



Laser and Rotary Materials



valid from **2017**



www.trotec-materials.com

trotec[®]

laser. marking cutting engraving



→ 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, coupled with its unmatched service and support offerings, have made Trotec one of the industry's leading companies.

→ Contact us:

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trotec@troteclaser.com



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→ 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.

→ Cut to size legend



Cut to size

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



Hole drilling

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



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.

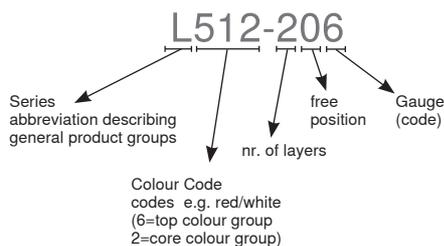


Bevelled edges

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

→ Product codes

TroLase and TroPly Series use order numbers with the following meaning:



Series

TroLase	L
TroLase Metallic	LMT
TroLase Metallic Plus	LMT+
TroLase Reverse	LR
TroLase ADA Signage	LS
TroLase Thins	LT
TroLase Textures	LTX
TroLase Lights	LL
TroPly	P
TroPly Metallic	PMT
TroPly Metallic Plus	PMT+
TroPly Satins	PS
TroPly Ultra	PU
TroPly Ultra Reverse	PUR
TroPly HiGloss	PH
TroPly HiGloss Reverse	PHR

Gauge (Code)

1	0,1 mm	0.004"
2	0,5 mm	0.020"
3	0,8 mm	1/32"
4	1,0 mm	0.040"
5	1,3 mm	0.050"
6	1,6 mm	1/16"
7	2,4 mm	3/32"
8	3,0 mm	0.12"
9	3,2 mm	1/8"
10	4,0 mm	0.167"
11	5,0 mm	0.208"
12	6,0 mm	0.24"
0	custom	

→ 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, TroPly HiGloss, TroPly HiGloss Reverse

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

TroLase Lights

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

TroGlass Tolerances: gauge +/- 2 %

→ Browse Trotec engraving materials online

Benefit from your online advantages



Save valuable time.



Have a complete overview of all products.



Accessible 24/7.



Benefit from tips and tricks of our experts.



Be the first to be informed about new products and offers.



The optimum material for every application – Trotec Laser and Rotary Engraving material.

Find a wide selection of engraving material sheets designed for engravers and sign makers whether laser or rotary engraving. Discover one-, two- and three-layer plastic sheets in different colours and finishings, acrylic sheets, metals and much more.

First class materials for easiest processing:

- Engrave efficiently with fewer passes
- Minimised cleaning effort
- No sticky edges after laser cutting
- Consistency in quality and colours
- Highly durable materials

trotec[®]
laser. marking cutting engraving

setting
new
standards

Visit us on:

 www.trotec-materials.com

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TroLase is a UV-resistant acrylic based laminate for both indoor and outdoor applications. Benefiting from a thin top layer it enables detailed engraving at high production speeds. Its superior composition minimises residue, therefore reducing the need for cleaning whilst maximising your output.

Applications

- Interior Signs
- Exterior Signs
- Badges
- Trophy Plates
- Safety Signs
- Industrial signage
- Legend plates



→ Material Features

Material: Micro-surfaced impact acrylic, 2 ply / 3 ply

Finish: matt, gloss

Thickness: 0,8 mm / 1,6 mm / 3,2 mm

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size: 1245 x 616 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Laser material



Rotary material



Interior use

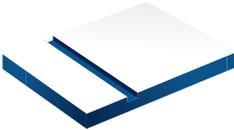
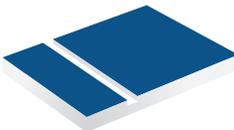


