**Orange/White**  
**0,8** L612-203  
 86564  
**1,6** L612-206  
 71841



**Sapphire/White**  
**0,8** L502-203  
 86594  
**1,6** L502-206  
 71772



**Dark Brown/White**  
**0,8** L842-203  
 163176  
**1,6** L842-206  
 71909





**Orange/Black**  
 0,8 L614-203  
 111627  
 1,6 L614-206  
 71846



**Navy Blue/White**  
 1,6 L552-206  
 71796



**Dark Walnut/White**  
 1,6 L002-206  
 71512



**Red/Black**  
 1,6 L604-206  
 71835



**Purple/White**  
 0,8 L582-203  
 111628  
 1,6 L582-206  
 71804



**English Walnut/White**  
 1,6 L192-206  
 71515



**Pink/Black**  
 1,6 L664-206  
 86593



**Green/White**  
 0,8 L932-203  
 86596  
 1,6 L932-206  
 71946  
 3,2 L932-209  
 91696



**Black/Red**  
 1,6 L406-206  
 71756



**Pink/White**  
 1,6 L662-206  
 86588



**Celadon Green/White**  
 1,6 L972-206  
 71955



**Black/Silver**  
 1,6 L413-206  
 86587



**Yellow/Red**  
 0,8 L706-203  
 111629  
 1,6 L706-206  
 86590



**Evergreen/White**  
 0,8 L912-203  
 86586  
 1,6 L912-206  
 71937  
 3,2 L912-209  
 86592



**Gloss Black/White**  
 1,6 L422-206  
 86580



**Yellow/Black**  
 0,8 L704-203  
 86562  
 1,6 L704-206  
 71864  
 3,2 L704-209  
 86566



**Almond/Black**  
 1,6 L854-206  
 71911



**Black/Gold**  
 1,6 L417-206  
 71759



**Light Blue/White**  
 0,8 L562-203  
 127938  
 1,6 L562-206  
 71800



**Gloss Black/Gold**  
 1,6 L427-206  
 86589

### 3 Ply



**White/Black/White**  
 1,6 L204-306  
 91640  
 3,2 L204-309  
 91644



**Black/White/Black**  
 3,2 L402-309  
 91645

# TroLase Metallic Plus



## Material Features

**Material:** modified acrylic, color coated, 2 ply

**Finish:** brushed metal

**Engraving depth:** 0,08 mm

**Cutting method:** laser, saw, guillotine







**Sheet size:**

1/1	1245 x 616 mm
1/2	610 x 610 mm
1/4	610 x 305 mm

- Acrylic based material with an authentic metallic finish
- Thin top layer enables detailed engraving at high production speed
- Cost-effective, time-saving alternative to metal engraving
- Suitable for outdoor use, signs, badges, trophy plates, safety signs, funeral plates

Cut to size service



	<p><b>Brushed Stainless Steel/Black</b></p> <p><b>0,8</b> <u>LMT+314-203</u> 87112</p> <p><b>1,6</b> <u>LMT+314-206</u> 71615</p> <p><b>3,2</b> <u>LMT+314-209</u> 87106</p>		<p><b>Brushed Bright Nickel/Black</b></p> <p><b>1,6</b> <u>LMT+364-206</u> 87116</p> <p><b>3,2</b> <u>LMT+364-209</u> 87135</p>		<p><b>Brushed Copper/Black</b></p> <p><b>0,8</b> <u>LMT+864-203</u> 87136</p> <p><b>1,6</b> <u>LMT+864-206</u> 87114</p> <p><b>3,2</b> <u>LMT+864-209</u> 87141</p>
	<p><b>Brushed Stainless Steel/Blue</b></p> <p><b>0,8</b> <u>LMT+315-203</u> 87137</p> <p><b>1,6</b> <u>LMT+315-206</u> 87117</p> <p><b>3,2</b> <u>LMT+315-209</u> 87139</p>		<p><b>Brushed Stainless Steel/Red</b></p> <p><b>0,8</b> <u>LMT+316-203</u> 87145</p> <p><b>1,6</b> <u>LMT+316-206</u> 87118</p> <p><b>3,2</b> <u>LMT+316-209</u> 87146</p>		<p><b>Brushed Gold/Black</b></p> <p><b>0,8</b> <u>LMT+764-203</u> 87115</p> <p><b>1,6</b> <u>LMT+764-206</u> 71893</p> <p><b>3,2</b> <u>LMT+764-209</u> 87108</p>

# TroLase Metallic



## Material Features

**Material:** modified acrylic, color coated, 2 ply

**Finish:** brushed metal, smooth

**Engraving depth:** 0,08 mm

**Cutting method:** laser, saw, guillotine

**Sheet size:**

1/1	1245 x 616 mm
1/2	610 x 610 mm
1/4	610 x 305 mm

- Acrylic based laminate
- Authentic metallic finish
- Enables detailed engraving
- For interior signs, badges, trophy plates, safety signs or funeral plates

Cut to size service



**Smooth Gold/Black**  
**0,8** LMT714-203  
 86661  
**1,6** LMT714-206  
 86599  
**3,2** LMT714-209  
 86662



**Brushed Aluminium/Black**  
**0,8** LMT354-203  
 86632  
**1,6** LMT354-206  
 71700  
**3,2** LMT354-209  
 86634



**Brushed Copper/Black**  
**0,8** LMT894-203  
 86660  
**1,6** LMT894-206  
 71931



**Brushed Gold/Black**  
**0,8** LMT734-203  
 86602  
**1,6** LMT734-206  
 71881  
**3,2** LMT734-209  
 92076



**Brushed Silver/Black**  
**0,8** LMT334-203  
 86619  
**1,6** LMT334-206  
 71625  
**3,2** LMT334-209  
 86658



**Brushed Deep Bronze/Black**  
**1,6** LMT884-206  
 86648



**European Gold/Black**  
**0,8** LMT754-203  
 86600  
**1,6** LMT754-206  
 71889  
**3,2** LMT754-209  
 86649



**Smooth Silver/Black**  
**0,8** LMT344-203  
 86598  
**1,6** LMT344-206  
 86597  
**3,2** LMT344-209  
 86656

# TroLase Reverse



## Material Features

**Material:** modified acrylic, reverse color coated, 2 ply

**Finish:** matte, gloss (gold and silver), brushed

**Engraving depth:** 0,08 mm

**Cutting method:** laser, saw

**Sheet size:**

$\frac{1}{1}$	1245 x 616 mm
$\frac{1}{2}$	610 x 610 mm
$\frac{1}{4}$	610 x 305 mm

- Transparent acrylic fascia with a colored coating on the reverse side
- Mirror-inverted engraving on the reverse side
- Fill engraved area with your choice of acrylic paint
- Perfect for multi-colored interior and exterior signs, safety signs, promotional and display signage

Cut to size service



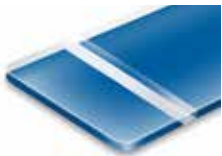
**Matte/Red**  
1,6 LR601-206  
71810



**Matte/Ivory**  
1,6 LR221-206  
86557



**Gloss/Silver**  
1,6 LR340-206  
71630



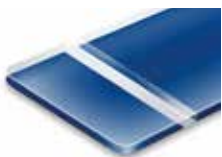
**Matte/Blue**  
1,6 LR511-206  
71773



**Matte/Black**  
0,5 LR401-202  
129011  
1,6 LR401-206  
71732



**Matte/Silver**  
1,6 LR341-206  
71632



**Matte/Navy Blue**  
1,6 LR551-206  
71793



**Matte/Dark Brown**  
1,6 LR841-206  
71905



**Matte/Gold**  
1,6 LR711-206  
71873



**Matte/Green**  
1,6 LR931-206  
86556



**Matte/Yellow**  
1,6 LR701-206  
71853



**Gloss/Gold**  
1,6 LR710-206  
71872



**Matte/White**  
0,5 LR201-202  
129010  
1,6 LR201-206  
71521



**Brushed/Silver**  
1,6 LR351-206  
71684



# TroLase ADA Signage



## Material Features

**Material:** modified acrylic, 1 ply

**Finish:** matte

**Cutting method:** laser, saw, guillotine

**Sheet size:**

1/1	1245 x 616 mm
1/1*	1220 x 610 mm
1/2	610 x 610 mm
1/4	610 x 305 mm

- Solid, dyed, acrylic based material for indoor and outdoor use
- Popular material for the production of braille and tactile signage
- Ideal for cutting out letters and for creating 3-dimensional signs
- Thinner options are a popular medium for architectural model making

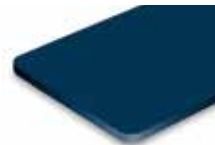
Cut to size service



**Red**  
0,8 LS601-103  
71806  
1,6 LS601-106  
71807  
3,2 LS601-109  
86532



**Blue**  
0,8 LS501-103  
71767  
1,6 LS501-106  
71768  
3,2 LS501-109  
86534



**Marine Blue\***  
1,6 LS502-106  
86514



**Black**  
0,8 LS401-103  
71727  
1,0 LS401-104  
86504  
1,6 LS401-106  
71729  
3,2 LS401-109  
71730



**Bright White**  
0,8 LS204-103  
71526  
1,0 LS204-104  
86412  
1,6 LS204-106  
71527  
3,2 LS204-109  
71528



**White\***  
0,8 LS201-103  
71519  
1,0 LS201-104  
86411  
1,6 LS201-106  
86506



**Light Grey**  
0,8 LS305-103  
86522  
1,6 LS305-106  
86513



**Silver\***  
0,8 LS304-103  
86517



**Yellow**  
1,6 LS701-106  
86526



**Charcoal Grey**  
0,8 LS307-103  
71600



**Clear**  
0,8 LS101-103  
71505  
1,6 LS101-106  
71507



**Green**  
1,6 LS901-106  
86523  
3,2 LS901-109  
126542

# TroLase Thins



## Material Features

**Material:** modified acrylic, color coated, 1 ply / 2 ply

**Finish:** matte, gloss, brushed metal

**Engraving depth:** 0,08 mm

**Cutting method:** laser, saw, guillotine

**Sheet size:**

1/1	1245 x 614 mm
1/2	610 x 610 mm
1/4	610 x 305 mm

- Extremely flexible and ideally suited for curved surfaces
- Acrylic base and thin foiled surface enable detailed engravings
- Elegant engravings for interior signs, badges, trophy and award plates as well as industrial signage
- Solid single ply white and black options are a proven medium for 3D model makers

Cut to size service



**Brushed Gold/Black**  
0,5 LT734-202  
86537



**Brushed Copper/Black**  
0,5 LT894-202  
71927



**Yellow/Black**  
0,5 LT744-202  
71854



**European Gold/Black**  
0,5 LT754-202  
71885



**Brushed Silver/Black**  
0,5 LT334-202  
86544



**Red/White**  
0,5 LT602-202  
71814



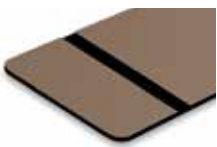
**Trophy Gold/Black**  
0,5 LT794-202  
86539



**Trophy Silver/Black**  
0,5 LT394-202  
86541



**Blue/White**  
0,5 LT512-202  
71774



**Deep Bronze/Black**  
0,5 LT884-202  
71917



**Smooth Silver/Black**  
0,5 LT344-202  
86543



**Black/White**  
0,5 LT402-202  
71735



**Brushed Aluminum/Black**  
0,5 LT354-202  
71688



**White/Black**  
0,5 LT204-202  
71529



**Gloss Black/  
Gold**  
0,5 LT427-202  
71763



**Gloss Black/  
Silver**  
0,5 LT423-202  
71760



**Black/Gold**  
0,5 LT417-202  
71757



**Black/Silver**  
0,5 LT413-202  
91642



**Celestial Blue/Gold**  
0,5 LT577-202  
86540



**Port Wine/Gold**  
0,5 LT677-202  
86552

1 ply



**White single ply**  
0,5 LT202-102  
86542



**Black single ply**  
0,5 LT404-102  
86545

# TroLase Textures



## Material Features

**Material:** modified acrylic (core and cap), 1 ply / 2 ply

**Finish:** textured matte

**Engraving depth:** 0,18 mm

**Cutting method:** laser, saw, guillotine

**Sheet size:**

1/1	1220 x 610 mm
1/2	610 x 610 mm
1/4	610 x 305 mm

- Extra durability and scratch resistance due to textured acrylic cap
- Textured, matt surface is non-reflective and easy to clean
- UV- and weather-resistant material for demanding environments
- Ideal for industrial applications, signs in harsh environments, safety signs, control panels

Cut to size service



**Red/White**  
1,6 LTX642-206  
87322  
3,2 LTX642-209  
87355



**Royal Blue/White**  
1,6 LTX592-206  
87323  
3,2 LTX592-209  
87340



**Black/White**  
1,6 LTX422-206  
87326  
3,2 LTX422-209  
87346



**White/Red**  
1,6 LTX246-206  
87339



**White/Blue**  
1,6 LTX205-206  
87347



**White/Black**  
1,6 LTX244-206  
87316  
3,2 LTX244-209  
87344



**Yellow/Black**  
1,6 LTX774-206  
87330



**Sapphire/White**  
1,6 LTX503-206  
87331



**Ash Grey/Black**  
1,6 LTX374-206  
87341



**Green/White**  
1,6 LTX962-206  
87338  
3,2 LTX962-209  
123648



**Transparent**  
1,6 LTX101-106  
111626



# TroLase Lights



## Material Features

**Material:** PET-foil, 2 ply  
**Finish:** gloss, brushed metal  
**Engraving depth:** 0,04 mm  
**Cutting method:** laser, guillotine  
**Sheet size:** 600 x 305 mm

- Highly flexible and robust film with an adhesive coating on the reverse
- Adheres perfectly to various materials such as metals, plastic, rubber, and wood
- Popular material in industry and commerce
- Perfect for labels, stickers, badges as well as for trophy plates

