

Laser and Rotary Materials

valid from 2019

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 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



About Trotec

With the production of high end engraving materials, Trotec is setting new standards again. The company's broad line of quality laser engravers, cutters, markers and consumables, combined with its unmatched service and support offerings, have made Trotec one of the industry's leading companies.

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How to read this catalogue

Sheet sizes & Tolerances:

Sheet sizes are indicated in each product group description. Half and quarter sheets are exactly cut to the indicated sizes. 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, TroPly Metallic Plus, TroPly Satins, TroPly Ultra, TroPly Ultra Reverse

Tolerances: width +/- 1,5 mm;
length +/- 3 mm

TroLase Lights

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

TroGlass

Tolerances (according to ISO 7823-1):

gauge 3 mm: +/- 0,7 mm

gauge 4 mm: +/- 0,8 mm

gauge 5 mm: +/- 0,9 mm

gauge 6 mm: +/- 1 mm

gauge 8 mm: +/- 1,2 mm

gauge 10 mm: +/- 1,4 mm

gauge 15 mm: +/- 1,9 mm

gauge 20 mm: +/- 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.



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

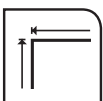
Adhesive backing can be applied on selected materials.



UV print

This material is suitable for UV/digital printing.

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 Series

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.





TroLase



Material Features

Material: modified acrylic, colour coated, 2 ply / 3 ply

Finish: matt, gloss

Engraving depth: 0,08 mm













Cutting method: laser, saw, guillotine

Sheet size: 1/4 1245 x 616 mm
1/2 610 x 610 mm
3/4 610 x 305 mm

- UV-resistant, acrylic based material
- Detailed engraving at high production speed
- Superior composition minimises 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 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 1,6 L842-206 71909



Orange/Black
0,8 L614-203
111627



Blueberry/White
1,6 L542-206
101807



Dark Walnut/White
1,6 L002-206
71512



Red/Black
1,6 L604-206
71835



Navy Blue/White
1,6 L552-206
71796



English Walnut/White
1,6 L192-206
71515



Pink/Black
1,6 L664-206
86593



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



Black/Red
1,6 L406-206
71756



Pink/White
1,6 L662-206
86588



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



Black/Silver
1,6 L413-206
86587



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



Celadon Green/White
1,6 L972-206
71955



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



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



Black/Gold
1,6 L417-206
71759



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



Almond/Black
1,6 L854-206
71911



Gloss Black/Gold
1,6 L427-206
86589



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



**Black/White/
Black**
1,6 L402-306
91641
3,2 L402-309
91645

TroLase Metallic Plus



Material Features

Material: modified acrylic, colour coated, 2 ply

Finish: brushed metal

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size:

1/4	1245 x 616 mm
1/2	610 x 610 mm
3/4	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

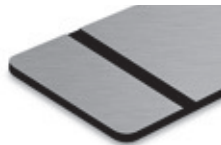


Cut to size service



Brushed Stainless Steel/Black

0,8	LMT+314-203 87112
1,6	LMT+314-206 71615
3,2	LMT+314-209 87106



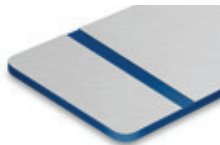
Brushed Bright Nickel/Black

0,8	LMT+364-203 87138
1,6	LMT+364-206 87116
3,2	LMT+364-209 87135



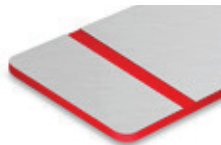
Brushed Copper/Black

0,8	LMT+864-203 87136
1,6	LMT+864-206 87114
3,2	LMT+864-209 87141



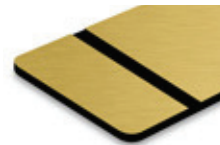
Brushed Stainless Steel/Blue

0,8	LMT+315-203 87137
1,6	LMT+315-206 87117
3,2	LMT+315-209 87139



Brushed Stainless Steel/Red

0,8	LMT+316-203 87145
1,6	LMT+316-206 87118
3,2	LMT+316-209 87146



Brushed Gold/Black

0,8	LMT+764-203 87115
1,6	LMT+764-206 71893
3,2	LMT+764-209 87108

TroLase Metallic



Material Features

Material: modified acrylic, colour coated, 2 ply

Finish: brushed metal, smooth

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size: 1/4 1245 x 616 mm

1/2 610 x 610 mm

3/4 610 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



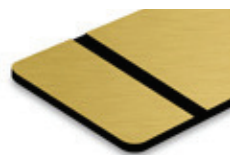
Brushed Aluminium/Black

0,8 LMT354-203
86632
1,6 LMT354-206
71700
3,2 LMT354-209
86634



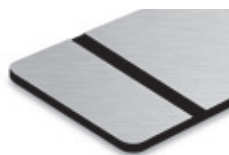
Brushed Copper/Black

0,8 LMT894-203
86660
1,6 LMT894-206
71931



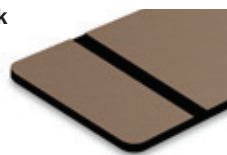
Brushed Gold/Black

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 colour coated, 2 ply

Finish: matt, gloss (gold and silver)

Engraving depth: 0,08 mm

Cutting method: laser, saw

Sheet size: 1/1 1245 x 616 mm
 1/2 610 x 610 mm
 1/4 610 x 305 mm

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

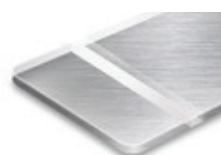
Cut to size service



Matt/Red
 1,6 LR601-206
 71810



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



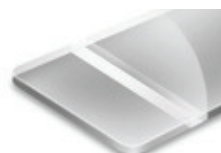
Brushed/Silver
 1,6 LR351-206
 71684



Matt/Burgundy
 1,6 LR621-206
 71849



Matt/Ivory
 1,6 LR221-206
 86557



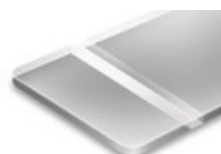
Gloss/Silver
 1,6 LR340-206
 71630



Matt/Blue
 1,6 LR511-206
 71773



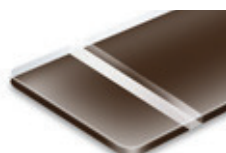
Matt/Black
 0,5 LR401-202
 129011
 1,6 LR401-206
 71732



Matt/Silver
 1,6 LR341-206
 71632



Matt/Navy Blue
 1,6 LR551-206
 71793



Matt/Dark Brown
 1,6 LR841-206
 71905



Matt/Gold
 1,6 LR711-206
 71873



Matt/Green
 1,6 LR931-206
 86556



Matt/Yellow
 1,6 LR701-206
 71853



Gloss/Gold
 1,6 LR710-206
 71872

TroLase ADA Signage



Material Features

Material: modified acrylic, 1 ply

Finish: matt

Cutting method: laser, saw, guillotine

Sheet size: ¼ 1245 x 616 mm
 ¼* 1220 x 610 mm
 ½ 610 x 610 mm
 ¼ 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



Burgundy
 1,6 LS602-106
 71812



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



Silver*
 0,8 LS304-103
 86517
 1,6 LS304-106
 126538



Yellow
 0,8 LS701-103
 86516
 1,6 LS701-106
 86526



Charcoal Grey
 0,8 LS307-103
 71600
 1,6 LS307-106
 71601



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



Green
 0,8 LS901-103
 86535
 1,6 LS901-106
 86523
 3,2 LS901-109
 126542

TroLase Thins



Material Features

Material: modified acrylic, colour coated, 1 ply / 2 ply

Finish: matt, gloss, brushed metal

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

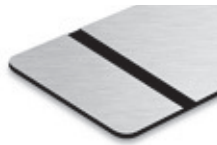
Sheet size: 1/4 1245 x 614 mm
1/2 610 x 610 mm
3/4 610 x 305 mm

- 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 Aluminium/
Black**
0,5 LT354-202
71688



White/Black
0,5 LT204-202
71529



European Gold/Black
0,5 LT754-202
71885



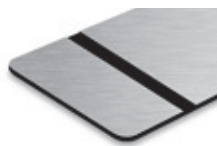
**Brushed Copper/
Black**
0,5 LT894-202
71927



Black/White
0,5 LT402-202
71735



Trophy Gold/Black
0,5 LT794-202
86539



Brushed Silver/Black
0,5 LT334-202
86544



Yellow/Black
0,5 LT744-202
71854



Brushed Bronze/Black
0,5 LT874-202
91643



Trophy Silver/Black
0,5 LT394-202
86541



Red/White
0,5 LT602-202
71814



Deep Bronze/Black
0,5 LT884-202
71917



Smooth Silver/Black
0,5 LT344-202
86543



Blue/White
0,5 LT512-202
71774



Gloss Black/Gold
0,5 LT427-202
71763



Gloss Black/Silver
0,5 LT423-202
71760



Purple/White
0,5 LT582-202
86553



Black/Gold
0,5 LT417-202
71757



Black/Silver
0,5 LT413-202
91642



White single ply
0,5 LT202-102
86542



Celestial Blue/Gold
0,5 LT577-202
86540



Port Wine/Gold
0,5 LT677-202
86552



Black single ply
0,5 LT404-102
86545

TroLase Textures



Material Features

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

Finish: textured matt

Engraving depth: 0,18 mm

Cutting method: laser, saw, guillotine

Sheet size:

1/4	1220 x 610 mm
1/2	610 x 610 mm
3/4	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



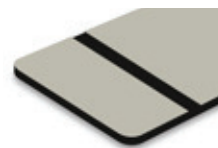
White/Black
1,6 LTX244-206
87316
3,2 LTX244-209
87344