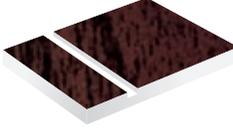
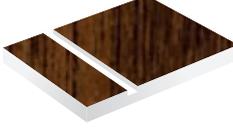
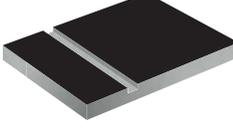
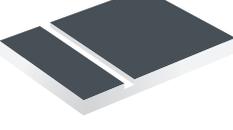
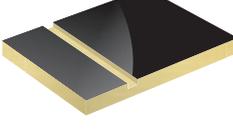
Exterior use



Adhesive possible

Bestseller

	White/Red		White/Blue		White/Black			
	0,8		L206-203 86585		1,6	L205-206 71565	0,8	L204-203 86561
	1,6		L206-206 71584		mm		1,6	L204-206 71546
	Red/White		Blue/White		Black/White			
	0,8		L602-203 86565		0,8	L512-203 86581	0,8	L402-203 86563
	1,6		L602-206 71828		1,6	L512-206 71782	1,6	L402-206 71747
	3,2	L206-209 86591	3,2	L512-209 86582	3,2	L204-209 71549		
	mm		mm		mm			

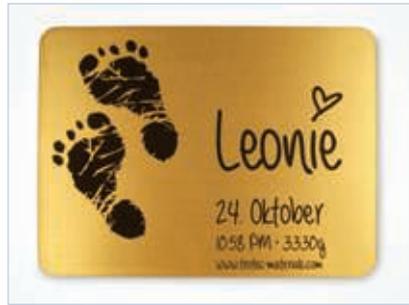
	<p>Burgundy/White 1,6 L622-206 mm 71852</p>		<p>Sapphire/White 0,8 L502-203 86594 1,6 L502-206 mm 71772</p>		<p>Almond/Black 1,6 L854-206 mm 71911</p>
	<p>Orange/White 0,8 L612-203 86564 1,6 L612-206 mm 71841</p>		<p>Blueberry/White 1,6 L542-206 mm 101807</p>		<p>Dark Brown/White 1,6 L842-206 mm 71909</p>
	<p>Orange/Black 0,8 L614-203 mm 111627</p>		<p>Navy Blue/White 1,6 L552-206 mm 71796</p>		<p>Dark Walnut/White 1,6 L002-206 mm 71512</p>
	<p>Red/Black 1,6 L604-206 mm 71835</p>		<p>Purple/White 0,8 L582-203 111628 1,6 L582-206 mm 71804</p>		<p>English Walnut/White 1,6 L192-206 mm 71515</p>
	<p>Pink/Black 1,6 L664-206 mm 86593</p>		<p>Green/White 0,8 L932-203 86596 1,6 L932-206 mm 71946 3,2 L932-209 mm 91696</p>		<p>Black/Red 1,6 L406-206 mm 71756</p>
	<p>Pink/White 1,6 L662-206 mm 86588</p>		<p>Celadon Green/White 1,6 L972-206 mm 71955</p>		<p>Black/Silver 1,6 L413-206 mm 86587</p>
	<p>Yellow/Red 0,8 L706-203 111629 1,6 L706-206 mm 86590</p>		<p>Evergreen/White 0,8 L912-203 86586 1,6 L912-206 mm 71937 3,2 L912-209 mm 86592</p>		<p>Gloss Black/White 1,6 L422-206 mm 86580</p>
	<p>Yellow/Black 0,8 L704-203 86562 1,6 L704-206 mm 71864 3,2 L704-209 mm 86566</p>		<p>Light Grey/White 1,6 L322-206 mm 86555</p>		<p>Black/Gold 1,6 L417-206 mm 71759</p>
	<p>Smoke Grey/White 1,6 L312-206 mm 71614</p>		<p>Gloss Black/Gold 1,6 L427-206 mm 86589</p>		
	<p>White/Black/White 1,6 L204-306 91640 3,2 L204-309 mm 91644</p>		<p>Black/White/Black 1,6 L402-306 91641 3,2 L402-309 mm 91645</p>		

→ TroLase Metallic Plus and TroLase Metallic

TroLase Metallic is an acrylic based laminate with an authentic metallic finish. Benefiting from a thin top layer it enables detailed engraving at high production speeds. For external applications and cost effective, time saving alternatives to metal engraving, we recommend TroLase Metallic Plus which is UV-resistant.