Cut to size service



**Smooth Gold/Black**  
**0,1** LL74-201  
71875



**Brushed Silver/Black**  
**0,1** LL63-201  
71621



**White/Black**  
**0,1** LL62-201  
71531



**Brushed Brass/Black**  
**0,1** LL64-201  
71891



**Smooth Silver/Black**  
**0,1** LL73-201  
71641



**Yellow/Black**  
**0,1** LL68-201  
86554



**Brushed Bronze/Black**  
**0,1** LL69-201  
71919



**Black/Silver**  
**0,1** LL75-201  
71762



**Black/White**  
**0,1** LL61-201  
71738



**Black/Gold**  
**0,1** LL65-201  
71765

# TroLase Foil



## Material Features

**Material:** modified acrylic foil, 2 ply  
**Finish:** matte, gloss, metallic  
**Engraving depth:** 0,04 mm  
**Cutting method:** laser, guillotine  
**Sheet size:** 610 x 305 mm

- Thin, two-layer, flexible engraving material featuring a micro surfaced coating on an acrylic core
- It comes with an adhesive backing and is UV stable
- Allows for special editing options, such as kiss-cutting, to simplify the work process
- Ideal for trophy and industrial labeling, functional signage and custom stickers

Cut to size service



**White/Black**  
0,2 139687



**Green/White**  
0,2 139691



**Gold brushed/Black**  
0,2 139695



**Red/White**  
0,2 139688



**Yellow/Black**  
0,2 139692



**Copper brushed/Black**  
0,2 139696



**Blue/White**  
0,2 139689



**Stainless steel brushed/Black**  
0,2 139693



**Black matte/White**  
0,2 139685



**Light blue/White**  
0,2 139690



**Nickel brushed/Black**  
0,2 139694



**Black glossy/White**  
0,2 139686

# LaserFlex



## Material Features

**Material:** polyurethan foil on transfer film

**Finish:** matte

**Engraving depth:** 0,04 mm

**Cutting method:** laser, guillotine

**Sheet size:** 420 x 297 mm (A3)

- Suited for customising textiles
- Finest details with intricate motifs can be achieved
- To be applied to textiles using a transfer press
- Ideal for T-shirts, fabric bags, cotton, polyester, blended fabrics
- Less suitable for nylon and coated textiles

Cut to size service



**White**  
0,1 LF200  
65905



**Yellow**  
0,1 LF710  
65941



**Orange**  
0,1 LF612  
65944



**Red**  
0,1 LF600  
65942



**Blue**  
0,1 LF500  
65943



**Marine Blue**  
0,1 LF551  
65939



**Green**  
0,1 LF931  
65940



**Black**  
0,1 LF400  
65938



LaserFlex has been specially designed to not only be cut but also to be weeded by laser. This means that it is no longer necessary to mechanically remove excess material between graphics and letters or along edges.

### Recommended transfer conditions:

- Temperature: 165 °C
- Duration: 17 seconds

LaserFlex film can be washed at up to 60 °C. Any residues can be removed by washing.

# TroPly Series

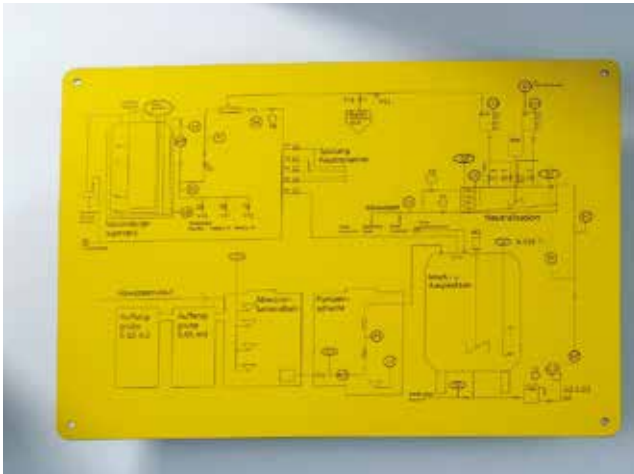
Our rotary engraving materials features a range of products for multiple applications. Product properties range from thin surfaces for intricate detail engraving up to strong, robust surfaces used in more demanding environments. Some of Trotec's TroPly materials also have a reflection-free surface, which allows for clear and easy-to-read designs to be created from even the smallest engraved images.







# TroPly



## Material Features

**Material:** ABS, 2 ply / 3 ply

**Finish:** matte

**Engraving depth:** 0,08 mm

**Cutting method:** saw

**Sheet size:**

1/1	1245 x 616 mm
1/2	610 x 610 mm
1/4	610 x 305 mm

- Features a thin surface coating
- The reflection-free surface allows clear and easy-to-read designs
- An ideal choice for an array of interior applications, particularly when a high degree of detail is required
- Perfect for information and safety signs, trophy plates as well as for badges

Cut to size service



**Yellow/Black**  
0,8 P744-203  
86676  
1,6 P744-206  
71883



**White/Black**  
0,8 P204-203  
86664  
1,6 P204-206  
71534



**Red/White**  
1,6 P602-206  
71818



**Blue/White**  
1,6 P512-206  
71777



**Navy blue/White**  
1,6 P552-206  
71795



**Light Blue/White**  
1,6 P562-206  
71799



**Green/White**  
1,6 P932-206  
71940



**Black/Bright White**  
1,6 P412-206  
86819



**Black/White**  
0,8 P402-203  
86665  
1,6 P402-206  
71742

3 ply



**White/Black/White**  
3,2 P204-309  
71554

# TroPly Metallic Plus



## Material Features

**Material:** ABS, 2 ply  
**Finish:** brushed and smooth metal  
**Engraving depth:** 0,08 mm  
**Cutting method:** saw, guillotine  
**Sheet size:**  $\frac{1}{1}$  1245 x 616 mm  
 $\frac{1}{2}$  610 x 610 mm  
 $\frac{1}{4}$  610 x 305 mm

- Metallic effect laminate with a scratch resistant top coating
- Features a special protective layer
- Particularly resistant to scratches and wear
- Suitable for trophy and funeral plates, information and interior signs

Cut to size service



**Brushed Gold/Black**  
**0,8** PMT+734-203  
159966  
**1,6** PMT+734-206  
71880



**Brushed Silver/Black**  
**1,6** PMT+334-206  
71624



**Smooth Silver/Black**  
**0,8** PMT+344-203  
159964  
**1,6** PMT+344-206  
71644



**Brushed European Gold/Black**  
**1,6** PMT+754-206  
71888



**Brushed Aluminium/Black**  
**0,8** PMT+354-203  
159965  
**1,6** PMT+354-206  
71699

# TroPly Ultra



## Material Features

**Material:** multi surface impact acrylic, 2 ply / 3 ply

**Finish:** matte, gloss

**Engraving depth:** 0,30 mm

**Cutting method:** saw

**Sheet size:**

$\frac{1}{1}$	1220 x 610 mm
$\frac{1}{2}$	610 x 610 mm
$\frac{1}{4}$	610 x 305 mm

- Acrylic laminate for internal and external applications
- Ideal solution for harsh environment with a thicker cap
- This thicker cap offers resistance to abrasion
- Perfect for external professional signage, plant labels and safety signs

Cut to size service



## matte



**White/Red**  
1,6 PU206-206  
91723  
3,2 PU206-209  
91736



**Blue/White**  
1,6 PU512-206  
91725  
3,2 PU512-209  
91734



**White/Black**  
1,6 PU204-206  
91715  
3,2 PU204-209  
91730



**Red/White**  
1,6 PU602-206  
91716  
3,2 PU602-209  
91733



**Sapphire/White**  
1,6 PU562-206  
91721



**Black/White**  
1,6 PU402-206  
91718  
3,2 PU402-209  
91731



**Ruby/White**  
3,2 PU632-209  
91735



**Yellow/Black**  
1,6 PU704-206  
91726  
3,2 PU704-209  
91738



**Vintage Gold/Black**  
1,6 PU774-206  
91720



**Bright Green/White**  
1,6 PU932-206  
91724



**Safety Yellow/Black**  
1,6 PU794-206  
91719



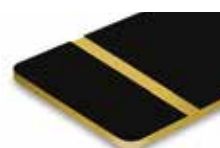
**Vintage Silver/Black**  
1,6 PU384-206  
91717  
3,2 PU384-209  
91737



**Hunter Green/White**  
1,6 PU992-206  
91728



**White/Blue**  
1,6 PU205-206  
91727



**Black/Gold**  
1,6 PU417-206  
91729



**Polar White/Black**  
1,6 PU234-206  
104841



gloss



**Red/White**  
**1,6** PH602-206  
 91793  
**3,2** PH602-209  
 91813



**White/Black**  
**1,6** PH204-206  
 91790  
**3,2** PH204-209  
 91811



**Vintage-Silver/Black**  
**1,6** PH384-206  
 91794  
**3,2** PH384-209  
 91812



**Black/White**  
**1,6** PH402-206  
 91791  
**3,2** PH402-209  
 91816



**Safety Yellow/Black**  
**1,6** PH794-206  
 91795  
**3,2** PH794-209  
 91823



**Vintage-Gold/Black**  
**1,6** PH774-206  
 91792  
**3,2** PH774-209  
 91815



**White/Red**  
**1,6** PH206-206  
 91799  
**3,2** PH206-209  
 91819



**Blue/White**  
**1,6** PH512-206  
 91797  
**3,2** PH512-209  
 91822



**Black/Gold**  
**1,6** PH417-206  
 91805



**Green/White**  
**1,6** PH932-206  
 91803  
**3,2** PH932-209  
 91824



**Sapphire/White**  
**1,6** PH562-206  
 91796



**Polar White/Black**  
**1,6** PH234-206  
 104864



**Pine Green/White**  
**1,6** PH962-206  
 91800



**White/Blue**  
**1,6** PH205-206  
 91798



**Yellow/Black**  
**1,6** PH704-206  
 91806  
**3,2** PH704-209  
 91817

1 ply (one side matte and one side gloss)



**Clear single ply**  
**0,8** PUR101-103  
 91697  
**1,0** PUR101-104  
 91698  
**1,6** PUR101-106  
 91699  
**3,2** PUR101-109  
 91712

3 ply (one side matte and one side gloss)



**Red/White/Red**  
**1,6** PH602-306  
 91808



**White/Black/White**  
**1,6** PH204-306  
 91804  
**3,2** PH204-309  
 91820



**Black/White/Black**  
**3,2** PH402-309  
 91818

# TroPly Ultra Reverse



## Material Features

**Material:** Laminated impact acrylic, 1 ply / 2 ply

**Finish:** matte, gloss

**Engraving depth:** 0,30 mm

**Cutting method:** saw

**Sheet size:**

$\frac{1}{1}$	1220 x 610 mm
$\frac{1}{2}$	610 x 610 mm
$\frac{1}{4}$	610 x 305 mm

- Transparent acrylic glass with a coating on the back
- A transparent image is created by engraving the colored back, which can then be filled with different colors
- UV stable and weather-proof material
- Suitable for indoor and outdoor use

Cut to size service



matte



**Clear/White**  
**1,6** PUR201-206  
 91700  
**3,2** PUR201-209  
 91713



**Clear/Sapphire**  
**1,6** PUR561-206  
 91702



**Clear/Black**  
**1,6** PUR401-206  
 91701  
**3,2** PUR401-209  
 91711



**Clear/Vintage Silver**  
**1,6** PUR371-206  
 91703

gloss



**Clear/White**  
1,6 PHR200-206  
91771  
3,2 PHR200-209  
91777



**Clear/Yellow**  
3,2 PHR700-209  
91787



**Clear/Green**  
1,6 PHR900-206  
91775  
3,2 PHR900-209  
91784



**Clear/Silver**  
1,6 PHR370-206  
103602  
3,2 PHR370-209  
91779



**Clear/Sapphire**  
3,2 PHR560-209  
91783



**Clear/Teal Green**  
3,2 PHR910-209  
91786



**Clear/Ivory**  
3,2 PHR230-209  
91782



**Clear/Red**  
1,6 PHR600-206  
91772  
3,2 PHR600-209  
91780



**Clear/Burgundy**  
3,2 PHR630-209  
91785



**Clear/Black**  
1,6 PHR400-206  
91773  
3,2 PHR400-209  
91778

# TroPly Satins



## Material Features

**Material:** Acrylic cap / ABS core, 2 ply

**Finish:** gloss-brushed

**Engraving depth:** 0,30 mm

**Cutting method:** saw, guillotine

**Sheet size:**

1/1	1220 x 616 mm
1/2	610 x 610 mm
1/4	610 x 305 mm

- Interior laminate available in an extensive colour range
- Supplied as standard with a brushed finish
- The solid cap offers a highly durable and scratch resistant surface
- Ideally suited to internal signage, nameplates, key tags and personal identification