Yellow/Black
1,6 LTX774-206
87330



Sapphire/White
1,6 LTX503-206
87331



Ash Grey/Black
1,6 LTX374-206
87341

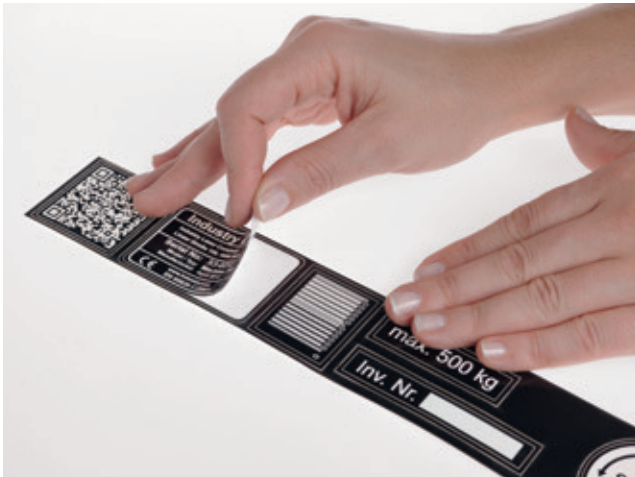


Green/White
1,6 LTX962-206
87338
3,2 LTX962-209
123648



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

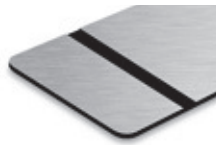
- Highly flexible and robust film with an adhesive coating on the reverse
- Adheres perfectly to various materials such as metals, plastic, rubber, and wood
- Popular material in industry and commerce
- Perfect for labels, stickers, badges as well as for trophy plates



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: matt, 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



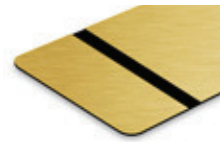
Cut to size service



White/Black
0,2 139687



Green/White
0,2 139691



Gold brushed/Black
0,2 139695



Red/White
0,2 139688



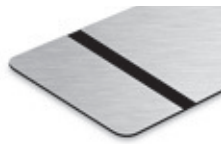
Yellow/Black
0,2 139692



Copper brushed/Black
0,2 139696



Blue/White
0,2 139689



Stainless steel brushed/Black
0,2 139693



Black matt/White
0,2 139685



Light blue/White
0,2 139690



Nickel brushed/Black
0,2 139694



Black glossy/White
0,2 139686

Trotec Digital Print Series



Material Features

Material: modified impact acrylic, 1 ply / 2 ply
pre-treated for superior ink adhesion

Finish: matt and gloss colours, mirrored, radiant and brushed metal

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size: ¼ 1245 x 616 mm
½ 610 x 610 mm
¾ 610 x 305 mm

- Superior ink adhesion for UV and LED printing
- Acrylic core ideal for laser cutting and engraving
- Striking designs with the combination of printing and laser processing
- Metallic finishes give an authentic, brilliant metal look
- Ideal for interior signs, decorative signage, POS displays, badges

Cut to size service



Radiant Silver/Black
1,6 109072



Radiant Gold/Black
1,6 109073



Matt Satin Brass/Black
1,6 107959



Matt Brush Aluminium/Black
1,6 107960



Mirror Gold/Black
1,6 117421



Mirror Silver/Black
1,6 117422



Matt White
1,6 108216



Matt White/Black
1,6 107956



Matt White/Red
1,6 107957



Matt White/Blue
1,6 107958



Matt Black/White
1,6 108371



Matt Red/White
1,6 108372



Gloss White
1,6 107952



Gloss White/Black
1,6 107953



Gloss White/Red
1,6 107954



Gloss White/Blue
1,6 107955

LaserFlex



Material Features

Material: polyurethan foil on transfer film

Finish: matt

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

Tips

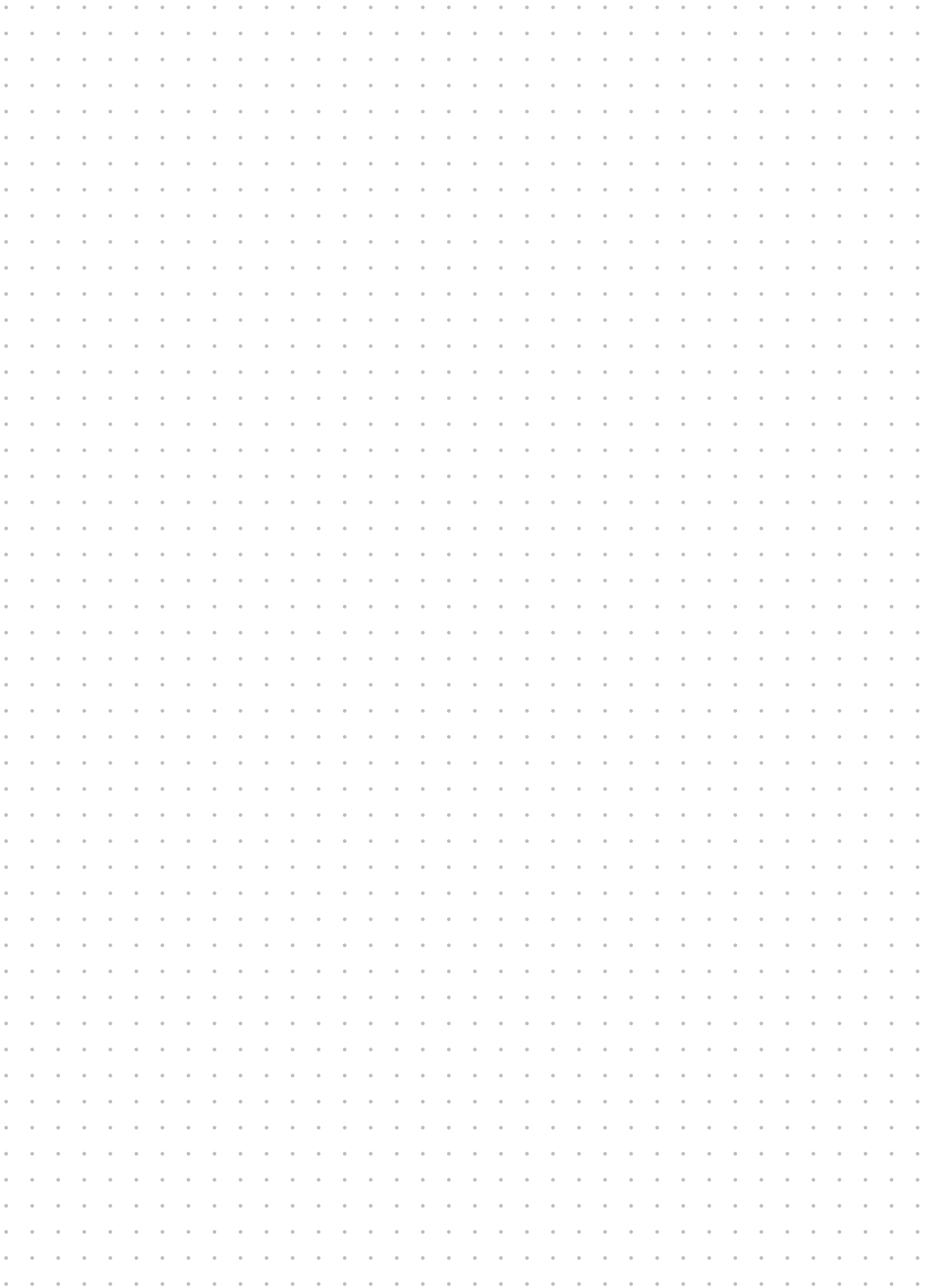
LaserFlex has been specially designed to not only be cut but also to be weeded by laser. This means that it is no longer necessary to mechanically remove excess material between graphics and letters or along edges.

Recommended transfer conditions:

- Temperature: 175 °C
- Duration: 60 seconds

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

Notes



TroPly Series

Our rotary engraving materials feature 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.



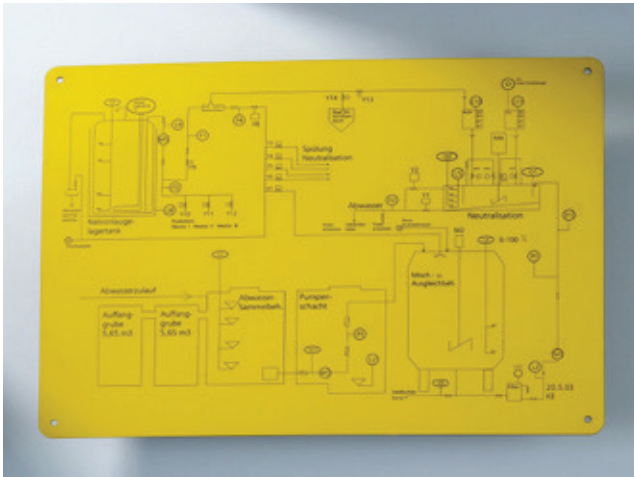


Karine Louis



Café Vis à Vis
Resto Lounge & Coffee bar

TroPly



Material Features

Material: ABS, 2 / 3 ply

Finish: matt

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



	White/Red 1,6 P206-206 71575		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 0,8 P602-203 ● 86683 ● 1,6 P602-206 71818		Blue/White 0,8 P512-203 ● 86691 ● 1,6 P512-206 71777		Black/White 0,8 P402-203 86665 1,6 P402-206 71742
	Burgundy/White 0,8 P622-203 ● 87087 ● 1,6 P622-206 ● 71851 ●		Blue/Bright White 1,6 P572-206 ● 87102 ●		White/Pine Green 1,6 P269-206 71597
	Red/Bright White 0,8 P642-203 87098 1,6 P642-206 87100		Navy Blue/White 1,6 P552-206 71795		White/Blue 1,6 P205-206 71560

● Please contact your Trotec distributor to check availability and delivery dates



Orange/White
 0,8 P612-203 ●
 86692 ●
 1,6 P612-206
 71838



Green/White
 0,8 P932-203 ●
 86701 ●
 1,6 P932-206
 71940



Ivory/Dark Brown
 1,6 P228-206
 86677



Yellow/Red
 1,6 P706-206 ●
 86826 ●



Pine Green/White
 1,6 P912-206
 71935



Almond/Black
 0,8 P854-203 ●
 86832 ●
 1,6 P854-206
 71910



Purple/White
 0,8 P582-203 ●
 86929 ●
 1,6 P582-206 ●
 71803 ●



Medium Brown/White
 1,6 P822-206 ●
 71902 ●



Smoke Grey/White
 0,8 P312-203 ●
 86823 ●
 1,6 P312-206
 71612



Pink/White
 1,6 P662-206 ●
 87103 ●



Dark Brown/White
 1,6 P842-206 ●
 71907 ●



Light Grey/Black
 1,6 P324-206 ●
 71618 ●



Pink/Black
 1,6 P664-206 ●
 86817 ●



Dark Walnut/White
 1,6 P002-206 ●
 86890 ●



White/Green
 1,6 P209-206 ●
 86687 ●



Light Blue/White
 1,6 P706-206
 71799



Sapphire/White
 1,6 P502-206
 71770



Black/Bright White
 1,6 P412-206
 86819



Black/White/Black
 3,2 P402-309 ●
 71754 ●



Red/White/Red
 3,2 P602-309
 71833



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



Blue/White/Blue
 3,2 P512-309 ●
 71786 ●

● Please contact your Trotec distributor to check availability and delivery dates