Applications

- Interior Signs
- Exterior Signs (Metallic Plus)
- Badges
- Trophy Plates
- Safety Signs
- Funeral Plates



→ Material Features TroLase Metallic Plus

Material: Modified impact acrylic, 2 ply

Finish: brushed metal

Thickness: 0,8 mm / 1,6 mm / 3,2 mm

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size: 1245 x 616 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Laser material



Rotary material



Interior use



Exterior use



Adhesive possible

→ Material Features TroLase Metallic

Material: Micro-surfaced impact acrylic, 2 ply

Finish: brushed metal, smooth

Thickness: 0,8 mm / 1,6 mm / 3,2 mm

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size: 1245 x 616 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Laser material



Rotary material



Interior use



Adhesive possible

→ TroLase Metallic Plus

	<p>Brushed Stainless Steel/Black</p> <p>0,8 LMT+314-203 87112</p> <p>1,6 LMT+314-206 71615</p> <p>3,2 LMT+314-209 87106</p> <p>mm</p>		<p>Brushed Bright Nickel/Black</p> <p>0,8 LMT+364-203 87138</p> <p>1,6 LMT+364-206 87116</p> <p>3,2 LMT+364-209 87135</p> <p>mm</p>		<p>Brushed Copper/Black</p> <p>0,8 LMT+864-203 87136</p> <p>1,6 LMT+864-206 87114</p> <p>3,2 LMT+864-209 87141</p> <p>mm</p>
	<p>Brushed Stainless Steel/Blue</p> <p>0,8 LMT+315-203 87137</p> <p>1,6 LMT+315-206 87117</p> <p>3,2 LMT+315-209 87139</p> <p>mm</p>		<p>Brushed Stainless Steel/Red</p> <p>0,8 LMT+316-203 87145</p> <p>1,6 LMT+316-206 87118</p> <p>3,2 LMT+316-209 87146</p> <p>mm</p>		<p>Brushed Gold/Black</p> <p>0,8 LMT+764-203 87115</p> <p>1,6 LMT+764-206 71893</p> <p>3,2 LMT+764-209 87108</p> <p>mm</p>

→ TroLase Metallic

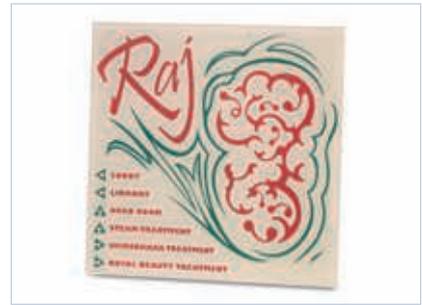
	<p>Smooth Gold/Black</p> <p>0,8 LMT714-203 86661</p> <p>1,6 LMT714-206 86599</p> <p>3,2 LMT714-209 86662</p> <p>mm</p>		<p>Brushed Aluminium/Black</p> <p>0,8 LMT354-203 86632</p> <p>1,6 LMT354-206 71700</p> <p>3,2 LMT354-209 86634</p> <p>mm</p>		<p>Brushed Copper/Black</p> <p>0,8 LMT894-203 86660</p> <p>1,6 LMT894-206 71931</p> <p>mm</p>
	<p>Brushed Gold/Black</p> <p>0,8 LMT734-203 86602</p> <p>1,6 LMT734-206 71881</p> <p>3,2 LMT734-209 92076</p> <p>mm</p>		<p>Brushed Silver/Black</p> <p>0,8 LMT334-203 86619</p> <p>1,6 LMT334-206 71625</p> <p>3,2 LMT334-209 86658</p> <p>mm</p>		<p>Brushed Deep Bronze/Black</p> <p>1,6 LMT884-206 86648</p> <p>mm</p>
	<p>European Gold/Black</p> <p>0,8 LMT754-203 86600</p> <p>1,6 LMT754-206 71889</p> <p>3,2 LMT754-209 86649</p> <p>mm</p>		<p>Smooth Silver/Black</p> <p>0,8 LMT344-203 86598</p> <p>1,6 LMT344-206 86597</p> <p>3,2 LMT344-209 86656</p> <p>mm</p>		