Cut to size service



**Red/White**  
1,6 PS602-206  
91745



**Polar White/Black**  
1,6 PS234-206  
91742



**Blue/White**  
1,6 PS512-206  
91746



**Yellow/Black**  
1,6 PS704-206  
91743



**White/Black**  
1,6 PS204-206  
91744



**Black/White**  
1,6 PS402-206  
91747



**Orange/White**  
1,6 PS612-206  
91757



**Green/White**  
1,6 PS932-206  
91755

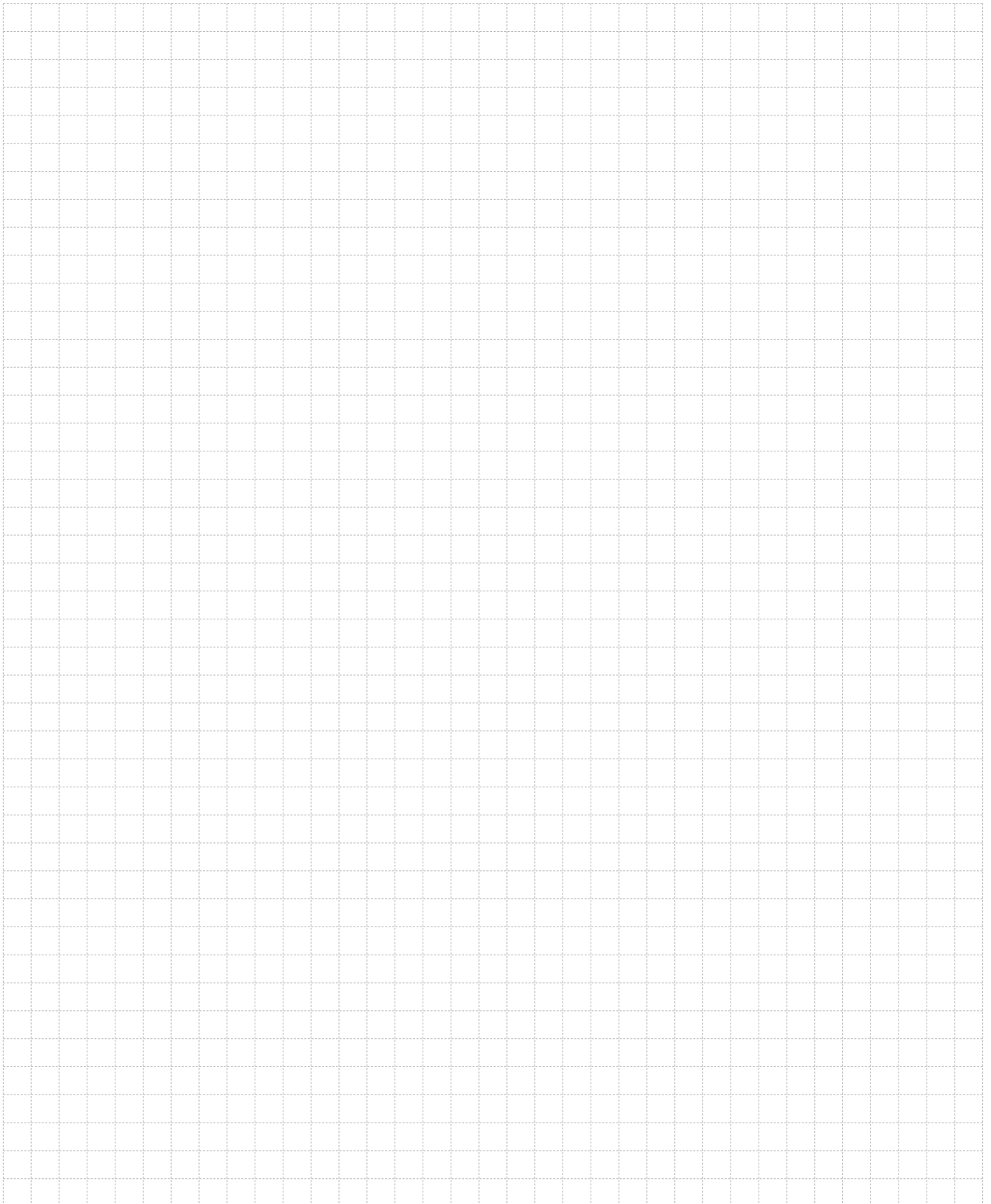


# Notes

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# TroGlass Series

Our TroGlass acrylic series is available in an extensive assortment of colours, in variations of transparent, fluorescent, translucent and non-transparent, as well as different surface structures. The transparent, fluorescent and translucent colours offer constant light transmission superior to similar glass colours. The wide range of colours and different surface characteristics make Trotec's acrylic glass the number 1 choice for outstanding and eye-catching applications. Please consider: thickness tolerances according to the table on page 2.





/ SETTING NEW STANDARDS

# TroGlass Color Gloss



## Material Features

**Material:** cast acrylic

**Finish:** gloss

**Translucency:** transparent, fluorescent, translucent, non-transparent

**Cutting method:** laser, saw

**Sheet size:**  $\frac{1}{4}$  1216 x 606 mm (metallic: 1224 x 610 mm)  
 $\frac{1}{2}$  606 x 606 mm (metallic: 610 x 610 mm)  
 $\frac{3}{4}$  606 x 301 mm (metallic: 610 x 303 mm)

- Constant light transmission superior to similar glass colours
- Glossy finish on both material sides
- High impact resistance
- Shop fitting, interior design or illumination and lighting are typical applications

Cut to size service



transparent



**Glass Look**  
3,0 117143



**Red**  
3,0 117131



**Ice Blue**  
3,0 117132



**Yellow**  
3,0 117129



**Green**  
3,0 117139



**Blue**  
3,0 117133



**Orange**  
3,0 117130



**Dark Green**  
3,0 117140



- Perfect light transmission with up to 92 % in clear version - better than that of glass
- Impact resistance 8 to 10 times higher than glass
- Elegant polished finish when laser cut

- High resistance to external agents and UV rays for defined products
- UV stable and weatherproof
- Easy to work with (laser cut/engrave, bend, glue, thermoforming, milling)



fluorescent



**Green fluorescent**  
3,0 117137



**Red fluorescent**  
3,0 117136



**Ice Blue fluorescent**  
3,0 117138

non-transparent



**White**  
3,0 117070



**Grey**  
3,0 117127



**Black**  
3,0 117128

Translucent



**White**  
3,0 117069



**Fuchsia**  
3,0 117105



**Sky Blue**  
3,0 117125



**Yellow**  
3,0 117071



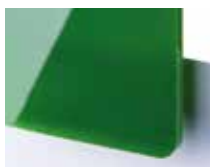
**Green**  
3,0 117123



**Blue**  
3,0 117126



**Orange**  
3,0 117103



**Dark Green**  
3,0 117124



**Lilac**  
3,0 117141



**Red**  
3,0 117104

metallic outdoor use



**Gold**  
3,0 129875



**Silver**  
3,0 129877

metallic indoor use



**Bright Silver**  
3,0 129878



**Anthracite-Silver**  
3,0 129879

# TroGlass Satins



## Material Features

**Material:** cast acrylic

**Finish:** matte, gloss

**Translucency:** translucent, non-transparent

**Cutting method:** laser, saw

**Sheet size:**

$\frac{1}{1}$	1216 x 606 mm
$\frac{1}{2}$	606 x 606 mm
$\frac{1}{4}$	606 x 301 mm

- Satin surface on both sheet sides
- Elegant and soft feeling and appearance
- High light transmission
- Ideal for illumination and backlighting signs, POS displays, interior design

Cut to size service



## Translucent



**Clear**  
3,0 117034



**Light Pink**  
3,0 117037



**Blue**  
3,0 117040



**Yellow**  
3,0 117052



**Fuchsia**  
3,0 117068



**Aquamarine**  
3,0 117035



**Bright Orange**  
3,0 117054



**Violet**  
3,0 117041



**Lemon Green**  
3,0 117057



**Red**  
3,0 117038

## Non-transparent



**White**  
3,0 117055



**Black**  
3,0 117059

## Night & Day



**Night & Day**  
3,0 117147

## LED



**White matte**  
3,0 117208



Special Product TroGlass Duo Night & Day: allows the creation of sophisticated signs, giving the possibility of having 2 colors in the same product:

- black when not backlighted
- bright when the sign is backlighted

TroGlass LED is an optimised cast acrylic sheet, developed to adjust itself to the particularity of LED lighting:

- Colors are formulated to meet the wavelength of LEDs: the sheets maintain the same color tone with backlights being turned on and off.
- It allows a high light transmission. The strong diffusion characteristics eliminate spot effects.

# TroGlass Reverse



## Material Features

**Material:** Cast acrylic with back-coating, 2 ply

**Finish:** gloss

**Engraving depth:** 0,08 mm

**Cutting method:** laser, saw

**Sheet size:**

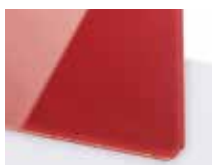
1/1	1228 x 610 mm
1/2	610 x 610 mm
1/4	610 x 304 mm

- Transparent acrylic with a coloured coating on the reverse side
- Reverse engraved areas can be infilled with colours or backlighted
- Black backing reduces cleaning time and enhances depth of colour
- Ideal for multi-coloured interior and exterior signs, safety signs, promotional and display signage

Cut to size service



**Gloss/White**  
**3,0** TG4-200  
 20625  
**5,0** TG5-200  
 20632



**Gloss/Red**  
**3,0** TG4-600  
 20630  
**5,0** TG5-600  
 20636



**Gloss/Light Blue**  
**3,0** TG4-510  
 119381  
**5,0** TG5-510  
 119393



**Gloss/Green**  
**3,0** TG4-931  
 65005  
**5,0** TG5-931  
 65008



**Gloss/Blue**  
**3,0** TG4-500  
 20629  
**5,0** TG5-500  
 20635



**Gloss/Gold**  
**3,0** TG4-710  
 20631  
**5,0** TG5-710  
 20637



**Gloss/Silver**  
**3,0** TG4-330  
 20627  
**5,0** TG5-330  
 20633



**Gloss/Bronze Gold**  
**3,0** TG4-700  
 119375  
**5,0** TG5-700  
 119377



**Gloss/Black**  
**3,0** TG4-400  
 20628  
**5,0** TG5-400  
 20634

# TroGlass Mirror



## Material Features

**Material:** extruded acrylic

**Finish:** gloss

**Cutting method:** laser, saw

**Sheet size:**

$\frac{1}{1}$	1220 x 610 mm
$\frac{1}{2}$	608 x 610 mm
$\frac{1}{4}$	608 x 303 mm

- TroGlass Mirror is an extruded acrylic glass with a reflective surface
- Perfect alternative to real glass mirror because they are lighter and have a higher breakage resistance
- Mirror-inverted engraving on the reverse side
- Used for wall decorations, jewellery, displays, interior design, ..

Cut to size service



**Silver**  
2,9 144081



**Gold**  
2,9 144142



**Rosé gold**  
2,9 144143



# TroGlass Clear



## Material Features

**Material:** cast acrylic, 1 ply

**Finish:** gloss

**Cutting method:** laser, saw

**Thickness and sheet sizes (mm):**

	1/4	1/2	3/4
<b>3, 4, 5, 10, 15, 20:</b>	1216 x 606	606 x 606	606 x 301
<b>6, 8:</b>	1200 x 598	598 x 598	598 x 297

- Perfect optical clarity and therefore great alternative to glass
- Formable, UV-stable and hard-wearing
- Polished laser cut edges, no post-processing necessary
- Ideal for interior and exterior signs, promotional & display signage

Cut to size service



**Clear**  
20,0 166528



**Clear**  
15,0 166527



**Clear**  
10,0 166526



**Clear**  
8,0 121865



**Clear**  
6,0 121863



**Clear**  
5,0 121862



**Clear**  
4,0 121801



**Clear**  
3,0 121800



**Clear**  
2,0 5266

# TroGlass XT



## Material Features

**Material:** extruded acrylic, 1 ply

**Finish:** gloss

**Cutting method:** laser, saw

**Sheet size:**

$\frac{1}{1}$	1216 x 606 mm
$\frac{1}{2}$	606 x 606 mm
$\frac{1}{4}$	606 x 301 mm

- Transparent, extruded acrylic glass with low thickness tolerance
- Fantastic light transmission and excellent resistance to outdoor weathering
- Material of choice when high thickness accuracy is of utmost importance
- Used for POS displays, signage, model making and for pluggable constructions



Cut to size service



**Clear**  
5,0 162787



**Clear**  
3,0 162785



**Clear**  
2,0 163463

# TroGlitter



## Material Features

**Material:** cast acrylic  
**Finish:** gloss  
**Cutting method:** laser, saw  
**Sheet size:**  $\frac{1}{4}$  1020 x 600 mm  
 $\frac{1}{2}$  510 x 600 mm  
 $\frac{1}{4}$  510 x 300 mm

- Cast acrylic in which glitter particles are evenly distributed throughout the material
- Glitter Acrylic offers massive opportunities for creative minds and designers, and they can explore new visual effects
- Offered in a variety of colors, and the material is color stable with no bleaching or fading
- Ideal for sales displays, novelties or even lettering applications



Cut to size service



**Red**  
3,0 153705



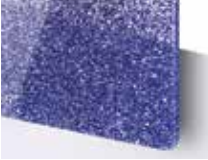
**Black**  
3,0 144645



**Silver**  
3,0 144640



**Dark Red**  
3,0 144643



**Blue**  
3,0 144646



**Gold**  
3,0 144641



**Pink**  
3,0 144644



**Green**  
3,0 153706

# TroGlass Pastel



## Material Features

**Material:** cast acrylic

**Finish:** matte, gloss

**Translucency:** opak, intransparent

**Cutting method:** laser, saw

**Sheet size:**

$\frac{1}{1}$	1216 x 606 mm
$\frac{1}{2}$	606 x 606 mm
$\frac{1}{4}$	606 x 301 mm

- Flexibility of use due to one gloss and one matte side
- Excellent physical properties of cast acrylic sheet
- Material is color stable with no bleaching or fading
- Typical applications are: visual communication & retail, interior design, shop fitting

Cut to size service



**Mint**  
3,0 160823



**Yellow**  
3,0 160825



**Orange**  
3,0 160828



**Lilac**  
3,0 160824



**Pink**  
3,0 160826



**Light Blue**  
3,0 160829

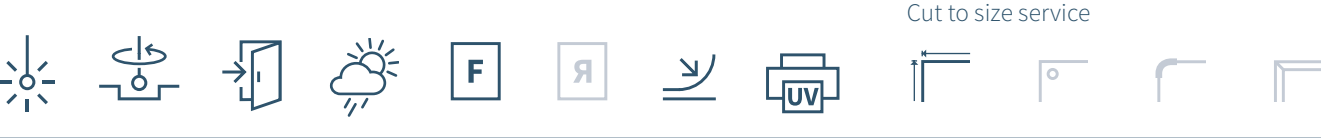
# TroGlass Neon



## Material Features

**Material:** cast acrylic  
**Finish:** gloss  
**Cutting method:** laser, saw  
**Sheet size:**  $\frac{1}{1}$  1216 x 606 mm  
 $\frac{1}{2}$  606 x 606 mm  
 $\frac{1}{4}$  606 x 301 mm

- Combines the advantages of opalescence and striking fluorescence
- Also the optimum properties such as excellent resistance to outdoor weathering make this product attractive
- Create unique, fashionable accessories of your own, POS displays, merchandising solutions or special gift toppers
- Bring your products to life with this cast acrylic glass and make powerful statements!