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: 1/1 1245 x 616 mm
 1/2 610 x 610 mm
 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

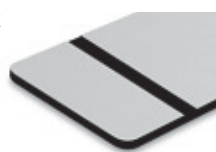
Cut to size service



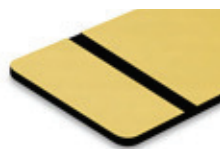
Brushed Gold/Black
 1,6 PMT+734-206
 71880



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



Smooth Silver/Black
 1,6 PMT+344-206
 71644



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



Gold/Black
 1,6 PMT+714-206
 71877



Brushed Aluminium/Black
 1,6 PMT+354-206
 71699
 2,4 PMT+354-207
 87157

TroPly Metallic





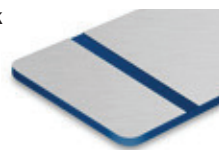







Material Features

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

- Characterised by a precious metal look
- Provides the lustre of a real metal with a contrasting core
- The foil surface enables fine line detail and cost effective processing
- Perfect for trophies, gifts and awards

Cut to size service



	Brushed Gold/Black 0,8 PMT734-203 87263 1,6 PMT734-206 71879		Brushed Silver/Black 0,8 PMT334-203 87284 1,6 PMT334-206 71622		Brushed Aluminium/Blue 1,6 PMT325-206 ● 87305 ●
	Brushed Europ. Gold/Black 0,8 PMT754-203 87265 1,6 PMT754-206 71887		Smooth Silver/Black 0,8 PMT344-203 87264 1,6 PMT344-206 71643		Brushed Copper/Black 0,8 PMT894-203 ● 87306 ● 1,6 PMT894-206 71930
	Smooth Gold/Black 0,8 PMT714-203 87288 1,6 PMT714-206 71876		Brushed Aluminium/Black 0,8 PMT354-203 87285 1,6 PMT354-206 71691		Brushed Bronze/White 1,6 PMT872-206 ● 87314 ●
	Brushed Gold/Blue 1,6 PMT725-206 ● 87294 ●				

● Please contact your Trotec distributor to check availability and delivery dates

TroPly Satins



Material Features

Material: acrylic cap / ABS core, 2 ply / 3 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, name plates, 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
 0,8 PS204-203
 91741
 1,6 PS204-206
 91744



Black/White
 1,6 PS402-206
 91747



White/Red
 1,6 PS206-206
 91749



Red/Black
 1,6 PS604-206
 91752



Grey/Black
 1,6 PS304-206
 91748



White/Green
 1,6 PS209-206
 91756



Green/White
 1,6 PS932-206
 91755



Airforce Blue/White
 1,6 PS532-206
 91753



Orange/White
 1,6 PS612-206
 91757



Orange/Black
 1,6 PS614-206
 91751



Red/White/Red
3,2 PS602-309
91764



White/Black/White
3,2 PS234-309
91763



Blue/White/Blue
3,2 PS512-309
91761



Yellow/Black/Yellow
3,2 PS704-309
91762



Green/White/Green
3,2 PS932-309
91768



Black/White/Black
3,2 PS402-309
91765

TroPly Ultra



Material Features

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

Finish: matt, gloss

Engraving depth: 0,30 mm

Cutting method: saw

Sheet size: 1/4 1220 x 610 mm
 1/2 610 x 610 mm
 3/4 610 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



matt



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



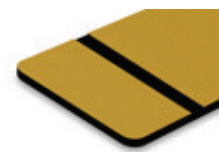
Black/White
 1,6 PU402-206
 91718
 3,2 PU402-209
 91731



Ruby/White
 3,2 PU632-209
 91735



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



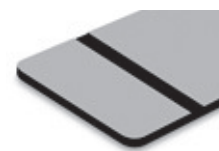
Vintage Gold/Black
 1,6 PU774-206
 91720



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
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

3 ply 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: matt, gloss

Engraving depth: 0,30 mm

Cutting method: saw

Sheet size: ¼ 1220 x 610 mm
½ 610 x 610 mm
¾ 610 x 305 mm

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



Cut to size service



matt



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



Matt/Yellow
1,6 PUR701-206 ●
91709 ●



Matt/Green
1,6 PUR911-206 ●
91704 ●



Matt/Vintage Silver
1,6 PUR371-206
91703



Matt/Sapphire
1,6 PUR561-206
91702



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



Matt/Gold
1,6 PUR731-206 ●
94197 ●



Matt/Blue
1,6 PUR511-206 ●
94195 ●



Matt/Red
1,6 PUR601-206 ●
91707 ●



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



Matt/Airforce Blue
1,6 PUR541-206 ●
91705 ●



Matt/Burgundy
1,6 PUR631-206 ●
91706 ●

● Please contact your Trotec distributor to check availability and delivery dates

gloss



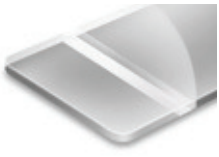
Clear/White
 1,6 PHR200-206
 91771
 3,2 PHR200-209
 91777



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/Blue
 1,6 PHR510-206 ●
 101588 ●
 3,2 PHR510-209
 91788



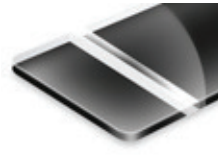
Clear/Teal Green
 3,2 PHR910-209
 91786



Clear /Gold
 1,6 PHR750-206 ●
 94192 ●
 3,2 PHR750-209
 94194



Clear/Sapphire
 3,2 PHR560-209
 91783



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



Clear/Ivory
 3,2 PHR230-209
 91782



Clear/Airforce Blue
 1,6 PHR540-206 ●
 91774 ●
 3,2 PHR540-209
 91781



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



Clear/Burgundy
 3,2 PHR630-209
 91785

● Please contact your Trotec distributor to check availability and delivery dates

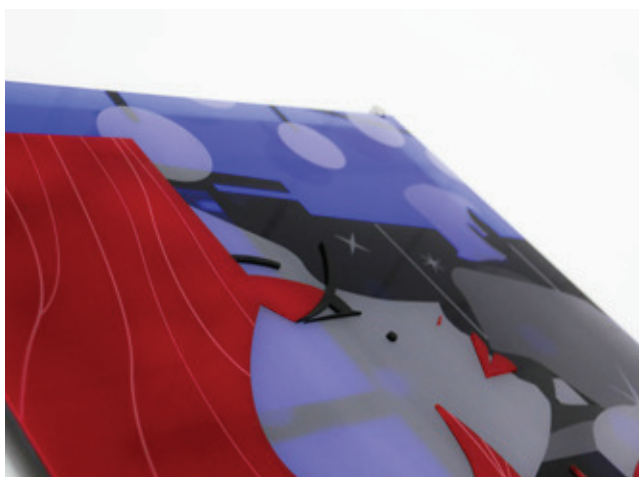
TroGlass Series

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.





TroGlass Color Gloss



Material Features

Material: cast acrylic

Finish: gloss

Translucency: transparent, fluorescent, translucent, non-transparent

Cutting method: laser, saw

Sheet size: ¼ 1216 x 606 mm (metallic: 1224 x 610 mm)
 ½ 606 x 606 mm (metallic: 610 x 610 mm)
 ¾ 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 transparent
3,0 117131



Ice Blue transparent
3,0 117132



Yellow transparent
3,0 117129



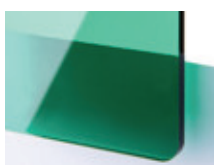
Green transparent
3,0 117139



Blue transparent
3,0 117133



Orange transparent
3,0 117130



Dark Green transparent
3,0 117140

Tips

- 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



Yellow fluorescent
3,0 117134



Red fluorescent
3,0 117136



Ice Blue fluorescent
3,0 117138



Orange fluorescent
3,0 117135



Green fluorescent
3,0 117137

opal



White translucent
3,0 117069



Fuchsia translucent
3,0 117105



Lilac translucent
3,0 117141



Yellow translucent
3,0 117071



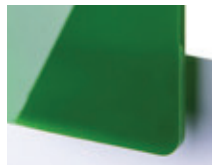
Green translucent
3,0 117123



White
3,0 117070



Orange translucent
3,0 117103



Dark Green translucent
3,0 117124



Grey
3,0 117127



Red translucent
3,0 117104



Sky Blue translucent
3,0 117125



Black
3,0 117128



Carmine Red translucent
3,0 117142



Blue translucent
3,0 117126

metallic outdoor use



Metallic Gold
3,0 129875



Metallic Silver
3,0 129877

metallic indoor use



Metallic Bright Silver
3,0 129878



Metallic Anthracite-Silver
3,0 129879

TroGlass Satins

















Material Features

Material: cast acrylic
Finish: matt
Translucency: translucent, non-transparent
Cutting method: laser, saw
Sheet sizes: 1/1 1216 x 606 mm
 1/2 606 x 606 mm
 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 backlighted signs, POS displays, interior design

Cut to size service



	Clear 3,0 117034		Red translucent 3,0 117038		Ice Blue translucent 3,0 117039
	Yellow translucent 3,0 117052		Light Pink translucent 3,0 117037		Blue translucent 3,0 117040
	Orange translucent 3,0 117036		Fuchsia translucent 3,0 117068		Aquamarine translucent 3,0 117035
	Bright Orange translucent 3,0 117054		Violet translucent 3,0 117041		Lemon Green translucent 3,0 117057
	White 3,0 117055		Black 3,0 117059		