→ TroLase Reverse

TroLase Reverse comprises of a transparent acrylic fascia with a coloured coating on the reverse side. By reverse engraving your image into the coloured layer you expose clear text/image which can either be infilled with your choice of acrylic paint or backlit for an effective contrast. As an additional feature the reverse has a third layer which significantly reduces the cleaning time and enhances the depth of colour.

Applications

- Interior Signs
- Exterior Signs
- Badges
- Safety Signs
- Control Panels



→ Material Features

Material: Micro-surfaced impact acrylic with back-coating, 2 ply

Finish: matt, gloss (gold and silver)

Thickness: 1,6 mm

Engraving depth: 0,08 mm

Cutting method: laser, saw

Sheet size: 1245 x 616 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Laser material



Rotary material



Interior use

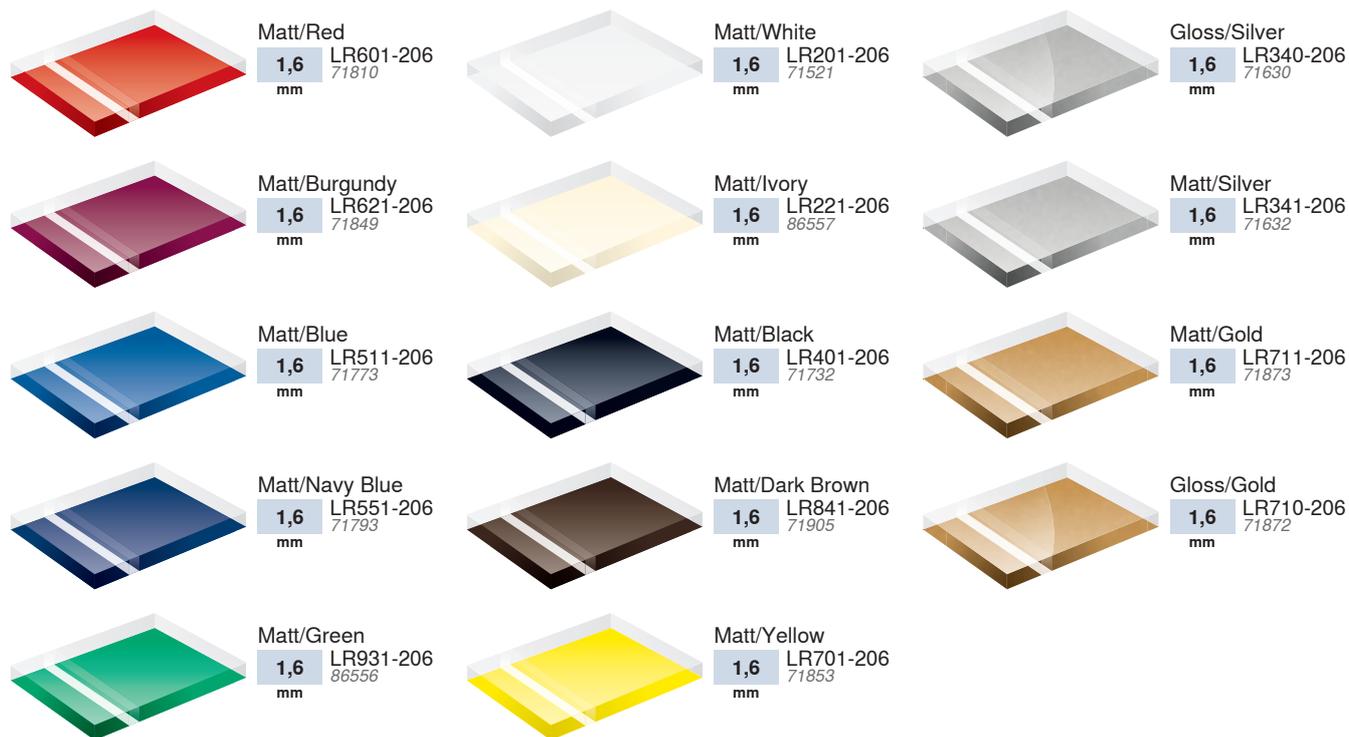


Exterior use



Reverse

→ TroLase Reverse



Tip

TroLase Reverse offers the advantage of a third layer on the back. This additional layer reduces the need for cleaning and increases the color depth. If engraved areas are infilled with color, this additional layer prevents from the painting shining through.

→ TroLase ADA Signage

TroLase ADA Signage is a solid, dyed, acrylic based material primarily used for the production of braille and tactile signage. With the added advantage of being UV stable it is ideal for functional signage in indoor and outdoor areas, for cutting out letters and for creating 3-dimensional signs. The thinner options are increasingly becoming a popular medium in the production of architectural model making.

Applications

- Exterior & Interior Signs
- ADA compliant braille & Tactile Signage
- 3 Dimensional Signs
- Model Making
- Cut Out Letters