Cut to size service



**Pink**  
3,0 162490



**Orange**  
3,0 162512



**Yellow**  
3,0 162491



**Green**  
3,0 162513

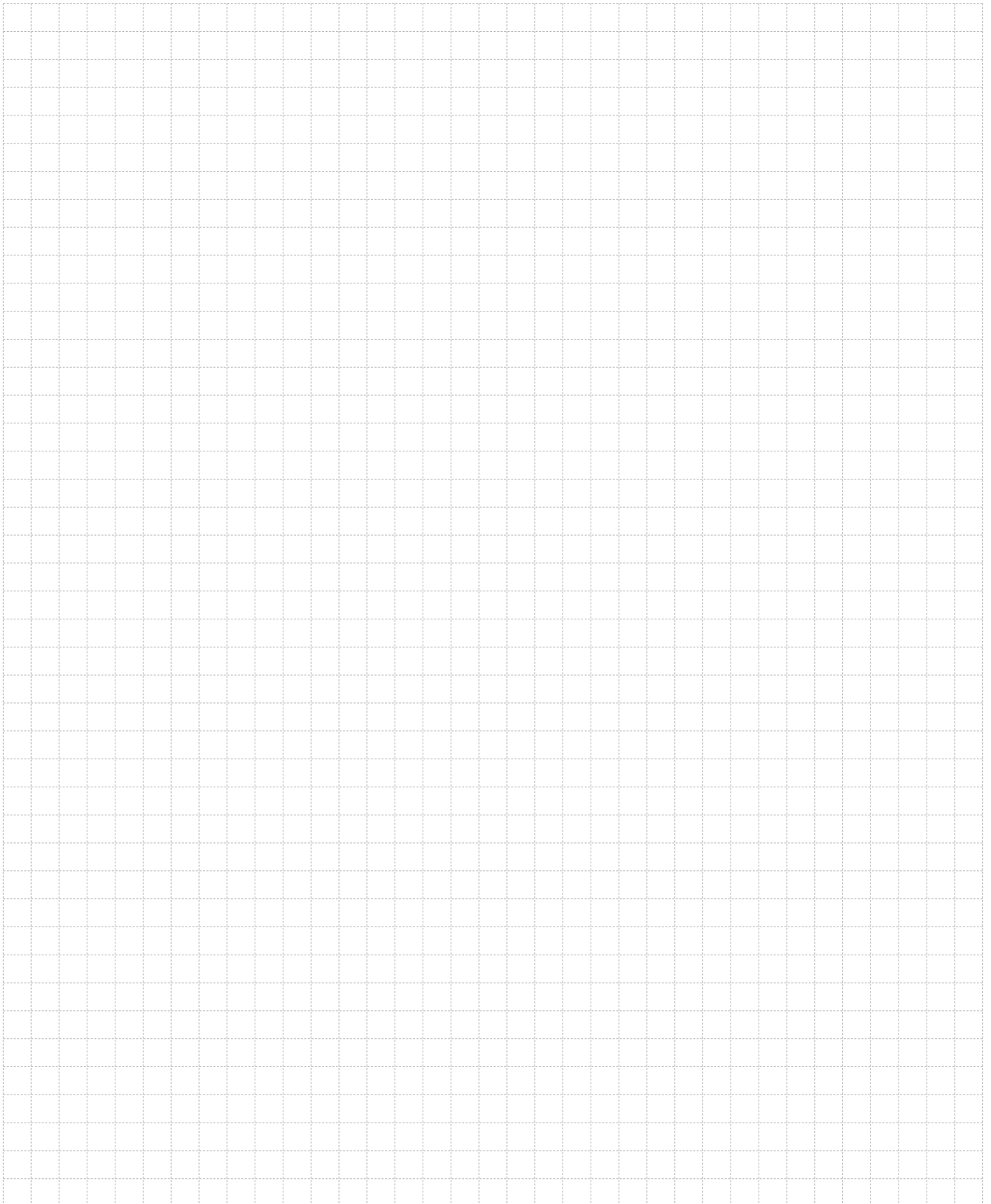


# Notes

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# Metal

Trotec offers metal products for both laser engraving and mechanical engraving. One product group is the anodized aluminum, which features a protective anodised coating that remains intact during laser processing. The image contrast is caused by the removal of the coloured coating and almost photographic qualities can be achieved. Additionally, a detailed white engraved image is created. We offer metal for engraving in different colors and also with a matte or a gloss surface.





30110-30

**trotec**

[www.trotec-materials.com](http://www.trotec-materials.com) | [www.troteclaser.com](http://www.troteclaser.com)

# Anodized Aluminum



## Material Features

**Material:** anodized aluminum

**Finish:** matte, gloss

**Cutting method:** saw, guillotine

**Sheet size:** 1000 x 500 mm

- Suitable for both for engraving with a CO<sub>2</sub> laser and with mechanical engraving devices
- Image contrast is caused by the removal of the colored coating
- Almost photographic qualities can be achieved
- Please consider that the Standard Line is less robust due to the thinner anodized coating
- Typical applications are type plates, signs with advertising impact and ID tags

Cut to size service



## Premium Line

### Aluminum Satin Silver matte



0,5	30105-00
	5277
1,0	30110-00
	3503
1,5	30115-00
	3544
2,0	30120-00
	4256
3,0	30130-00
	4806



### Black matte

0,5	30105-10
	4671
1,0	30110-10
	3504
1,5	30115-10
	3545
2,0	30120-10
	4187
3,0	30130-10
	9075



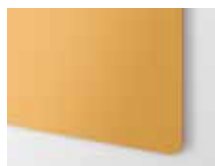
### Green matte

0,5	30105-40
	34356
1,0	30110-40
	3509
1,5	30115-40
	3548
2,0	30120-40
	4185
3,0	30130-40
	65331

### Nickel Silver matte



0,5	30105-50
	65308
1,0	30110-50
	3540
1,5	30115-50
	3549
2,0	30120-50
	65320
3,0	30130-50
	65326



### Gold matte

0,5	30105-60
	65310
1,0	30110-60
	3541
1,5	30115-60
	3560
2,0	30120-60
	4184
3,0	30130-60
	15890



### Blue matte

0,5	30105-30
	4447
1,0	30110-30
	3508
1,5	30115-30
	3547
2,0	30120-30
	4186
3,0	30130-30
	65332

### Stainless Steel matte




1,0	30110-90
	12659
1,5	30115-90
	4603
2,0	30120-90
	13667




### Red matte

0,5	30105-20
	34357
1,0	30110-20
	3505
1,5	30115-20
	3546
2,0	30120-20
	4763
3,0	30130-20
	65333



**Aluminium Satin**  
**Silver gloss**  
**1,0** 30210-00  
 3563  
**1,5** 30215-00  
 3582  
**2,0** 30220-00  
 4483



**Nickel Silver gloss**  
**1,0** 30210-50  
 3568  
**1,5** 30215-50  
 3588  
**2,0** 30220-50  
 65301



**Black gloss**  
**1,0** 30210-10  
 3564  
**1,5** 30215-10  
 3583  
**2,0** 30220-10  
 46422



**Green gloss**  
**1,0** 30210-40  
 3567  
**1,5** 30215-40  
 3587  
**2,0** 30220-40  
 65304



**Gold gloss**  
**1,0** 30210-60  
 3569  
**1,5** 30215-60  
 3589  
**2,0** 30220-60  
 4760



**Red gloss**  
**1,0** 30210-20  
 3565  
**1,5** 30215-20  
 3585  
**2,0** 30220-20  
 65307



**Blue gloss**  
**1,0** 30210-30  
 3566  
**1,5** 30215-30  
 3586  
**2,0** 30220-30  
 65306

## Standard Line



**Standard natural**  
**1,0** 122787



# DuraBlack®



## Material Features

**Material:** anodized aluminum

**Finish:** matte

**Cutting method:** saw, guillotine

**Sheet size:** 508 x 609 mm

- Coated aluminum with a black surface
- Can be marked in white with a CO<sub>2</sub> laser
- Particularly resistant to environmental influences (weathering, salt water, chemicals, etc.)
- Conforms with various industrial and military standards, including MIL-STD 130N, A-A-50271 (MIL-P-514D) and MIL-STD-15024F, Type L



Cut to size service



**Black matte**  
0,5 77795

# AlumaMark®



## Material Features

**Material:** anodized aluminum

**Finish:** matte

**Cutting method:** saw, guillotine

**Sheet size:** <sup>(1)</sup> 508 x 609 mm  
<sup>(2)</sup> 305 x 508 mm

- Coated aluminium
- Can be marked in black with a CO<sub>2</sub> laser
- Even lower laser power levels can create a high-contrast engraving
- Typically used for interior signs, name plates, badges, trophy signs and labels



Cut to size service



**Satin Gold <sup>(1)</sup>**  
0,5 3948



**Satin Silver <sup>(1)</sup>**  
0,5 3947



**Mirror Gold <sup>(2)</sup>**  
0,5 47639



**Mirror Silver <sup>(2)</sup>**  
0,5 47638

# Stainless Steel



## Material Features

**Material:** stainless steel - NIRO ISO 1.4301/ AISI 304 brushed

**Finish:** brushed

**Cutting method:** guillotine

**Sheet size:** 1000 x 500 mm

- Provides excellent corrosion resistance
- Highly resistant to mechanical and chemical stresses, as well as high and variable temperatures
- Allows for permanent, black markings with a CO<sub>2</sub> laser in combination with markSolid, or direct with a fibre laser
- Try our cut-to-size service for stainless steel



Cut to size service



**NIRO 1.4301**  
**Brushed**  
0,8 146041



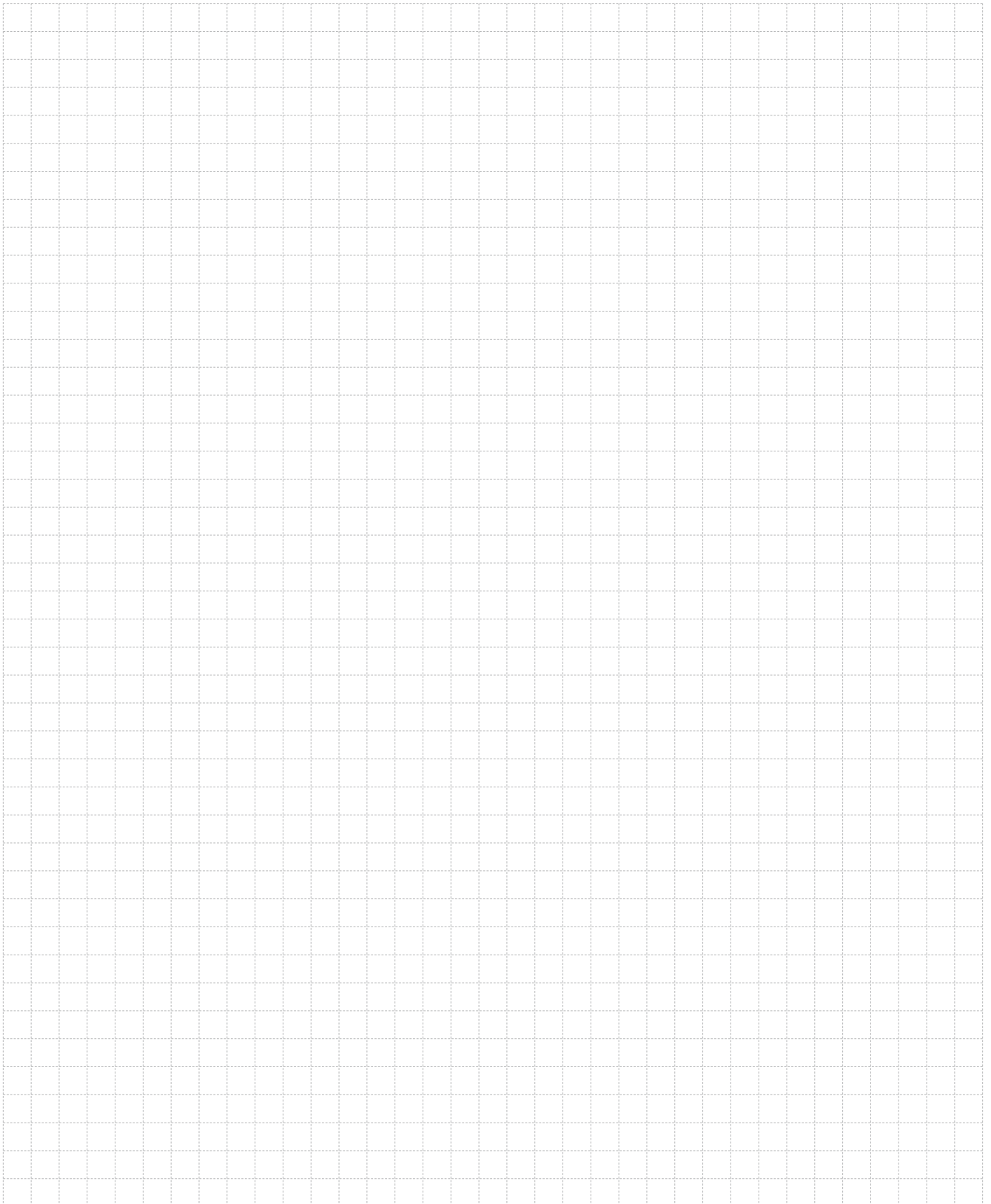
For a black laser engraving on blank stainless steel using a CO<sub>2</sub> laser we recommend the use of our marking solutions (e.g. markSolid spray/paste). Alternatively, a black marking can be created with a fiber laser.