TroGlass Duo



Material Features

Material: cast acrylic

Finish: one side matt, one side gloss

Translucency: translucent

Cutting method: laser, saw

Sheet sizes: 1/1 1216 x 606 mm
1/2 606 x 606 mm
1/4 606 x 301 mm

- Flexibility of use due to one gloss and one matt side
- Night and Day changes colour when backlighted:
 - Black - when no light from the back
 - Bright - with the backlight turned on
- Ideal for illumination and backlighted signs, outdoor signage backlighted at night, visual communication, interior design



Cut to size service



Clear
3,0 117144



Night and Day
3,0 117147



White
3,0 117145



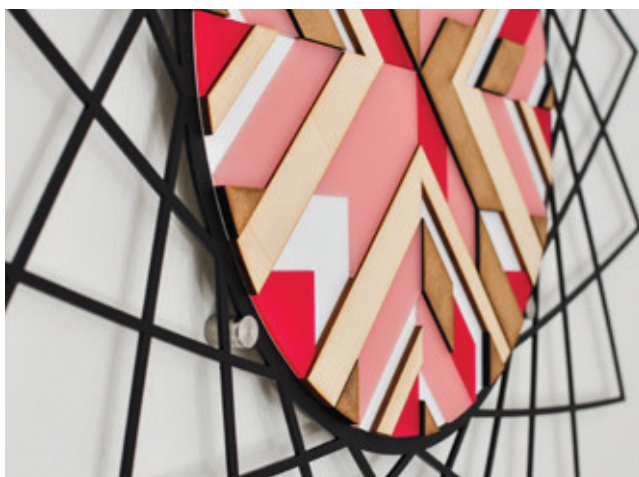
Black
3,0 117148

Tips

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

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

TroGlass Frosted



Material Features

Material: cast acrylic
Finish: matt, sandblasted texture
Translucency: translucent
Cutting method: laser, saw
Sheet sizes: 1/1 1216 x 606 mm
 1/2 606 x 606 mm
 1/4 606 x 301 mm

- Heavy-duty cast acrylic glass
- Matt, roughly structured surface on both sides
- Allows applications where higher material strength and robustness are required
- Ideal for illumination and backlit signs, displays, shop fitting, interior design

Cut to size service



White
3,0 117207



Light Pink
3,0 117190



Ice Blue
3,0 117187



Light Yellow
3,0 117205



Fuchsia
3,0 117191



Lilac
3,0 117204



Orange
3,0 117203



Mint Green
3,0 117206



Blue
3,0 117188



Red
3,0 117202



Green
3,0 117189

TroGlass LED



Material Features

Material: cast acrylic

Finish: matt, gloss

Translucency: translucent

Cutting method: laser, saw

Sheet size: 1/1 1216 x 606 mm
 1/2 606 x 606 mm
 1/4 606 x 301 mm

- Optimised to LED light waves
- Allows high light transmission and strong light diffusion
- Typical "spot effects" are eliminated
- Ideal for illumination and backlit signs, POP displays, shop fitting and interior design



Cut to size service



White matt
3,0 117208



Orange
3,0 117210



Green
3,0 117212



White
3,0 117209



Red
3,0 117211



Blue
3,0 117213

Tips

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

- Colours are formulated to meet the wavelength of LEDs: the sheets maintain the same colour 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:

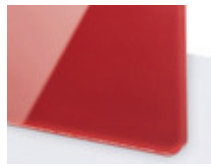
1/1	1220 x 610 mm
1/2	600 x 600 mm
1/4	600 x 300 mm

- 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



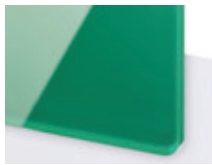
Gloss/White
3,0 TG4-200
 20625
5,0 TG5-200
 20632



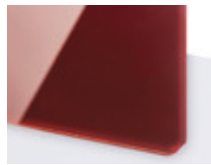
Gloss/Red
3,0 TG4-600
 20630
5,0 TG5-600
 20636



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/Burgundy
3,0 TG4-620
 119379
5,0 TG5-620
 119380



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
 132130
5,0 TG5-330



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 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
3, 4, 5:	1216 x 606	606 x 606	606 x 301
6, 8, 10, 15, 20:	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
3,0 121800



Clear
5,0 121862



Clear
6,0 121863



Clear
10,0 121867



Clear
15,0 121868



Clear
4,0 121801



Clear
8,0 121865



Clear
20,0 121869

TroGlass Mirror



Material Features

Material: extruded acrylic

Finish: gloss

Cutting method: laser, saw

Sheet size: 1/4 1220 x 610 mm
1/2 608 x 610 mm
3/4 608 x 303 mm

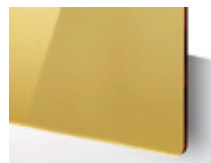
- TroGlass Mirror is an extruded acrylic glass with a reflective surface
- Perfect alternative to real glass mirror because they are lighter and have a higher breakage resistance
- Mirror-inverted engraving on the reverse side
- Used for wall decorations, jewellery, displays, interior design, ..



Cut to size service



Silver
2,9 144081



Gold
2,9 144142



Rosé gold
2,9 144143

TroGlitter



Material Features

Material: cast acrylic

Finish: gloss

Cutting method: laser, saw

Sheet size: 1/4 1030 x 610 mm
1/2 513 x 610 mm
3/4 513 x 303 mm

- TroGlitter is a cast acrylic that is mixed with glitter particles
- Wide opportunities for creative minds and designers, new visual effects possible
- Material is colour stable with no bleaching or fading
- Ideal for sales displays, novelties or even lettering applications



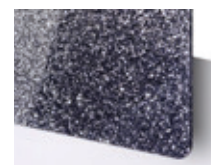
Cut to size service



Silver
3,0 144640



Dark red
3,0 144643



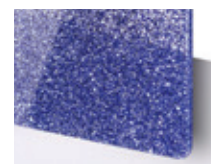
Black
3,0 144645



Gold
3,0 144641



Pink
3,0 144644



Blue
3,0 144646

Metal

Trotec offers metal products for both laser engraving and mechanical engraving. One product group is the anodised aluminium, 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 colours and also with a matt or a gloss surface.





Anodised Aluminium



Material Features

Material: anodised aluminium

Finish: matt, gloss

Cutting method: saw, guillotine

Sheet size: 1000 x 500 mm

- Suitable for both for engraving with a CO₂ laser and with mechanical engraving devices
- Image contrast is caused by the removal of the coloured coating and almost photographic qualities can be achieved (surface qualities are only guaranteed for the top side)
- Please consider that the Standard Line is less robust due to the thinner anodised coating
- Typical applications are type plates, signs with advertising impact and ID tags



Cut to size service



Premium Line

Aluminium Satin Silver matt

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



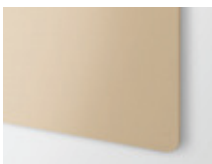
Black matt

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



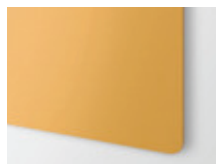
Green matt

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



Nickel Silver matt

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



Gold matt

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



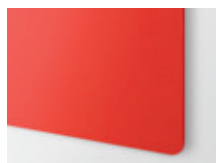
Blue matt

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



Stainless Steel matt

1,0	30110-90
	<u>12659</u>
1,5	30115-90
	<u>4603</u>
2,0	30120-90
	<u>13667</u>



Red matt

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



**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



**Standard
black**
1,0 122786

DuraBlack®



Material Features

Material: anodised aluminium

Finish: matt

Cutting method: saw, guillotine

Sheet size: 508 x 609 mm

- Coated aluminium with a black surface
- Can be marked in white with a CO₂ 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 matt
0,5 77795

AlumaMark®



Material Features

Material: anodised aluminium

Finish: matt

Cutting method: saw, guillotine

Sheet size: ⁽¹⁾ 508 x 609 mm

⁽²⁾ 305 x 508 mm

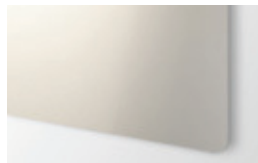
- Coated aluminium
- Can be marked in black with a CO₂ laser
- Even lower laser power levels can create a high-contrast engraving
- Typically used for interior signs, name plates, badges, trophy signs and labels



Cut to size service



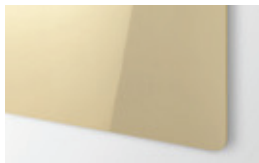
Satin Gold ⁽¹⁾
0,5 3948



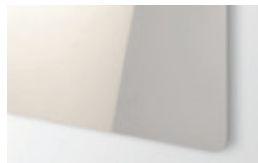
Satin Silver ⁽¹⁾
0,5 3947



Satin Bronze ⁽²⁾
0,5 47629



Mirror Gold ⁽²⁾
0,5 47639



Mirror Silver ⁽²⁾
0,5 47638



Satin Brass ⁽²⁾
0,5 47630

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 CO₂ 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
1,0 123717