→ Material Features

Material: Modified acrylic, 1 ply

Finish: matt

Thickness: 0,8 mm / 1,0 mm /
1,6 mm / 3,2 mm

Cutting method: laser, saw, guillotine

Sheet size: 1245 x 616 mm, *1220 x 610 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Laser material



Rotary material



Interior use



Exterior use



Adhesive possible

→ TroLase ADA Signage

Bestseller

	<p>Red</p> <p>0,8 LS601-103 71806</p> <p>1,6 LS601-106 71807</p> <p>3,2 LS601-109 86532</p> <p>mm</p>		<p>Blue</p> <p>0,8 LS501-103 71767</p> <p>1,6 LS501-106 71768</p> <p>3,2 LS501-109 86534</p> <p>mm</p>		<p>Bright White</p> <p>0,8 LS204-103 71526</p> <p>1,0 LS204-104 86412</p> <p>1,6 LS204-106 71527</p> <p>3,2 LS204-109 71528</p> <p>mm</p>
	<p>Black</p> <p>0,8 LS401-103 71727</p> <p>1,0 LS401-104 86504</p> <p>1,6 LS401-106 71729</p> <p>3,2 LS401-109 71730</p> <p>mm</p>		<p>Marine Blue*</p> <p>1,6 LS502-106 86514</p> <p>mm</p>		<p>White*</p> <p>0,8 LS201-103 71519</p> <p>1,0 LS201-104 86411</p> <p>1,6 LS201-106 86506</p> <p>mm</p>

	<p>Burgundy</p> <p>1,6 LS602-106 71812</p> <p>mm</p>		<p>Light Grey</p> <p>0,8 LS305-103 86522</p> <p>1,6 LS305-106 86513</p> <p>mm</p>		<p>Silver*</p> <p>0,8 LS304-103 86517</p> <p>mm</p>
	<p>Yellow</p> <p>0,8 LS701-103 86516</p> <p>1,6 LS701-106 86526</p> <p>mm</p>		<p>Charcoal Grey</p> <p>0,8 LS307-103 71600</p> <p>1,6 LS307-106 71601</p> <p>mm</p>		<p>Clear</p> <p>0,8 LS101-103 71505</p> <p>1,6 LS101-106 71507</p> <p>mm</p>
	<p>Green</p> <p>0,8 LS901-103 86535</p> <p>1,6 LS901-106 86523</p> <p>mm</p>				

Tips

Order TroLase ADA Signage with self-adhesive film applied to the back. This allows you to easily mount letters cut-out from the material plate on base plates or walls. During assembly use the cut material plate as a template for spacing and as a line level.