# Notes

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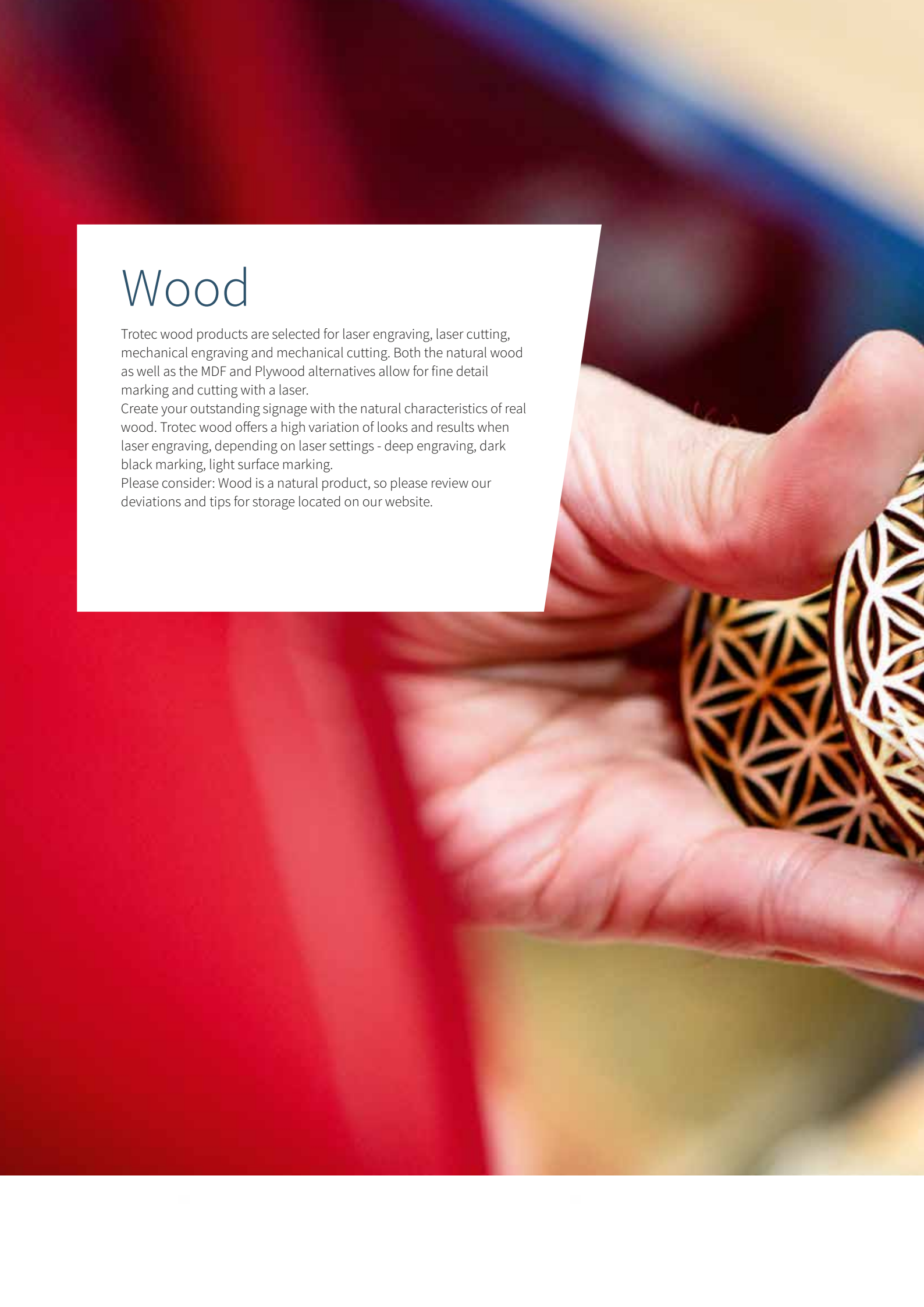


# Wood

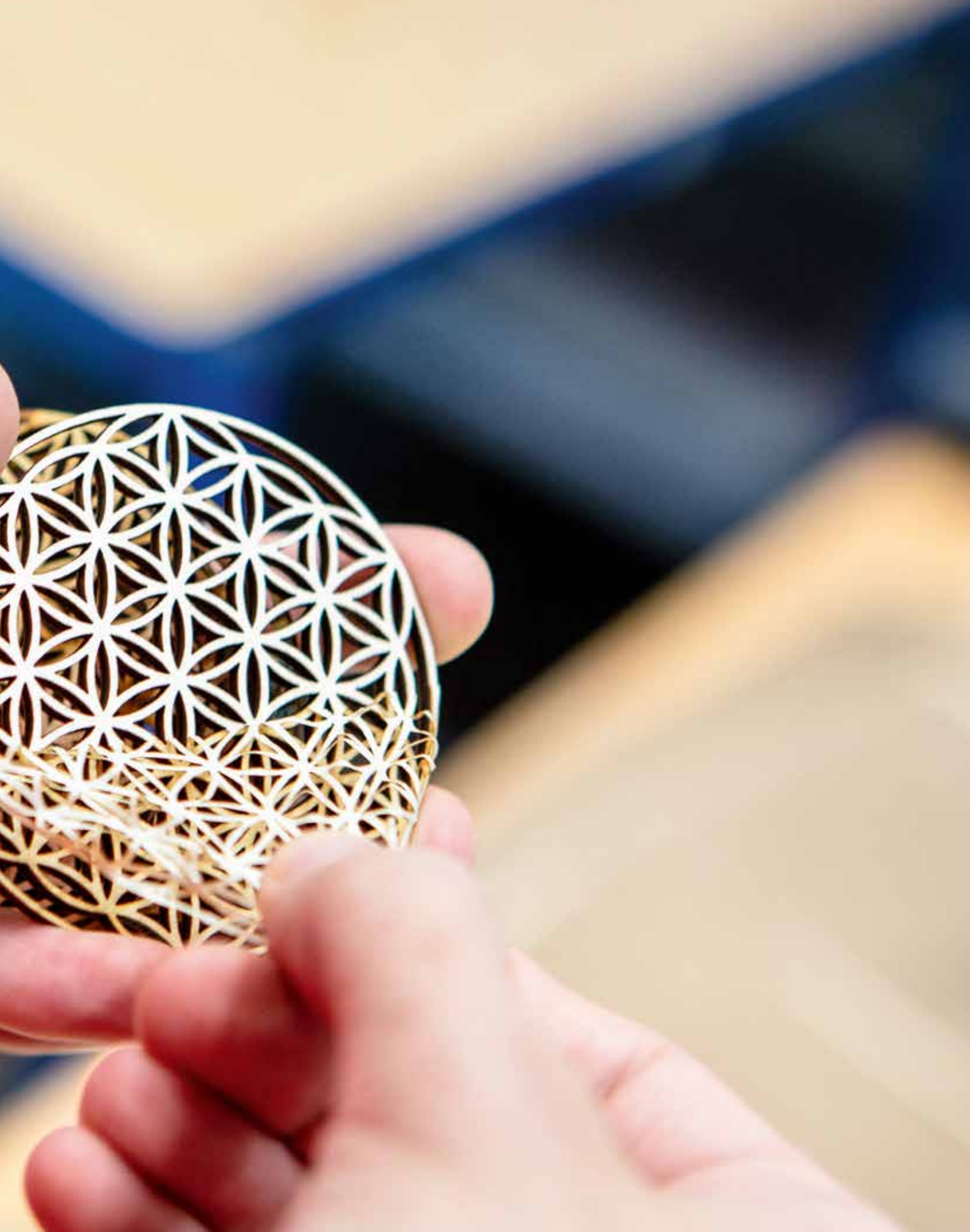
Trotec wood products are selected for laser engraving, laser cutting, mechanical engraving and mechanical cutting. Both the natural wood as well as the MDF and Plywood alternatives allow for fine detail marking and cutting with a laser.

Create your outstanding signage with the natural characteristics of real wood. Trotec wood offers a high variation of looks and results when laser engraving, depending on laser settings - deep engraving, dark black marking, light surface marking.

Please consider: Wood is a natural product, so please review our deviations and tips for storage located on our website.







/ SETTING NEW STANDARDS

# Solid Wood



## Material Features

**Material:** solid wood

**Finish:** smooth, matte and lacquered surface

**Cutting method:** saw, laser

**Sheet size:** 600 x 300 mm

- Ideally suited for the requirements of laser processing
- Smooth, matte surface offers an authentic high quality appearance and durability
- Can be used for a multitude of applications such as small interior signage, interior decorations, fashion accessories and promotional giftware



Cut to size service



**Maple**  
5,0 120182



**Oak**  
5,0 120183



**Cherry**  
5,0 120185



**Walnut**  
5,0 120186

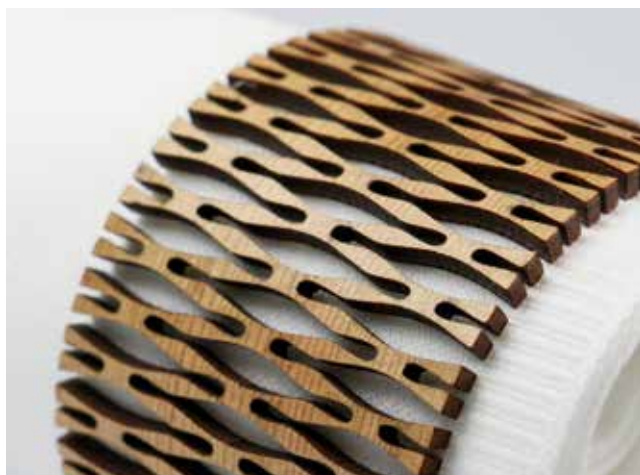


**Alder**  
5,0 120184



Wood is a living, natural material and each panel is unique. Differences in structure and appearance within a panel can occur. We recommend to allow time for the wood acclimatise to its new environment before processing. Storage should be in an area with constant temperature/humidity.

# Wood Veneer



## Material Features

**Material:** Veneered wood sheets  
**Finish:** smooth, matte and lacquered surface  
**Cutting method:** saw, laser  
**Sheet size:** 600 x 300 mm

- Elegant, smooth, matte surface
- It comes with a fibre board core
- Real wood laminated on both sides
- Suitable for a wide range of applications - interior signs, gifts, architectural model making, arts and crafts

Cut to size service



**Cherry**  
3,0 119801



**Maple**  
3,0 119798



**Oak**  
3,0 154946



**Bamboo**  
3,0 119799



**Walnut**  
3,0 119952

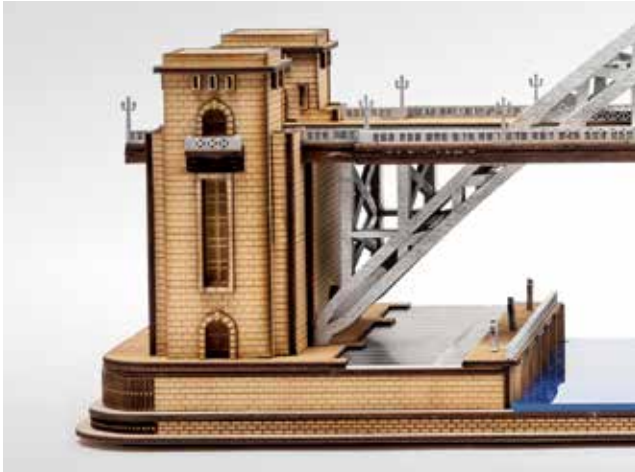


**Birch**  
3,0 119800



Wood is a living, natural material and each panel is unique. Differences in structure and appearance within a panel can occur. We recommend to allow time for the wood acclimatise to its new environment before processing. Storage should be in an area with constant temperature/humidity.

# Plywood



## Material Features

**Material:** Plywood poplar

**Finish:** untreated

**Cutting method:** laser, saw

**Sheet size:** 600 x 300 mm (pack of 10)

- Satin surface on both sheet sides
- Elegant and soft feeling and appearance
- High light transmission
- Ideal for illumination and backlit signs, POS displays, interior design



Cut to size service



<b>600 x 300 mm</b>	
<b>3,0</b>	68987
	123456
<b>6,0</b>	68990
	123456



Wood is a living, natural material and each panel is unique. Differences in structure and appearance within a panel can occur. We recommend to allow time for the wood acclimatise to its new environment before processing. Storage should be in an area with constant temperature/humidity.

# MDF



## Material Features

**Material:** MDF

**Finish:** untreated

**Cutting method:** laser, saw

**Sheet size:** 1220 x 600 mm  
600 x 300 mm (pack of 10)

- Smooth surface quality
- Furniture grade MDF
- Homogenous fibre structure
- Great results even in fine-detail laser cutting due to high fibre density
- Ideal for architectural model making, prototyping, giftware, toys, arts and crafts



Cut to size service



**1220 x 600 mm**  
**3,0** 68995  
**6,0** 120164



**600 x 300 mm**  
**3,0** 68996  
**6,0** 119957



Wood is a living, natural material and each panel is unique. Differences in structure and appearance within a panel can occur. We recommend to allow time for the wood acclimatise to its new environment before processing. Storage should be in an area with constant temperature/humidity.

# TroCraft Eco



## Material Features

**Material:** natural cellulose

**Finish:** untreated

**Cutting method:** saw, laser

**Sheet size:** 600 x 300 mm (pack of 5)

- Laser material made of recyclable resources - out of pure cellulose fiber
- Produced without using additives, is fully biodegradable and emission-free
- Create sustainable toys, interiors or applications for furniture making, vehicle construction and tool making



Cut to size service



1,0	145324
1,5	145325
3,0	145326



# LaserCork



## Material Features

**Material:** Cork

**Finish:** untreated

**Cutting method:** saw, laser

**Sheet size:** 600 x 300 mm (pack of 5)

- Natural, environmentally friendly laser material
- The fine grain structure and the beautiful dark brown engraving make LaserCork suitable for many different creative, decorative or functional applications with a natural touch
- Relatively low laser power is sufficient for cutting our LaserCork
- LaserCork is the perfect laser material for coasters and wall decorations such as a world map or pin board