Cut-to-Size Description and Options



Round Corners
 Radius: 2, 3, 4, 5, 6, 8, 10 and 12 mm



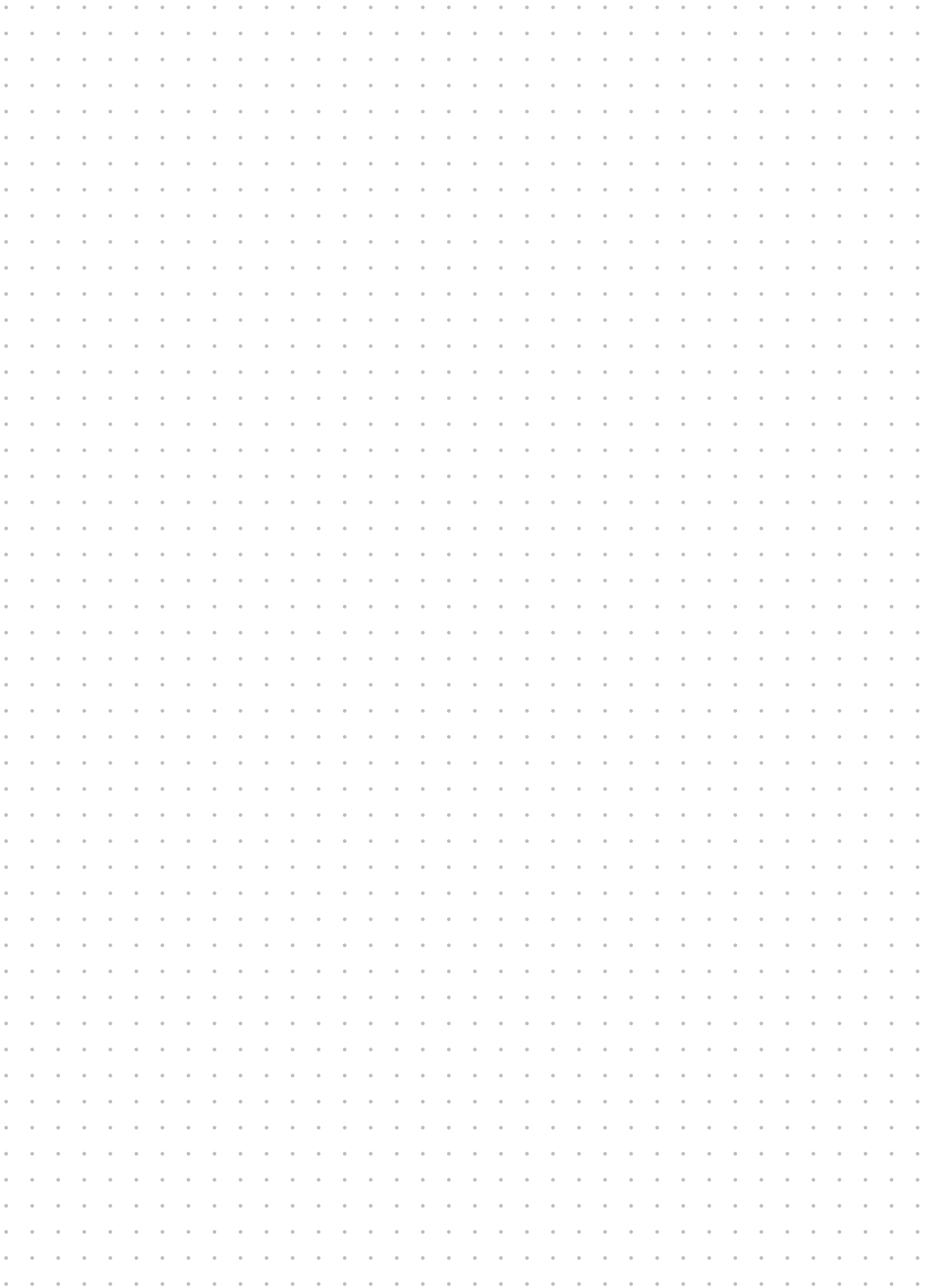
Holes punched
 Diameter: 1 mm to 10 mm in steps of 0,5 mm



Position on carrier foil
 Cut items can be positioned on a carrier foil upon request. This allows an easy and fast placement also for a high number of pieces in the laser machine. It is a very cost and time saving opportunity for our customers.

Special shapes or laser-cut can be produced upon request. Please contact our customer service for detailed information regarding options and costs.

Notes



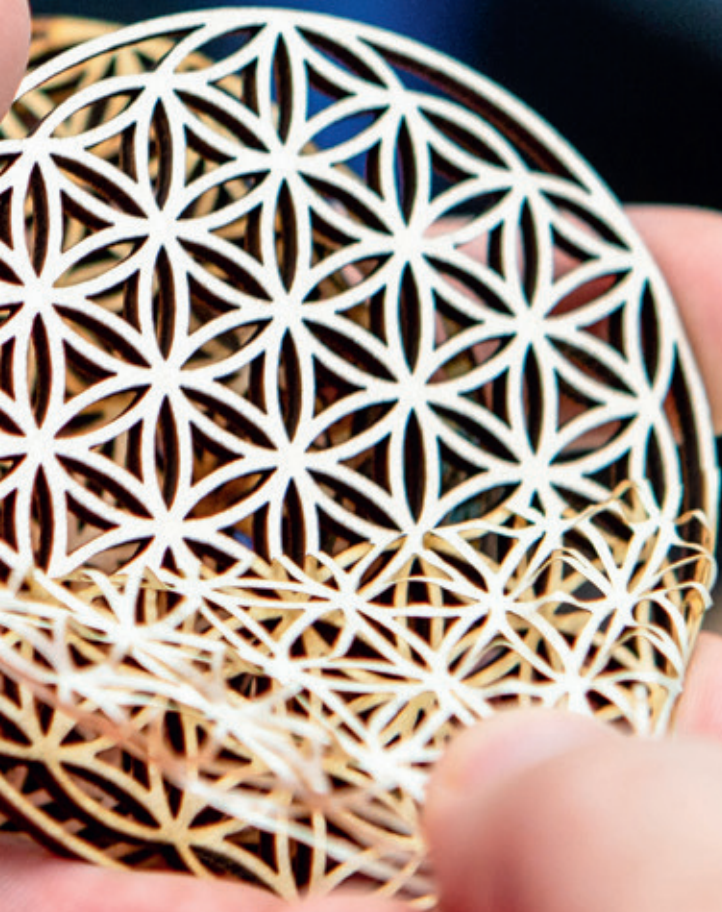
Wood

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.





Solid Wood



Material Features

Material: solid wood

Finish: oiled, matt

Cutting method: saw, laser

Sheet size: 600 x 300 mm
300 x 100 mm (pack of 20)

- Available in five luxurious finishes
- Ideally suited for the requirements of laser processing
- Smooth, matt oiled 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
600 x 300 x 5 120182
300 x 100 x 5 120166



Oak
600 x 300 x 5 120183
300 x 100 x 5 120167



Cherry
600 x 300 x 5 120185
300 x 100 x 5 120170



Walnut
600 x 300 x 5 120186
300 x 100 x 5 120171



Alder
600 x 300 x 5 120184
300 x 100 x 5 120169
300 x 100 x 3 120168

Wood Veneer



Material Features

Material: veneered wood sheets
Finish: oiled, matt
Cutting method: saw, laser
Sheet size: 600 x 300 mm

- Formaldehyde free fibre board core
- Real wood laminated on either side
- Elegant oiled and matt surface
- Suitable for interior signs, gifts, architectural model making, arts and crafts



Cut to size service



Cherry
3,0 119801



Cedar
3,0 119953



Maple
3,0 119798



Birch
3,0 119800



Bamboo
3,0 119799



Walnut
3,0 119952

Plywood



Material Features

Material: plywood poplar

Finish: untreated

Cutting method: saw, laser

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

300 x 300 mm (pack of 10)

- Made from softwood
- Combines lightweight characteristics with improved dimensional stability
- Untreated, bright surface
- Ideal for architectural model making, prototyping, giftware, toys, arts and crafts, furniture



Cut to size service



600 x 300 mm
3,0 68987
6,0 68990



300 x 300 mm
3,0 68988

Tips

We recommend that you allow time for the wood to acclimatise to its new environment before processing. Ideally maintain in an area with constant temperature/humidity.

MDF



Material Features

Material: MDF

Finish: untreated

Cutting method: saw, laser

Sheet size: 1220 x 600 mm

600 x 300 mm (pack of 10)

300 x 300 mm (pack of 10)

- High surface quality
- 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



300 x 300 mm
3,0 68997
6,0 119956

Tips

We recommend that you allow time for the wood to acclimatise to its new environment before processing. Ideally maintain 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, packaging unit 5 pieces

- TroCraft Eco – laser material made of recyclable resources
- Made from pure cellulose fibre
- Produced without using additives, is fully biodegradable and emission-free
- Create sustainable toys, interiors or applications for furniture making, vehicle construction and tool making

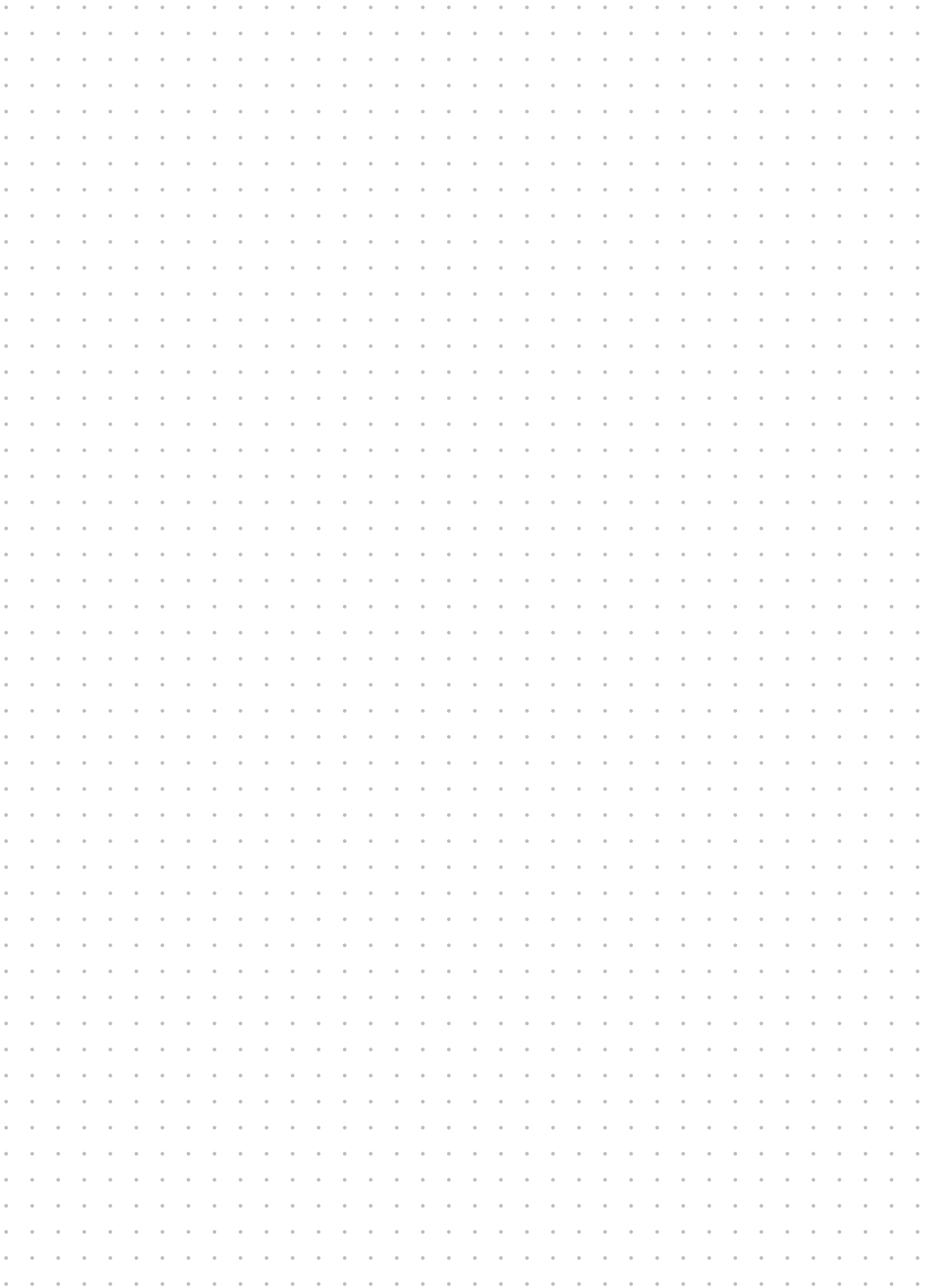


Cut to size service



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

Notes



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, greeting cards and more.