A few tips for best results:

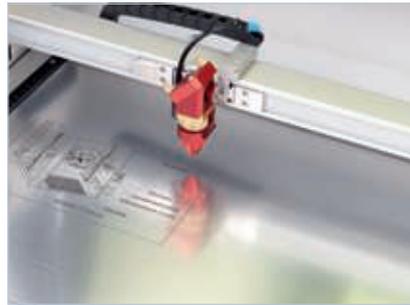
- Materials must be even and without bends or distortions.
- A cutting table should always be used when cutting plastics, in order to lift the material.
- Remove the protective film, in order to prevent discolouration or excessive smoke.
- If excess smoke results, then too much energy is being used. In this case increase the speed.

→ TroLase Thins

TroLase Thins are extremely flexible and ideally suited to applications on curved surfaces. With an acrylic base and thin foiled surface you can achieve detailed, elegant engraving accommodating both the trophy and award industry as well as the industrial market. New additions include solid White and Black, proven medium for 3D model makers.

Applications

- Interior Signs
- Badges
- Trophy Plates
- Safety Signs
- Business Cards
- Architectural model making



→ Material Features

Material: Micro-surfaced pre-adhesive plastic, 1 ply / 2 ply

Finish: matt, gloss, brushed metal

Thickness: 0,5 mm

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size: 1245 x 614 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Laser material



Rotary material



Interior use



Adhesive possible



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



Brushed Aluminium/Black
0,5 mm
LT354-202
71688



White/Black
0,5 mm
LT204-202
71529



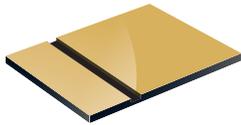
European Gold/Black
0,5 mm
LT754-202
71885



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



Black/White
0,5 mm
LT402-202
71735



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



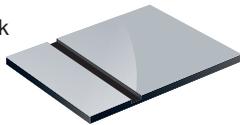
Brushed Silver/Black
0,5 mm
LT334-202
86544



Yellow/Black
0,5 mm
LT744-202
71854



Brushed Bronze/Black
0,5 mm
LT874-202
91643



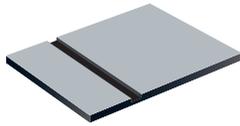
Trophy Silver/Black
0,5 mm
LT394-202
86541



Red/White
0,5 mm
LT602-202
71814



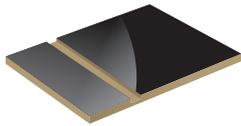
Deep Bronze/Black
0,5 mm
LT884-202
71917



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



Blue/White
0,5 mm
LT512-202
71774



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



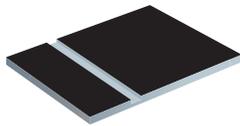
Gloss Black/Silver
0,5 mm
LT423-202
71760



Purple/White
0,5 mm
LT582-202
86553



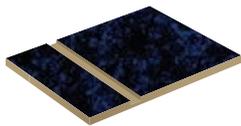
Black/Gold
0,5 mm
LT417-202
71757



Black/Silver
0,5 mm
LT413-202
91642



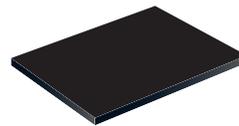
White single ply
0,5 mm
LT202-102
86542



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



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



Black single ply
0,5 mm
LT404-102
86545

→ TroLase Textures

TroLase Textures are two-layer acrylic based materials, suitable for applications in demanding environments, where extra durability and scratch resistance are required. The textured, matt surface is non-reflective, durable and easy to clean. TroLase Textures are UV- and weather-resistant, suitable for indoor and outdoor use.