Cut to size service

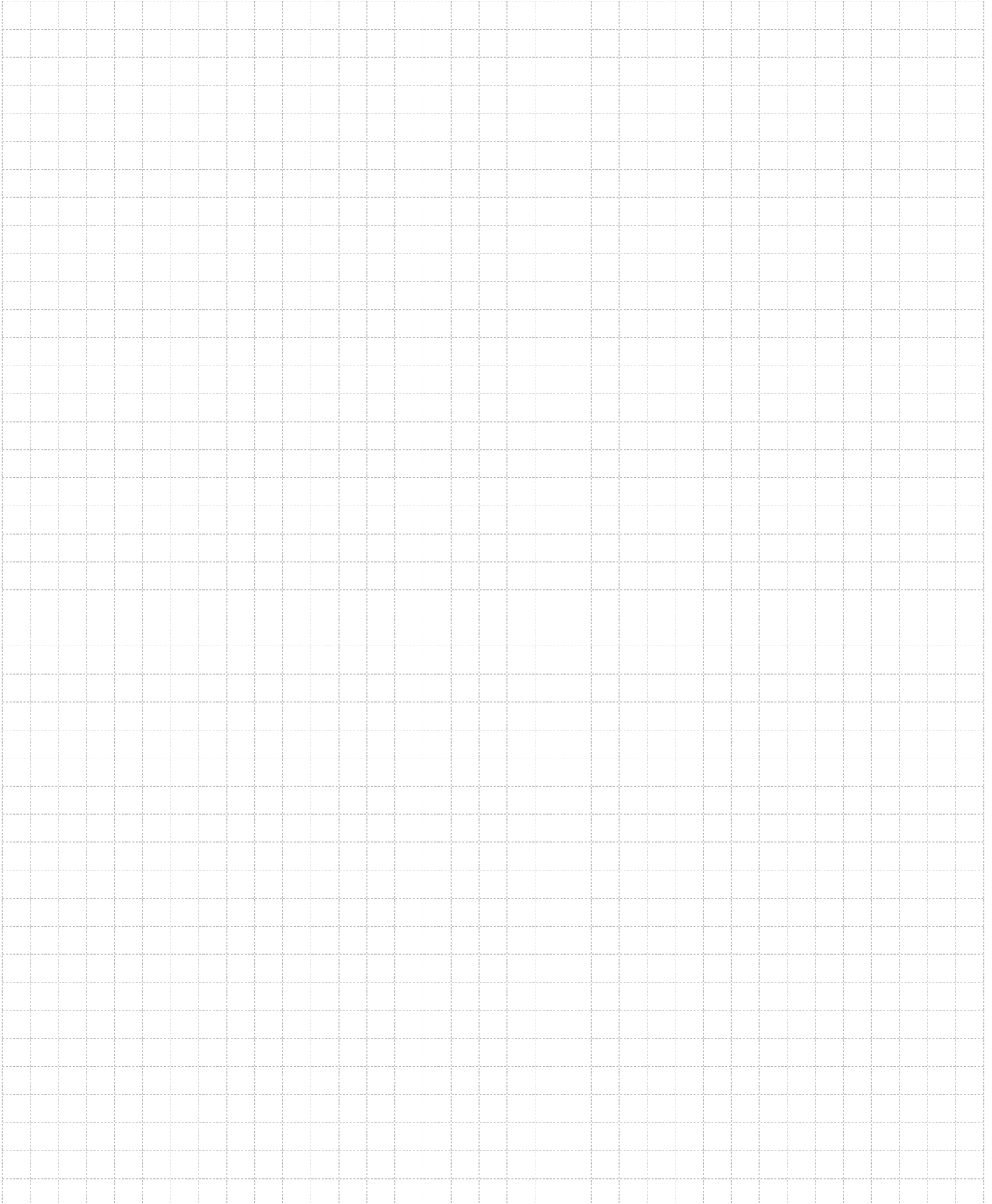


0,8 150638

1,5 150640

3,0 150641

# Notes



# LaserLeather



## Material Features

**Material:** 100% PU leather

**Finish:** matte

**Cutting method:** saw, guillotine

**Sheet size:** 813 x 508 mm

- High-quality two-tone artificial leather with a smooth surface for an excellent touch
- Even very fine engravings reveal the second color layer well
- Specially selected color combinations offer a wide range of use
- From bags, backpacks, labels, jewelry, or a stylish pencil roll - it can be transformed into many unique items due to its easy processing

Cut to size service



**Black/White gold**  
0,65 165274



**Brown/Black**  
0,65 165276



**Brown/Orange**  
0,65 165277



**Black/Blue**  
0,65 165279



**Berry/Red**  
0,65 165278



**Silver/Red**  
0,65 165280

# Paper

LaserPaper is a laser-friendly paper available in a variety of shades and gsm weights, which produces outstanding results when printed, laser cut and laser engraved. Trotec's LaserPaper has been carefully selected to produce a high level of colour contrast when laser engraved as well as a crisp, clean edge when laser cut. LaserPaper is incredibly versatile and can be used for a multitude of applications, such as invitations, brochures, business cards, scrap booking, greeting cards and more.





# LaserPaper Colors



## Material Features

**Material:** paper  
**Finish:** matte  
**Sheet size:** DIN A3 (297 x 420 mm)  
**Package quantity:** 10 per pack

- Especially suitable for laser processing
- It is non-fading and easily folds and bends to create shapes
- Cutting this paper with a laser allows for filigree patterns and fine details to be created without any burned marks
- Typical applications are greeting or invitations cards, table decorations, book covers and promotional printing

Cut to size service



	<p><b>Metals Galvanized</b> 300 g/m<sup>2</sup> 132545</p>		<p><b>Cottage Red</b> 300 g/m<sup>2</sup> 132552</p>		<p><b>Black</b> 380 g/m<sup>2</sup> 132547</p>
	<p><b>Metals Gold Leaf</b> 300 g/m<sup>2</sup> 132546</p>		<p><b>Blue</b> 250 g/m<sup>2</sup> 132548</p>		<p><b>Slate Grey</b> 300 g/m<sup>2</sup> 132551</p>
	<p><b>Dark Blue</b> 270 g/m<sup>2</sup> 132544</p>				



# LaserPaper Wood



## Material Features

**Material:** Real Birch or Cherry wood on paper backing

**Finish:** matte

**Sheet size:** DIN A3 (297 x 420 mm)

**Package quantity:** 10 per pack

- Features a real wood surface with a white cardboard backing
- Carefully designed to produce a high level of contrast when laser engraved, and a crisp clean edge when laser cut
- Combine print and laser cut for unique artwork
- Promotional printing, invitation cards and table decorations are typical applications

Cut to size service



**Birch  
Wood Veneer**  
310 g/m<sup>2</sup> 132542



**Cherry  
Wood Veneer**  
310 g/m<sup>2</sup> 132543

# Gifts

Grow your business by personalizing gifts and ready-made products for your customers. Apply individual laser engravings to these trendy products and benefit from this simple and cost-effective solution.

We are constantly expanding this product range, please check our website for the latest additions.





# Laserable Bottles



## Material Features

**Material:** high-grade 304 stainless steel  
**Finish:** matte, soft  
**Capacity:** 500 ml

- Made of high-grade 304 stainless steel with a colored coating that is perfect for laser engraving
- Double-walled vacuum insulation keeps ice cold drinks cool up to 24 hours, hot drinks keep their temperature up to 12 hours
- Whether skiing, at work or on the beach - you want these modern bottles with you at every moment
- Notes: The bottles are not recommended for dishwasher cleaning. Please check our website for latest colors.

## Matte



**Black**  
500 ml 147548



**Mint**  
500 ml 150275



**Blue**  
500 ml 150277



**Pink**  
500 ml 150274



**Orange**  
500 ml 150276



**Silver**  
500 ml 150278

## Soft



**Yellow**  
500 ml 163878



**Green**  
500 ml 163879



**Navy**  
500 ml 163880



**Turquoise**  
500 ml 163881



**Plum**  
500 ml 163902



**Red**  
500 ml 163903



**Powder Pink**  
500 ml 163904

# Magic Series – Mugs and Bottles



## Material Features

**Material:** high-grade 304 stainless steel

**Finish:** glitter

**Capacity:** 360 ml, 500 ml

- These fancy bottles and mugs come with a colored glitter coating that can be easily laser engraved
- Creative and cost-effective personalization solution
- Thanks to the double-walled vacuum insulation and the closures, our glitter bottles are suitable for everyday use
- Notes: The bottles are not recommended for dishwasher cleaning. Please check our website for latest colors.

## Laserable Mugs



**Pink glitter**  
360 ml 163915



**Gold glitter**  
360 ml 163916



**Silver glitter**  
360 ml 163917



**Mint glitter**  
360 ml 163918

## Laserable Bottles



**Pink glitter**  
500 ml 163908



**Gold glitter**  
500 ml 163905



**Silver glitter**  
500 ml 163906



**Mint glitter**  
500 ml 163909

# Laserable Mugs & Tumblers



## Material Features

**Material:** high-grade 304 stainless steel

**Finish:** soft, matte

**Capacity:** 360 ml, 480 ml

- Whether for coffee, tea or a cold lemonade - these mugs and tumblers made of high-grade 304 stainless steel are the product of choice
- Equipped with a lid with lock
- Double-walled vacuum insulation keeps hot drinks their temperature up to 4 hours, ice cold drinks cool up to 8 hours
- Notes: not recommended for dishwasher cleaning. Please check our website for latest colors!

## Mugs (soft)



**Black**  
360 ml 163911



**Turquoise**  
360 ml 163912



**Red**  
360 ml 163913



**Purple**  
360 ml 163914

## Tumblers (matte)



**Black**  
480 ml 163920



**Pink**  
480 ml 163919



# Laserable Hip Flask



## Material Features

**Material:** high-grade 304 stainless steel

**Finish:** matte

**Capacity:** 240 ml

- Made out of high-grade 304 stainless steel
- Colored coating that can be easily laser engraved
- Personalizing the hip flask by adding a special image or artwork with a laser will create the perfect gift for many special occasions
- Whether for a fisherman, a hunter, at the Christmas market or for a stag party - a personalized hip flask is definitely a highlight
- Notes: not recommended for dishwasher cleaning. Please check our website for latest colors.



**Black**  
240 ml 158407



**Mint**  
240 ml 158409



**Pink**  
240 ml 158408



**Silver\***  
240 ml 158405



\*For a black laser engraving on blank stainless steel using a CO<sub>2</sub> laser we recommend the use of our marking solutions (e.g. markSolid spray/paste). Alternatively, a black marking can be created with a fiber laser

# Aluminum Tags (Pet tags, Rounds)



## Material Features

**Material:** Anodized Aluminum (except military tag stainless steel)

**Size:** available in a wide range of sizes, shapes and colors

**Package quantity:** pack of 20 pieces

- When laser engraved, the engraving appears in white
- Engraving with a mechanical engraving machine is possible – in this case the aluminum core will appear in silver
- Create a personalized label
- Ideal as a gift, giveaway or a souvenir

## Heart with hole



Small: 24 x 20mm,  
Hole size approx. 3,0 mm  
Large: 38 x 33 mm  
Hole size approx. 3,0 mm

Color	Order No.	Order No.
	small	large
black	122244	122235
blue	122245	122237
red	122246	122238
gold	122248	122239
green	122249	122240
pink	122250	122241
violet	122251	122242
silver	122252	122243

## Round with loop



Diameter 25 mm  
Hole size approx. 3,0 mm

Color	Order No.
black	122172
blue	122173
red	122174
gold	122175
green	122176
pink	122177
violet	122178
silver	122179

## Round with hole



Small: Diameter 25mm  
Hole size approx. 3,0 mm  
Large: diameter 30 mm  
Hole size approx. 3,5 mm

Color	Order No. small	Order No. large
black	122188	122180
blue	122189	122181
red	122190	122182
gold	122191	122183
green	122192	122184
pink	122193	122185
violet	122194	122186
silver	122195	122187

## Dog bone



Small: 21 x 31mm  
Hole size approx. 2,5 mm  
Large: 40 x 27 mm  
Hole size approx. 3,5 mm

Color	Order No. small	Order No. large
black	122205	122197
blue	122206	122198
red	122207	122199
gold	122208	122200
green	122209	122201
pink	122210	122202
violet	122211	122203
silver	122212	122204

## Military tag



50 x 29mm,  
Hole size approx. 3,0 mm

Color	Order No.
black	122253
blue	122254
red	122255
gold	122256
green	122257
pink	122258
violet	122259
silver	122260
Stainless steel	122261
blank	

# Rounds



## Material Features

**Material:** aluminum, plastic

**Finish:** gloss, matte

**Size:** 20 mm / 25 mm / 30 mm / 35 mm / 40 mm / 50 mm diameter

**Minimum order quantity:** 25 pieces

- Individual round blanks in different sizes, with or without drill hole
- Also available self-adhesive
- Other plastics such as TroLase and aluminium with thickness 0,5 mm on request
- Ideal for labels or type plates

	Diameter	Color
Aluminum natural matte 1,0 mm thickness	20 mm	natural
	25 mm	natural
	30 mm	natural
	35 mm	natural
	40 mm	natural
	50 mm	natural
Aluminum natural gloss 1,0 mm thickness	20 mm	natural
	25 mm	natural
	30 mm	natural
	35 mm	natural
	40 mm	natural
	50 mm	natural
Aluminum colored matte 1,0 mm thickness	20 mm	colored
	25 mm	colored
	30 mm	colored
	35 mm	colored
	40 mm	colored
	50 mm	colored
Aluminum colored gloss 1,0 mm thickness	20 mm	colored
	25 mm	colored
	30 mm	colored
	35 mm	colored
	40 mm	colored
	50 mm	colored
Plastic: TroPly and TroPly Metallic 1,6 mm thickness	20 mm	colored
	25 mm	colored
	30 mm	colored
	35 mm	colored
	40 mm	colored
	50 mm	colored

# Photo Frames



## Material Features

**Material:** solid wood alder

**Finish:** matte

- Our solid wood photo frames, which provides best laser engraving results
- Made of high-quality alder wood, the photo frames feature a homogenous surface structure
- Come with glass and a folding easel back for horizontal or vertical placement
- Perfect as a personalized gift, birthday present or for marriage anniversary

## Photo frame alder



Outside measures	Photo size	Order No.
16,5x20,5cm (6.4"x8")	8,9x12,8 cm (3½"x5")	134287
17,8 x 22,8 cm (7"x9")	10,2x15,2 cm (4"x6")	133910
20 x 25,2 cm (7.9"x10")	13x18 cm (5"x7")	133909
27,7 x 32,8 cm (11"x13")	20x25 cm (8"x10")	133911

## Photo frame alder – wide frame



Outside measures	Photo size	Order No.
18 x 20 cm (7"x7.9")	15 x 10 cm (6"x4")	133922

# Linen Books



## Material Features

**Material:** linen-bound hardcover, high-quality cream-colored white paper

**Finish:** matte

**Sheet size:** B5 (18,5 x 25,5 mm)

- Impress your customers with a personalized engraving on a high-quality linen book
- Engrave the books for special occasions such as weddings, birthdays, Mother's or Father's Day or christenings
- 144 unprinted pages are also perfect as a guest book, baby book, recipe book or as a diary
- Manufactured in accordance with the best bookbinding traditions
- Note: Please check our website for latest colors!