LaserPaper Colors



Material Features

Material: paper
Finish: matt
Sheet size: DIN A3
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>Metals Galvanised 300 g/m² 132545</p>		<p>Cottage Red 300 g/m² 132552</p>		<p>Black 380 g/m² 132547</p>
	<p>Metals Gold Leaf 300 g/m² 132546</p>		<p>Blue 250 g/m² 132548</p>		<p>Slate Grey 300 g/m² 132551</p>
	<p>Tangerine 300 g/m² 132550</p>		<p>Dark Blue 270 g/m² 132544</p>		

LaserPaper Wood



Material Features

Material: real Maple or Cherry wood on paper backing

Finish: matt

Sheet size: 480 x 330 mm

Package quantity: 10 per pack

- Features a real wood surface with a white cardstock 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



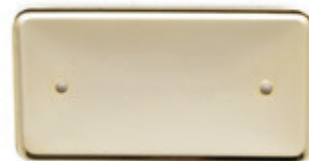
Maple Wood Veneer
305 g/m² 132542



Cherry Wood Veneer
305 g/m² 132543

Accessories

One-stop-shop: In Trotec's accessories range you will find engraving supplies that make your daily work easier. Grow your business by personalising gifts and ready-made products for your customers. We are constantly expanding this product range, please check our web shop for the latest additions.





Aluminum Tags (Pet tags, Rounds)



Material Features

Material: anodised aluminium (except military tag stainless steel)

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

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 aluminium core will appear in silver
- Create a personalised label
- Ideal as a gift, giveaway or a souvenir

Heart with hole



Small: 20 x 22 mm
Hole size approx. 3,0 mm
Large: 38 x 32 mm
Hole size approx. 3,0 mm

Colour	Order No. small	Order No. 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

Heart with loop



Small: 25 x 26 mm
Hole size approx. 3,0 mm
Large: 31 x 32 mm
Hole size approx. 3,5 mm

Colour	Order No. small	Order No. large
black	122134	122163
blue	122135	122165
red	122137	122166
gold	122138	122167
green	122139	122168
pink	122140	122169
violet	122141	122170
silver	122162	122171

Round with loop



Diameter 27 mm
Hole size approx. 3,0 mm

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

Round with hole



Small: Diameter 25 mm
Hole size approx. 3,0 mm
Large: diameter 32 mm
Hole size approx. 3,5 mm

Colour	Order No.	Order No.
	small	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 31 mm
Hole size approx. 2,5 mm
Large: 40 x 28 mm
Hole size approx. 3,5 mm

Colour	Order No.	Order No.
	small	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

Cat face



22 x 23 mm
Hole size approx. 2,5 mm

Colour	Order No.
black	122213
blue	122214
red	122217
gold	122218
green	122219
pink	122220
violet	122221
silver	122222

Dog face



21 x 24 mm
Hole size approx. 2,5 mm

Colour	Order No.
black	122226
blue	122227
red	122228
gold	122229
green	122230
pink	122231
violet	122232
silver	122233

Military tag



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

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

Signage Mounting Devices



Material Features

Material: solid stainless steel

Finish: matt

- 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 matt, round, flat head, left-hand thread



Product	Size	Package options*	Order No.
R15-15-FL	Ø 15mm, wall distance 15 mm, sign hole 11 mm Thickness of sign 2 – 5 mm	4 pieces, mounting screws Pack of 50 pieces	128994 129000
R20-20-FL	Ø 20mm, wall distance 20 mm, sign hole 13 mm, Thickness of sign 3 – 18 mm	4 pieces, mounting screws Pack of 50 pieces	128999 129005

Distance holder S15-15-FK and S25-25-FK

Stainless matt, square, flat head, hex key fixing



Product	Size	Package options*	Order No.
S15-15-FK	Ø 15 mm, wall distance 15 mm, sign hole 11 mm Thickness of sign 2 – 5 mm	4 pieces, mounting screws + hex key Pack of 50 pieces	128998 129004
S25-25-FK	Ø 25 mm, wall distance 25 mm, sign hole 16 mm, Thickness of sign 2 – 10 mm	4 pieces, mounting screws + hex key Pack of 25 pieces	128997 129003

Distance holder E16-16-FK

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



Product	Size	Package options*	Order No.
E16-16-FK	Ø 16 mm, wall distance 16 mm, Thickness of sign 3 mm	4 pieces, mounting screws + hex key	128995
		Pack of 50 pieces	129001

Distance holder R20-15-FK

Stainless matt, round, flat head, hex key fixing



Product	Size	Package options*	Order No.
R20-15-FK	Ø 15 mm, wall distance 20 mm, sign hole 11 mm	4 pieces, mounting screws + hex key	128996
	Thickness of sign 1 – 12 mm	Pack of 50 pieces	129002

Screw caps

Stainless matt, round screw cap, left-hand thread



Product	Size	Package options	Order No.
R10/3-FL	Ø 10 mm, screw size 3 mm	Pack of 20 pieces	129006
R15/3.5-FL	Ø 15 mm, screw size 3,5 mm	incl. screw-holder + cap	129007
R18/4.5-FL	Ø 18 mm, screw size 4,5 mm		129008

Tips

*Package options:

Please consider that pack of 25 and 50 pieces are without mounting screws or hex keys.

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), CO₂ 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
	markSolid Paste Metal 015	200 g	84577
	markSolid Paste Metal 015	500 g	84578
	CerMark LMM 6000	250 g	48391
	CerMark LMM 6000	50 g	49852
tape	LMM 6018 Tape	25 mm x 15 metres	58243
	LMM 6018 Tape	50 mm x 15 metres	64752

* Spray not recommended for airfreight

Laser marking glass and ceramics

	Product	Size	Order No.
liquid	markSolid Liquid Glass/Ceramic 590 to be applied by airbrush	100 g	110202

How to use laser marking solutions



1. Preparation

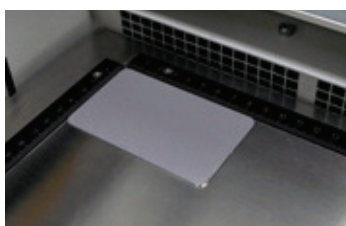
- **Surface Cleaning:** Product needs to be applied directly on the blank surface (metal, glass, ceramic). The surface has to be dry and clean, free of dust, grease, silicone, etc.
- **Spray:** Shake the spray well to make sure solid sediments are dissolved.
- **Pastes:** Dilute the paste with ethanol (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 CO₂ 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.

Tips

- 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
markSolid Paste Metal 015 50 g, 100 g, 200 g, 500 g	Black marking on blank metal (stainless steel, brass, etc.) Paste is suitable for application by brush, especially for smaller areas, or by airbrush.
markSolid Spray Metal 114* 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.
markSolid Liquid Glass/Ceramic 590 100 g	Black marking on glass and ceramic Liquid can be applied using an airbrush.

Name Badge Holders



Material Features

Material: metallic plate

Finish: gloss

Package quantity: 20 pieces

- Offer your customers an extra service by providing finished badge fixing solutions
- Engrave name signs and use adhesive to apply them to the name badge holders
- Order the badge holders with or without the pre-fixed pin option, which is used to fix a name badge holder on a jacket or shirt
- Sizes refer to the application field for the engraved name sign

Badge holders – plain



Size	Colour	Order No.
12,5 x 63 mm	Gold	123621
	Silver	123642
23,5 x 74 mm	Gold	123643
	Silver	123644
34,5 x 69,5 mm	Gold	123645
	Silver	123646

Badge holders – pin



Size	Colour	Order No.
12,5 x 63 mm	Gold	123618
	Silver	123620

Pins and Magnets



Size	Description	Order No.
42 x 7,5 mm	Pin white with adhesive	3603
61 x 9,5 mm	Pin with clutch and adhesive	9881



45 x 13 mm	Magnet large	3611
33 x 12 mm	Magnet small	12635

Colour Fillings













Material Features

Material: highly versatile, water-based acrylic colours

Usage: all colours 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 colours and create long-lasting, colourful, multi-colour signs
- Offer excellent light-fastness, permanence, durability and covering power
- Create colour effects with individually mixed colours

Acrylic Paint

	Colour	Size / Can	Order Number
	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
	Green	59 ml	146485

Rounds



Material Features

Material: aluminium, plastic

Finish: gloss, matt

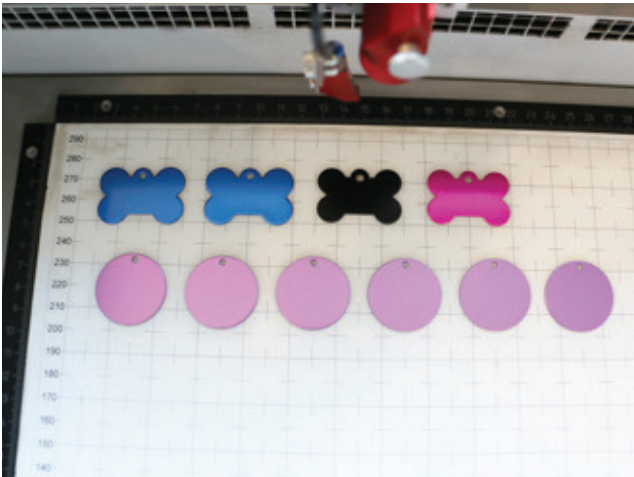
Size: 20 mm / 25 mm / 30 mm / 35 mm / 40 mm / 50 mm diameter