Applications

- Exterior & Interior Signs
- Badges
- Safety Signs
- Control Panels
- Industrial Applications



→ Material Features

Material: Co-extruded impact acrylic; 1 ply / 2 ply

Finish: textured matt

Thickness: 1,6 mm / 3,2 mm

Engraving depth: 0,18 mm

Cutting method: laser, saw, guillotine

Sheet size: 1220 x 610 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Laser material



Rotary material



Interior use

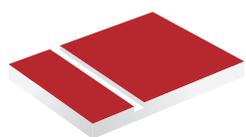


Exterior use



Adhesive possible

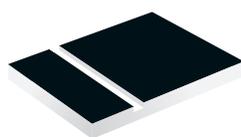
→ TroLase Textures



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



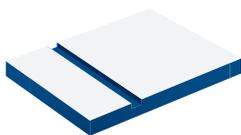
Royal Blue/White
1,6 LTX592-206
87323
3,2 LTX592-209
87340
 mm



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



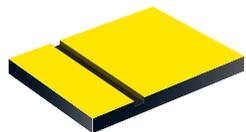
White/Red
1,6 LTX246-206
87339
 mm



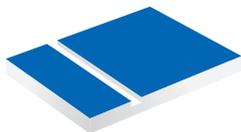
White/Blue
1,6 LTX205-206
87347
 mm



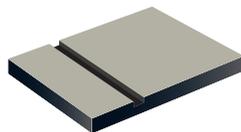
White/Black
1,6 LTX244-206
87316
3,2 LTX244-209
87344
 mm



Yellow/Black
1,6 LTX774-206
87330
 mm



Sapphire/White
1,6 LTX503-206
87331
 mm



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



Green/White
1,6 LTX962-206
87338
 mm



Transparent
1,6 LTX101-106
111626
 mm

→ TroLase Lights

TroLase Lights are a highly flexible, UV stable and robust film with an adhesive coating on the reverse. The self-adhesive film adheres perfectly to various materials such as metals, plastic, rubber, and wood and makes it a popular material in industry and commerce.

Applications

- Exterior & Interior Signs
- Badges
- Trophy Plates
- Inscription Foil
- Labels / Stickers
- Packaging Labels



→ Material Features

Material: Micro-surfaced pre-adhesive plastic, 2 ply

Finish: gloss, brushed metal

Thickness: 0,1 mm

Engraving depth: 0,04 mm

Cutting method: laser, guillotine

Sheet size: 600 x 305 mm



Laser material



Rotary material



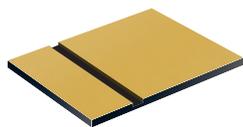
Interior use



Exterior use



Adhesive



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



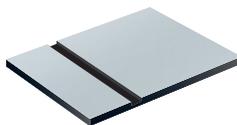
Brushed Silver/Black
0,1 mm LL63-201
71621



White/Black
0,1 mm LL62-201
71531



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



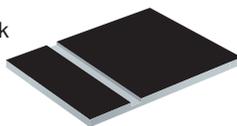
Smooth Silver/Black
0,1 mm LL73-201
71641



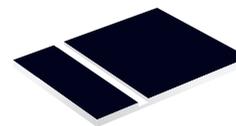
Yellow/Black
0,1 mm LL68-201
86554



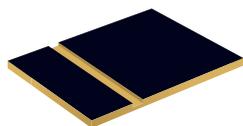
Brushed Bronze/Black
0,1 mm LL69-201
71919



Black/Silver
0,1 mm LL75-201
71762



Black/White
0,1 mm LL61-201
71738



Black/Gold
0,1 mm LL65-201
71765

LaserFlex is a high quality, multi-layered polyurethane film highly suited for customising textiles. The laser can realise even the finest details with intricate motifs, which would be impossible to achieve with a cutting plotter. Once the motif has been engraved and cut out on the laser unit, the design is applied to the textiles using a transfer press. LaserFlex is characterised by good opacity and high elasticity.