**Burgundy**  
B5 150644



**Plum**  
B5 150643



**Marine**  
B5 150645



**Cream**  
B5 150646



**Light blue**  
B5 150647

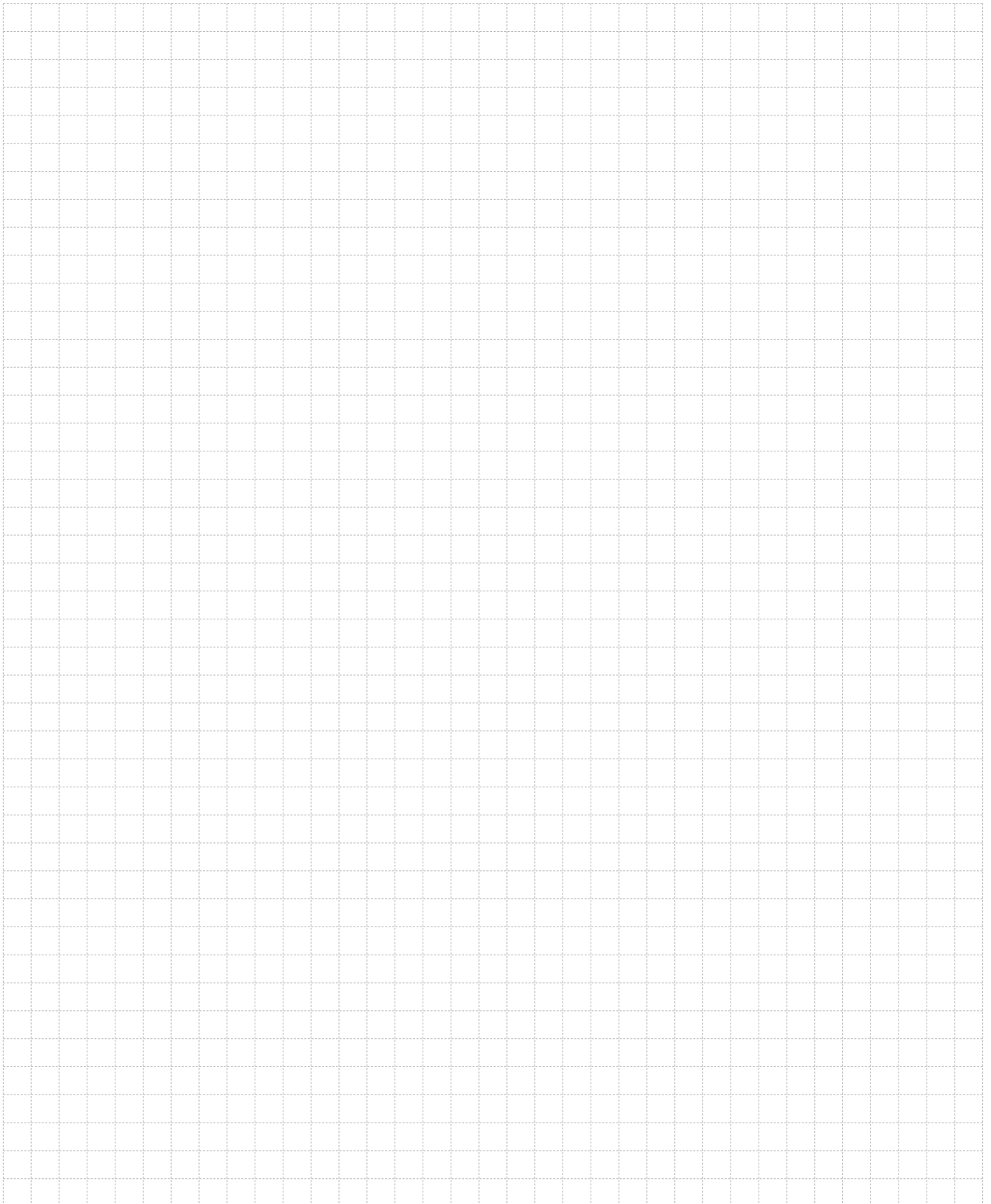


# Notes

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# Supplies

Looking for engraving supplies that simplify and support your daily workflow? From workholding mats to pins and magnets for name badges to laser marking solutions (so you can use your CO<sub>2</sub> laser on metals) you will find in our range. Here you will also find the laser rubber we use for our Trodat stamps, as well as various acrylic colors for reverse engraved areas.





# Signage Mounting Devices



## Material Features

**Material:** solid stainless steel

**Finish:** matte

- Use these wall distance holders for high-quality signs
- Alternative sizes and fixing options offer a wide range of sign- and mounting options
- Screw caps are the easy to use alternative to give a high-quality appearance to a regular screw
- Trotec materials can be ordered cut to size with drilled holes

## Distance holder R15-15-FL and R20-20-FL

Stainless matte, round, flat head, left-hand thread



Product	Size	Package options	Order No.
R15-15-FL	ø 15mm, wall distance 15mm, sign hole 11 mm, Thickness of sign 2-5 mm	4 pieces, mounting screws	128994
R20-20-FL	ø 20mm, wall distance 20mm, sign hole 13mm, Thickness of sign 3-18 mm	4 pieces, mounting screws	128999

## Distance holder S25-25-FK

Stainless matte, square, flat head, hex key fixing



Product	Size	Package options	Order No.
S25-25-FK	ø 25mm, wall distance 25mm, sign hole 16mm, Thickness of sign 2-10 mm	4 pieces, mounting screws + hex key	128997

## Distance holder E16-16-FK

Stainless matte, round, flat head, edge grip, x key fixing



Product	Size	Package options	Order No.
E16-16-FK	ø 16mm, wall distance 16mm, Thickness of sign 3mm	4 pieces, mounting screws + hex key	128995

## Distance holder R20-15-FK

Stainless matte, round, flat head, hex key fixing



Product	Size	Package options	Order No.
R20-15-FK	ø 15mm, wall distance 20mm, sign hole 11mm Thickness of sign 1–12mm	4 pieces, mounting screws + hex key	128996

## Screw caps

Stainless matte, round screw cap, left-hand thread



Product	Size	Package options	Order No.
R15/3.5-FL	ø 15mm, screw size 3,5mm	Pack of 20 pieces incl. screw-holder	129007
R18/4.5-FL	ø 18mm, screw size 4,5mm	+ cap	129008

# Laser marking solutions



## Material Features

**Material:** pigments and particles embedded in a carrying liquid

**Usage:** when laser marked, the particles melt together with the surface of the core material (e.g. metal), leaving a permanent dark marking

**Consumption:** recommended within 6 months after delivery

- By applying the spray or paste on the blank surface (metal, glass, ceramic), CO<sub>2</sub> lasers, as well as fiber or Nd:YAG lasers, produce a permanent black marking
- This marking is highly resistant to mechanical and chemical stresses as well as high temperatures
- High contrast and resolution can easily be achieved
- Perfect for bar coding, product serialisation, logos or individual pieces

## Laser marking metals

	Product	Size	Order No.
aerosol	markSolid Spray Metal 114*	300 ml	57792
	CerMark LMM 6000	340 g	4767
	Thermark LMM 14	170 g	15891
paste	markSolid Paste Metal 015	50 g	110200
	markSolid Paste Metal 015	100 g	110201
	CerMark LMM 6000	250 g	48391
tape	LMM 6018 Tape	25 mm x 15 metres	58243
	LMM 6018 Tape	50 mm x 15 metres	64752

\* Spray not recommended for airfreight



# How to use laser marking solutions



## 1. Preparation

- **Surface Cleaning:** Product needs to be applied directly on the blank surface (metal, glass, ceramic). The surface has to be dry and clean, free of dust, grease, silicone, etc.
- **Spray:** Shake the spray well to make sure solid sediments are dissolved.
- **Pastes:** Dilute the paste with ethanol (alcohol) or water according to the description on the product label. For curved surfaces reduce the grade of dilution.



## 2. Applying

The more evenly and the more accurately you apply the product onto the surface, the better results you achieve. The principle „less is more“ applies often in regard to the layer thickness.

- **Spray:** Spray from 20 - 30 cm distance
- **Paste:** Apply with brush, foam or airbrush



## 3. Drying

The coating must be completely dry before starting the laser marking. It usually takes 1–2 minutes when dried by air, but a hot air blower (e.g. a simple hair dryer) can reduce the drying time.

**Tip:** You may reduce the drying time by putting the work piece in the laser with exhaust turned on.



## 4. Laser Marking

The products can be used for marking with CO<sub>2</sub> lasers, Nd:YAG lasers and fiber laser, to name a few. Differences in laser power, wave length and other factors influence the final settings required. After laser marking, excessive coating can be removed by wiping with a damp cloth or by washing with water.



- Light-grey to brown results indicate that too much laser power or too little marking speed were used.
- If the marking can be rubbed off, too little power or too high laser speed can be the cause.
- The same result may occur if the coating is thicker than it should be, or if the material surface is not free of oil or dirt.

## Our recommendations

Product	Application
<b>markSolid Paste Metal 015</b> 50 g, 100 g	Black marking on blank metal (stainless steel, brass, etc.) Paste is suitable for application by brush, especially for smaller areas, or by airbrush.
<b>markSolid Spray Metal 114*</b> 300 ml	Black marking on blank metal (stainless steel, brass, etc.) Using a spray might be the easiest way for an even coating, especially for larger areas.

# Pins and Magnets



## Material Features

**Package quantity:** 20 pieces

- Offer your customers an extra service by providing finished badge fixing solutions
- Create name signs by engraving laser materials and using these pins and magnets for the reverse side



Size	Description	Order No.
42 x 7,5 mm	Pin white with adhesive	3603
51 x 9,5 mm	Pin with clutch and adhesive	9881
45 x 13 mm	Magnet large	33611
33 x 12 mm	Magnet small	12635

# Color Fillings



## Material Features

**Material:** highly versatile, water-based acrylic colors

**Application:** all colors can be thinned with water to pale washes, or used directly from the pot or tube

- Specially designed to use on laser engraved plastics our acrylic filler paints will not affect nor “craze” the lasered area
- Fill reverse engraved signs with acrylic colors and create long-lasting, colourful, multi-color signs
- Offer excellent light-fastness, permanence, durability and covering power
- Create color effects with individually mixed colors

## Acrylic Paint



Color	Size / Can	Order No.
Black	59 ml	146419



Red	59 ml	146420
-----	-------	--------



Bright Red	59 ml	146488
------------	-------	--------



Blue	59 ml	146483
------	-------	--------



Silver	59 ml	146484
--------	-------	--------



Gold	59 ml	146487
------	-------	--------



Bright Pink	59 ml	146489
-------------	-------	--------



Yellow	59 ml	146486
--------	-------	--------

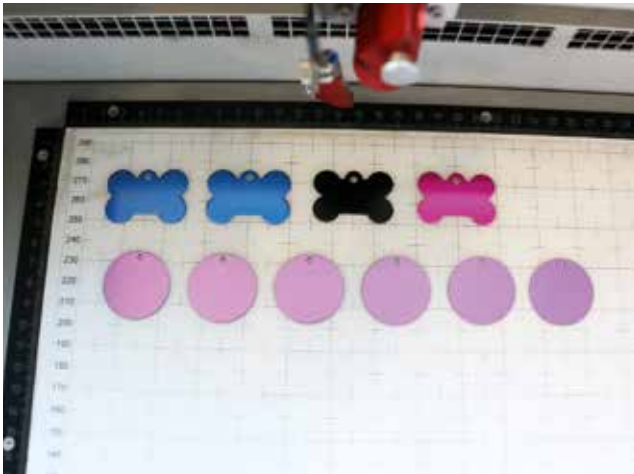


White	59 ml	146421
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Green	59 ml	146485
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# Workholding Mat



## Material Features

**Material:** thin plastic with a special coating on both sides

**Size:** various sheet sizes for different laser bed sizes

- Holds material flat on the table - no tape, clamps or additional adhesives are required
- Allows laser and rotary users without a vacuum table to hold down a workpiece and prevent it from moving while operating
- Also recommended for applications where the vacuum table cannot be fully utilized – for example when marking or engraving a high number of small pieces
- Material can be released easily again

## Seklema Workholding Mat

Product (Cut to size)	Size
Seklema 67064	1200 x 600 x 3 mm
Seklema 67064 (1/2)	600 x 600 x 3 mm
Seklema 67064 (1/4)	600 x 300 x 3 mm

## Trotec Workholding Mat

Product (Cut to size)	Size
Trotec 126983	1220 x 610 x 3 mm
Trotec 126983 (1/2)	610 x 610 x 3 mm
Trotec 126983 (1/4)	610 x 305 x 3 mm



A workholding mat is a reusable mat, that helps streamlining the production process:

- Holds material flat and in position if there is no a vacuum table
- Better fixation of small items which are hard to pin down by vacuum table
- Speeds up production
- Long lifetime due to “self-healing” surface and two usable sides
- Can be easily cleaned with only a soft sponge and water
- Various sheet sizes available to fit different laser bed sizes

# Laser Rubber Sheets



## Material Features

**Material:** Trodat stamp rubber

**Sheet size:** A4, A3

- Has been specially developed to deliver the best engraving results and highest productivity
- Choose from our laser rubber range for various stamp applications
- Regardless of whether you want to save production time, or you want to reduce odours in your production area, Trodat is the right laser rubber for your exact needs
- Trodat's laser rubbers are completely harmless with regard to occupational health and safety



### Product

#### AERO+, AERO

Fastest odourless laser rubber

- Low odour while engraving
- Very easy to clean
- 52° (Aero+), 60° (Aero) Shore-A

### Size

A4 / 2,3mm

A4 / 5mm

A3 / 2,3mm

A4 / 2,3mm

A3 / 2,3mm

### Color

light grey (850211)

light grey (850211)

light grey (850211)

light grey (850208)

light grey (850208)

### Order Number

131011 (A4) Aero+

144249 (A4) Aero+

130975 (A3) Aero+

34192 (A4) Aero

36877 (A3) Aero



#### TEMPO

Speed laser rubber

- Up to 21% faster than standard laser rubber
- Excellent engraving and imprint quality
- 55° Shore-A

A4 / 2,3mm

orange (850206)

34242



#### ECO

Ecological laser rubber from natural rubber

- Made from 100% natural rubber
- 55° Shore-A
- water-based ink

A4 / 2,3mm

green (850202)