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	Colour
Aluminium natural matt 1,0 mm thickness	20 mm	natural
	25 mm	natural
	30 mm	natural
	35 mm	natural
	40 mm	natural
	50 mm	natural
Aluminium natural gloss 1,0 mm thickness	20 mm	natural
	25 mm	natural
	30 mm	natural
	35 mm	natural
	40 mm	natural
	50 mm	natural
Aluminium coloured matt 1,0 mm thickness	20 mm	coloured
	25 mm	coloured
	30 mm	coloured
	35 mm	coloured
	40 mm	coloured
	50 mm	coloured
Aluminium coloured gloss 1,0 mm thickness	20 mm	coloured
	25 mm	coloured
	30 mm	coloured
	35 mm	coloured
	40 mm	coloured
	50 mm	coloured
Plastic: TroPly and TroPly Metallic 1,6 mm thickness	20 mm	coloured
	25 mm	coloured
	30 mm	coloured
	35 mm	coloured
	40 mm	coloured
	50 mm	coloured

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	Size
Seklema 67064	1200 x 600 x 3 mm
Seklema 67063	600 x 600 x 3 mm
Seklema 67062	600 x 400 x 3 mm
Seklema 67061	600 x 300 x 3 mm
Seklema 67060	300 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

Tips

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

A3 / 2,3mm

A4 / 2,3mm

A3 / 2,3mm

Colour

light grey (850211)

light grey (850211)

light grey (850208)

light grey (850208)

Order Number

131011 (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

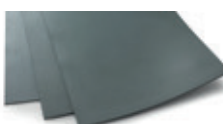
Ecological laser rubber from natural rubber

- 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 or grey (850205)

A4 / 1,5mm
(for Goldring)

34248 (2,3 mm)

34270 (1,5 mm)



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 colour chains to present your customers a wide range of high-quality products in different colours
- Order quality samples that your customers can touch and see in person

TroLase Series Colour fans



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

TroGlass Colour chains



Product	Size	Order No.
Colour fan TroGlass Color Gloss		117809
Colour fan TroGlass Satins		117810
Colour fan TroGlass Frosted	50 x 50 mm	117811
Colour fan TroGlass Duo		117892
Colour fan TroGlass LED		117894

Colour fans – Wood



Product	Size	Order No.
Colour fan MDF Veneer	70 x 30 mm	120783
Colour fan Solid Wood	70 x 30 mm	120784

Sample Binder



Product	Size	Order No.
Sample Binder Full	250 x 210 mm	99235
Sample Binder Laser (without TroPly Series)	250 x 210 mm	99218

Material		Engraving		Use		Ply			Handling		
		Laser	Mechanical engraving	Exterior	Interior	1	2	3	Front	Reverse engraving (optional colour fill)	Scoring
Laser + Rotary	TroLase	6	●	●	●	●	●	●	●		●
	TroLase Metallic Plus	8	●	●	●	●	●		●		●
	TroLase Metallic	9	●	●	●	●	●		●		●
	TroLase Reverse	10	●	●	●	●	●			●	●
	TroLase ADA Signage	11	●	●	●	●			●		●
	TroLase Thins	12	●	●		●	●		●		●
	TroLase Textures	14	●	●	●	●	●		●		●
	TroLase Lights	15	●	●		●	●		●		●
	TroLase Foil	16	●	●	●	●	●		●		●
	Digital Print Series	17	●	●		●	●		●		●
LaserFlex	18	●		●	●				●		
Rotary	TroPly	22		●	●		●	●	●		●
	TroPly Metallic Plus	24		●	●		●		●		●
	TroPly Metallic	25		●	●		●		●		●
	TroPly Satins	26		●	●		●	●	●		●
	TroPly Ultra	28		●	●		●		●		●
	TroPly Ultra Reverse	30		●	●	●	●			●	●
Acrylic	TroGlass Color Gloss	34	●	●	●	●			●	○	
	TroGlass Satins	36	●	●	●	●			●	○	
	TroGlass Duo	37	●	●	●	●			●	○	
	TroGlass Frosted	38	●	●	●	●			●	○	
	TroGlass LED	39	●	●	●	●			●	○	
	TroGlass Reverse	40	●	●	●	●			○	●	
	TroGlass Clear	41	●	●	●	●			●	●	
	TroGlass Mirror	42	●	●		●			○	●	
	TroGlitter	43	●	●		●			●	○	
	Metal	Anodised Aluminium	46	●	●	●	●			●	
DuraBlack®		48	●		●	●			●		
AlumaMark®		49	●		●	●			●		
Stainless Steel		50	●	●	●	●			●		
Wood		Solid Wood	54	●	●		●		●		
	Wood Veneer	55	●	●		●			●		
	Plywood	56	●	●		●			●		
	MDF	57	●	●		●			●		
	TroCraft Eco	58	●			●			●		
	Paper	LaserPaper	62	●		●				●	

Finishing

	Saws	Drills	Guillotine	Laser Cutting	Bevels	Hot Bendable	Screen printing	Bonding	ADA Compliant	Hot Stamping		Material
	●	●	●	●	●	●	●	●		●	6	TroLase
	●	●	●	●	●	●	●	●		●	8	TroLase Metallic Plus
	●	●	●	●	●	●	●	●		●	9	TroLase Metallic
	●	●	●	●	●	●	●	●		●	10	TroLase Reverse
	●	●	●	●	●	●	●	●	●	●	11	TroLase ADA Signage
	●	●	●	●			●	●		●	12	TroLase Thins
	●	●	●	●	●	●	●	●		●	14	TroLase Textures
			●	●				●		●	15	TroLase Lights
	●	●	●	●			●	●		●	16	TroLase Foil
	●	●	●	●	●	●	●	●		●	17	Digital Print Series
			●	●							18	LaserFlex
	●	●	●		●	●	●	●		●	22	TroPly
	●	●	●		●	●	●	●		●	24	TroPly Metallic Plus
	●	●	●		●	●	●	●		●	25	TroPly Metallic
	●	●	●		●	●	●	●		●	26	TroPly Satins
	●	●	●	●	●	●	●	●		●	28	TroPly Ultra
	●	●	●	●	●	●	●	●		●	30	TroPly Ultra Reverse
	●	●		●	●	●	●	●		●	34	TroGlass Color Gloss
	●	●		●	●	●	●	●		●	36	TroGlass Satins
	●	●		●	●	●	●	●		●	37	TroGlass Duo
	●	●		●	●	●	●	●		●	38	TroGlass Frosted
	●	●		●	●	●	●	●		●	39	TroGlass LED
	●	●		●	●	●	●	●		●	40	TroGlass Reverse
	●	●		●	●	●	●	●		●	41	TroGlass Clear
	●	●		●	●		●	●			42	TroGlass Mirror
	●	●		●	●	●	●	●		●	43	TroGlitter
	●	●	●		●		●	●			46	Anodised Aluminium
	●	●	●		●						48	DuraBlack®
	●	●	●		●						49	AlumaMark®
	●	●	●		●		●	●			50	Stainless Steel
	●	●	●	●	●		●	●			54	Solid Wood
	●	●	●	●	●		●	●			55	Wood Veneer
	●	●	●	●	●		●	●			56	Plywood
	●	●	●	●	●		●	●			57	MDF
	●	●	●	●	●		●	●			58	TroCraft Eco
				●			●	●			62	LaserPaper

Laser + Rotary

Rotary

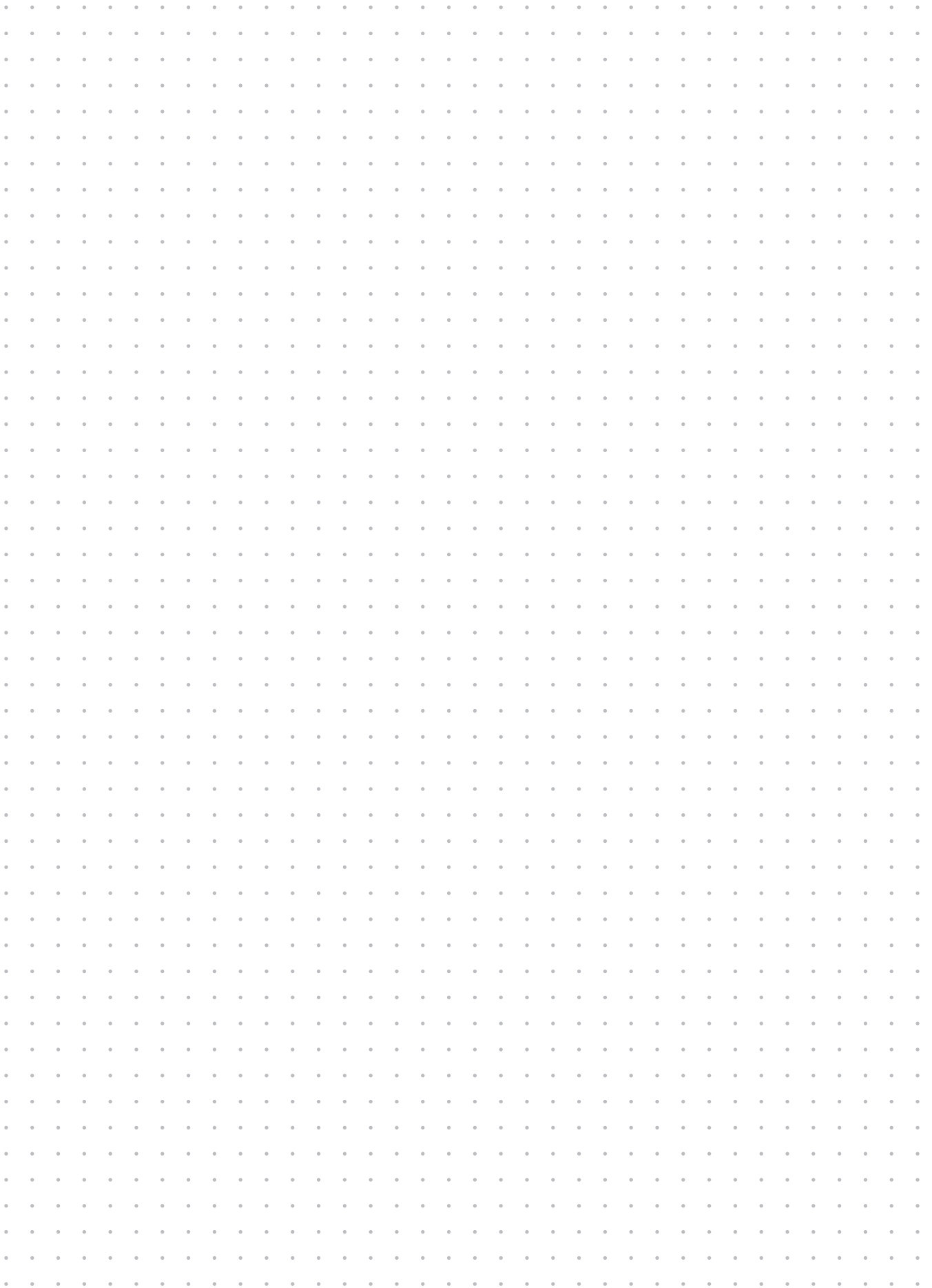
Acrylic

Metal

Wood

Paper

Notes



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 4.2 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 1000 x 610 mm are available with a CO₂, 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.



Process an endless variety of materials with Speedy flexx Series



Laser cut award out of TroGlass acrylic sheets



Laser engraved leather wallet

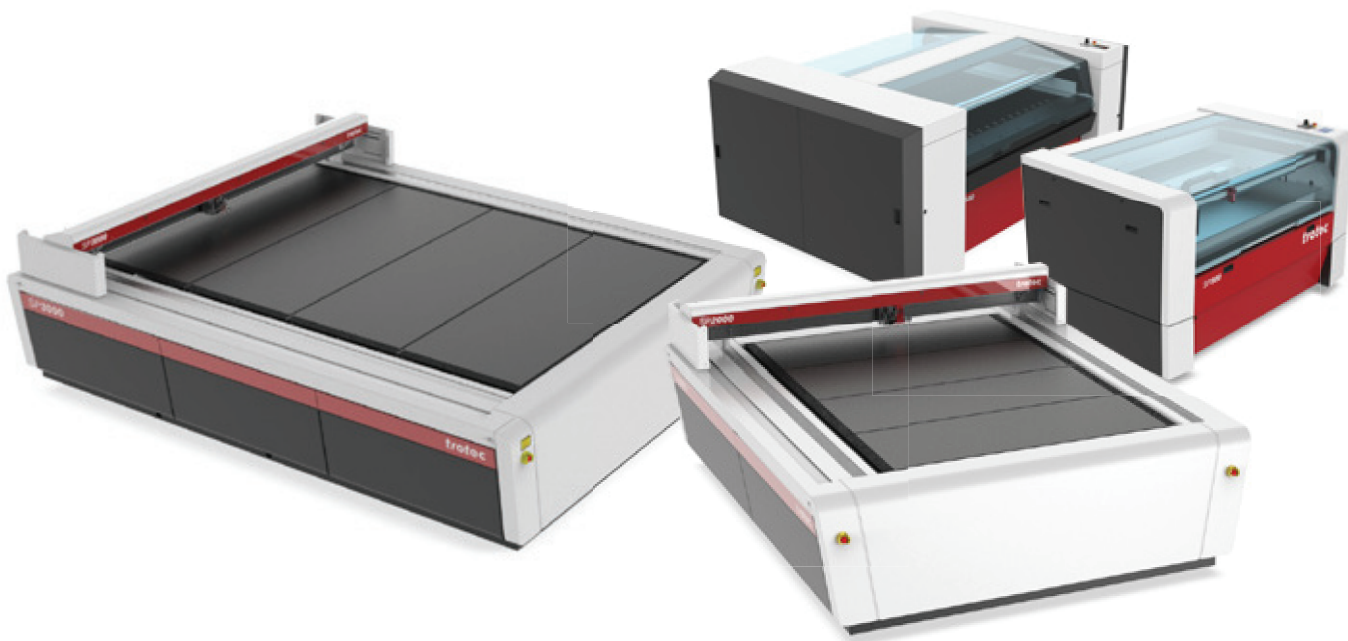
Expand your business

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 CO₂ 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.

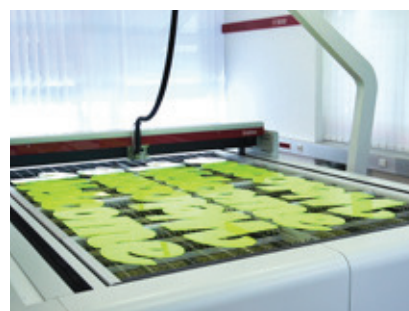
The ideal table for every application can be selected and replaced easily and quickly. The working areas of SP laser cutters provide enough space for all standard sheet sizes in use today – from 1.245 x 710 mm of the SP500 up to 2.210 x 3.210 mm of the SP3000. Acrylics, textile, paper, cardboard or wooden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



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



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



Cut very detailed geometric shapes on large format cardboard.

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 Galvo Marking Lasers

High-Speed Laser Marking for Industrial Applications



The SpeedMarker Series is developed for efficient laser marking of metals and plastics along the industrial production chain. They offer the perfect combination of intelligent software with highest quality hardware. The systems are available in different sizes with various configurations to meet individual requirements. Additionally, a broad range of options for special tasks is available.

The SpeedMark marking software provides program modules for typical marking processes. From simple direct input to fully automated workflows, everything is possible – with no need for any special programming knowledge. Thanks to their thoughtful and robust design the laser machines guarantee absolute reliability and precision even in demanding environments. The laser head is practically maintenance free. The SpeedMarker Series is 100% designed and manufactured in Austria and Germany.



Industrial tags for machines and parts



Code marking on difficult placements



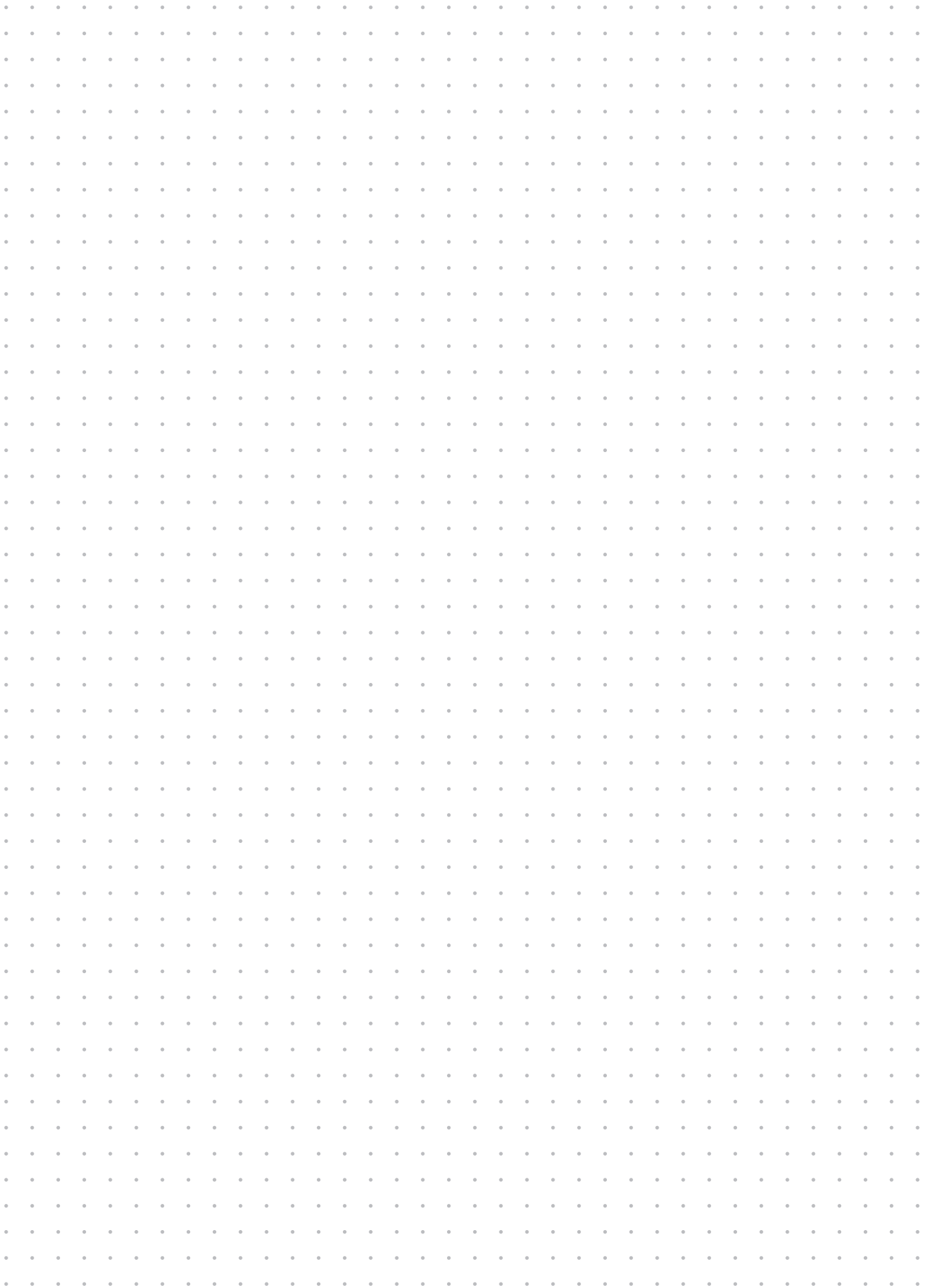
Durable marks a part's lifetime long

Durable. Economical. Flexible

Laser markings are heat, abrasion and even acid resistant – for perfectly legible information and longest lifetime. Due to minimum costs for operation and short set-up times the costs per marking are constantly low.

Laser marking offers maximum flexibility concerning material choice, changing geometries and processing of dynamic contents (e.g. text, serial numbers, logos, images or codes).

Notes



Price list

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

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

trotec

laser. marking cutting engraving

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