34244



#### CLASSICO

Reliable standard laser rubber

- Solvent-resistant
- 60° Shore-A

A4 / 2,3mm

grey (850205)

34248



#### OLIO

Oil-resistant laser rubber

- No expansion with oil-based inks
- 55° Shore-A

A4 / 2,3mm

black (850203)

34246

# Advertising materials



## Material Features

**Material:** modified acrylic, cast acrylic, wood

**Usage:** advertising materials for your customers to support you with your business

- A key element of Trotec's strategy is helping its customers become more profitable and placing customer needs at the center of its core values
- Now you can order a sample binder with a lot of different materials, colour fans and color chains to present your customers a wide range of high-quality products in different colors
- Order quality samples that your customers can touch and see in person

## TroLase Series Color fans



Product	Size	Order No.
Color fan TroLase		92488
Color fan TroLase Metallic		92489
Color fan TroLase Thins	70 x 30 mm	92490
Color fan TroLase Reverse		92491
Color fan TroLase Metallic Plus		118063

## TroGlass Color chains



Product	Size	Order No.
Color chain TroGlass Color Gloss		117809
Color chain TroGlass Satins		117810
Color chain TroGlass Mirror	50 x 50 mm	146539
Color chain TroGlass Glitter		146140
Color chain TroGlass Pastel		161079
Color chain TroGlass Neon		162833

## More Color fans



Product	Size	Order No.
Color fan MDF Veneer	70 x 30 mm	120783
Color fan Solid Wood	70 x 30 mm	120784
Color fan LaserPaper	100 x 60 mm	139443
Color fan LaserLeather	100 x 60 mm	166204

## Sample Binder



Product	Size	Order No.
<b>Sample Binder Laser</b> (contains real materials of our TroLase and TroGlass Series, Metals and Wood)		99218
<b>Sample Binder Full</b> (contains all from S. B. Laser and additionally the TroPly Series)	250 x 210 mm	99235
<b>Sample Binder without Metals</b> (contains all from S. B. Full except all Metals)		147273

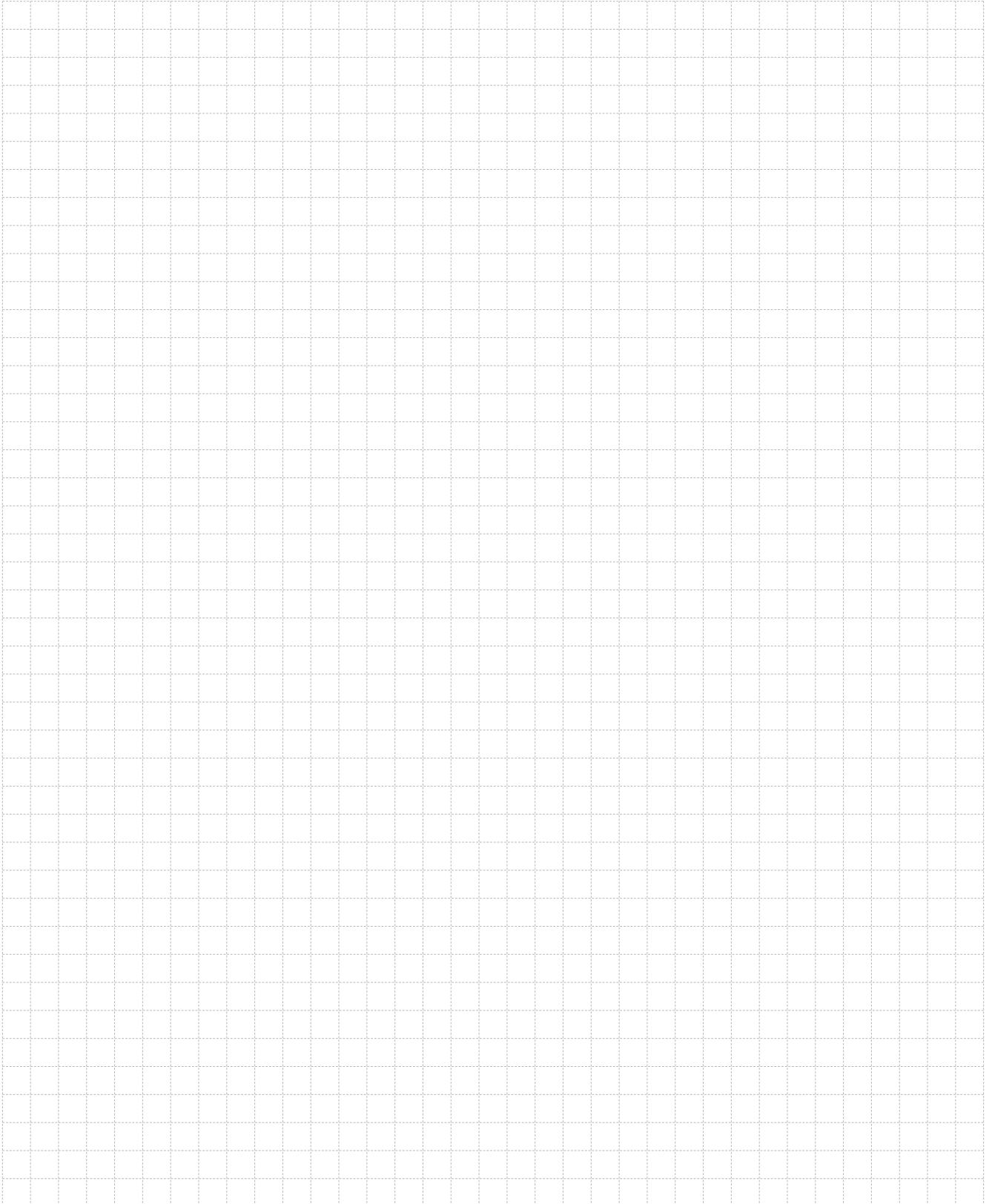


# Notes

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Material		Engraving		Use		Ply			Handling		Scores
		Laser	Mechanical engraving	Exterior	Interior	1	2	3	Front	Reverse engraving (optional colour fill)	
Laser + Rotary	TroLase	6	●	●	●	●	●	●	●		●
	TroLase Metallic	8	●	●	●		●		●		●
	TroLase Metallic Plus	9	●	●	●		●		●		●
	TroLase Reverse	10	●	●	●		●			●	●
	TroLase ADA Signage	11	●	●	●	●			●		●
	TroLase Thins	12	●	●		●	●		●		●
	TroLase Textures	14	●	●	●		●		●		●
	TroLase Lights	15	●	●			●		●		●
	TroLase Foil	16	●	●	●		●		●		●
	LaserFlex	17	●		●	●				●	
Rotary	TroPly	20		●			●		●		●
	TroPly Metallic Plus	21		●			●		●		●
	TroPly Ultra	22		●	●	●	●	●	●		●
	TroPly Ultra Reverse	24		●	●		●			●	●
	TroPly Satins	26		●			●		●		●
Acrylic	TroGlass Color Gloss	30	●	●	●	●			●	○	
	TroGlass Satins	32	●	●	●	●			●	○	
	TroGlass Reverse	34	●	●	●	●			○	●	
	TroGlass Mirror	35	●	●		●			○	●	
	TroGlass Clear	36	●	●	●	●			●	●	
	TroGlass XT	37	●	●	●	●			●	●	
	TroGlitter	38	●	●		●			●	○	
	TroGlass Pastel	39	●	●	●	●			●	●	
	TroGlass Neon	40	●	●	●	●			●	●	
	Metal	Anodized Aluminum	44	●	●	●	●			●	
DuraBlack®		46	●		●	●			●		
AlumaMark®		47	●			●			●		
Stainless Steel		48	●	●	●	●			●		
Wood	Solid Wood	52	●	●		●			●		
	Wood Veneer	53	●	●		●			●		
	Plywood	54	●	●		●			●		
	MDF	55	●	●		●			●		
	TroCraft Eco	56	●			●			●		
	LaserCork	57	●			●			●		
	LaserLeather	59	●				●		●		
Paper	LaserPaper	62	●			●		●			

## Finishing

Finishing										Material			
Saws	Drills	Guillotine	Laser Cutting	Bevels	Hot Bendable	Screen printing	Bonding	ADA Compliant	Hot Stamping				
●	●	●	●	●	●	●	●		●	6	TroLase	Laser + Rotary	
●	●	●	●	●	●	●	●		●	8	TroLase Metallic		
●	●	●	●	●	●	●	●		●	9	TroLase Metallic Plus		
●	●	●	●	●	●	●	●		●	10	TroLase Reverse		
●	●	●	●	●	●	●	●	●	●	11	TroLase ADA Signage		
●	●	●	●			●	●		●	12	TroLase Thins		
●	●	●	●	●	●	●	●		●	14	TroLase Textures		
		●	●				●		●	15	TroLase Lights		
●	●	●	●			●	●		●	16	TroLase Foil		
		●	●							17	LaserFlex		
●	●	●		●	●	●	●		●	20	TroPly		
●	●	●		●	●	●	●		●	21	TroPly Metallic Plus		
●	●	●	●	●	●	●	●		●	22	TroPly Ultra		
●	●	●	●	●	●	●	●		●	24	TroPly Ultra Reverse		
●	●	●		●	●	●	●		●	26	TroPly Satins		
●	●												Acrylic
●	●		●	●	●	●	●		●	30	TroGlass Color Gloss		
●	●		●	●	●	●	●		●	32	TroGlass Satins		
●	●		●	●	●	●	●		●	34	TroGlass Reverse		
●	●		●	●		●	●			35	TroGlass Mirror		
●	●		●	●	●	●	●		●	36	TroGlass Clear		
●	●		●	●	●	●	●		●	37	TroGlass XT		
●	●		●	●	●	●	●		●	38	TroGlitter		
●	●		●	●	●	●	●		●	39	TroGlass Pastel		
●	●		●	●	●	●	●		●	40	TroGlass Neon		
●	●	●		●		●	●			44	Anodized Aluminum	Metal	
●	●	●		●						46	DuraBlack®		
●	●	●		●						47	AlumaMark®		
●	●	●		●		●	●			48	Stainless Steel		
●	●		●	●		●	●			52	Solid Wood	Wood	
●	●		●	●		●	●			53	Wood Veneer		
●	●		●	●		●	●			54	Plywood		
●	●		●	●		●	●			55	MDF		
●	●		●	●		●	●			56	TroCraft Eco		
●			●			●	●			57	LaserCork		
		●	●			●	●			59	LaserLeather		Leather
			●			●	●			62	LaserPaper	Paper	

# Speedy Laser Engraver

Profitability by Design



The Speedy laser engraving and cutting systems are the perfect choice both for entry level users as well as professional engravers. „Speedy“ – the fastest and most productive laser machines in the market: By processing at maximum speed of 4.3 m/sec and acceleration of 5g the Speedy is designed to increase your production efficiency. Thanks to the closed construction, essential components are protected from dirt and dust.

This is why you can operate without virtually any maintenance and cleaning requirements. This results in higher up-time and lowest cost of ownership. All platform sizes from 610 x 305 mm up to 1016 x 610 mm are available with a CO<sub>2</sub>, a fiber or even both laser sources in one laser system. The patented flexx function enables endless application possibilities. Use both laser sources in one job without having to change the laser source, the lenses or the focus manually.



Personalize gifts like bottles or mugs



Finest details on leather items



Engrave signs with Trotec materials

## Expand your business

Speedy Laser Machines are the perfect tool for a variety of materials. Virtually any design can be realized with the laser. For example stamps can be produced within minutes and series production is also significantly streamlined.

Customize honorary prizes such as awards or trophies, personalize promotional items or discover new possibilities to expand your business.

# SP Series

Leading Large Format Laser Cutting



The SP Series is the right choice for large format CO<sub>2</sub> laser cutting systems. The highly efficient flatbed laser plotters are ideal for demanding large format cutting applications in plastics, wood, textiles and many more. Highest laser cutting speed, the four-sides access and Tandem Assist ensure maximum productivity. For the SP series laser cutters Trotec developed a unique, multifunctional table concept.

The ideal table for every application can be selected and replaced easily and quickly. The working areas of SP laser cutters provide enough space for all standard sheet sizes in use today – from 1.245 x 710 mm of the SP500 up to 2.210 x 3.210 mm of the SP3000. Acrylics, textile, paper, cardboard or wooden sheets can be processed efficiently and cost-saving. The SP Series is 100% developed and manufactured in Austria.



Print & cut signs with unusual shapes



Flame-polished result. Cut up to 40mm acrylic.



Laser cutting of MDF furniture.  
Within seconds from design to reality.

## Make your production more efficient

Laser cut displays or POP materials out of acrylics with glass-clear cut edges without additional material finishing. And besides save up to 88% of acrylics processing costs. Use the laser contour cutting of high quality printed materials like acrylics, cardboard or wood.

Whether intricate paper forms, logos or images, the results inspire with incredible detail, precision and quality. Offer new products and services and achieve more profit!

# SpeedMarker Laser marking machines

Created for Automation



The use of the laser markers of the SpeedMarker series leads to enormous productivity, supports automation processes and inspires by the simple handling - both in data preparation and in daily work. The laser processing cells also offer maximum flexibility in terms of size and number of components.

Especially with SpeedMarker 1300, SpeedMarker 1350 and SpeedMarker 1600, individual large or heavy components can be handled just as easily as a large number of small components in trays. Complex marking sequences are efficiently created with the SpeedMark® software thanks to visual programming and predefined program modules. SpeedMarker series for the automated and precise marking of various plastics and metals.



Industrial tags for machines and parts



Code marking on difficult placements



Durable marks a part's lifetime long

## Durable. Economical. Flexible

The use of SpeedMarker marking lasers supports automation processes. Due to the simple laser marking of dynamic data and infinite possibilities in AdvancedScripting®, the SpeedMarker series is exactly the right choice for machine manufacturing, electronic industry and job shoppers.

Individual components as well as large batch sizes are marked with a Galvo laser class 2 system for complete traceability, brand communication or with functional markings.



# Price list

Contact us - we are happy to send you more information and our price list!

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Any color deviations between the images shown in the catalog and actual items are due to electronic depiction or typographical reasons and are not considered mistakes.

Please find our latest product range on our website.

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**trotec**



[www.trotec-materials.com](http://www.trotec-materials.com)