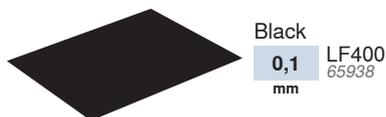
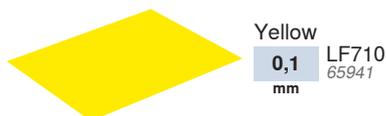
Applications

- Customisation of T-shirts
- Customisation of fabric bags
- Cotton, polyester, blended fabrics
- Less suitable for nylon and coated textiles
- Flex on flex is possible



→ Material Features

Material: Polyurethanfoil on transfer film
 Finish: matt
 Thickness: 0,1 mm
 Engraving depth: 0,04 mm
 Cutting method: laser, guillotine
 Sheet size: 420 x 297 mm (A3)



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: 165 °C

Duration: 17 seconds

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

→ TroGlass Color Gloss

This cast acrylic glass is available in a wide range of colours, in variations of transparent, fluorescent, translucent and non-transparent. Both material sides have a glossy finish. The transparent, fluorescent and translucent colours offer constant light transmission superior to similar glass colours.

TroGlass Color Gloss features all advantages of cast acrylic, especially in terms of impact resistance, light diffusion and handling capabilities.

Applications

- Illumination and lighting
- Visual communication – Signage, Display, POP
- Shop fitting
- Interior design and furnishing



→ Material Features

Material: cast acrylic

Finish: gloss

Translucency: transparent, fluorescent, translucent, non-transparent

Thickness: 3 mm

Cutting method: laser, saw

Sheet sizes: 1216 x 606 mm, 606 x 606 mm (half), 606 x 301 mm (quarter)



Laser material



Rotary material



Interior use



Exterior use



Adhesive possible

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
- UV stable and weatherproof
- Easy to work with (laser cut/engrave, bend, glue, thermoforming, milling)

→ TroGlass Color Gloss

transparent



Glass Look
3,0 117143
mm



Red transparent
3,0 117131
mm



Ice Blue transparent
3,0 117132
mm



Yellow transparent
3,0 117129
mm



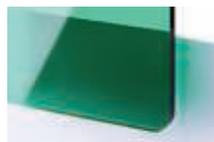
Green transparent
3,0 117139
mm



Blue transparent
3,0 117133
mm



Orange transparent
3,0 117130
mm



Dark Green transparent
3,0 117140
mm

fluorescent



Yellow fluorescent
3,0 117134
mm



Red fluorescent
3,0 117136
mm



Ice Blue fluorescent
3,0 117138
mm



Orange fluorescent
3,0 117135
mm



Green fluorescent
3,0 117137
mm

opal



White translucent
3,0 117069
mm



Fuchsia translucent
3,0 117105
mm



Lilac translucent
3,0 117141
mm



Yellow translucent
3,0 117071
mm



Green translucent
3,0 117123
mm



White
3,0 117070
mm



Orange translucent
3,0 117103
mm



Dark Green translucent
3,0 117124
mm



Grey
3,0 117127
mm



Red translucent
3,0 117104
mm



Sky Blue translucent
3,0 117125
mm



Black
3,0 117128
mm



Carmine Red translucent
3,0 117142
mm



Blue translucent
3,0 117126
mm

→ TroGlass Satins and TroGlass Duo

TroGlass Satins cast acrylic glass is available in a wide range of colours, in variations of transparent, translucent and non-transparent. Both sheet sides have a satin surface that give an elegant and soft feeling and appearance.

TroGlass Duo is a cast acrylic glass with one matt and one glossy side. The Night and Day colour variation allows for a change in color when backlighted. While being black when not backlighted, the colour turns bright with the backlight turned on.

Applications

- Illumination and backlighted signs
- Visual communication – Signage, Display, POP
- Shop fitting
- Interior design and furnishing



→ Material Features TroGlass Satins

Material: cast acrylic

Finish: matt

Translucency: translucent, non-transparent

Thickness: 3 mm

Cutting method: laser, saw

Sheet sizes: 1216 x 606 mm, 606 x 606 mm (half), 606 x 301 mm (quarter)



Laser material



Rotary material



Interior use



Exterior use



Adhesive possible

→ Material Features TroGlass Duo

Material: cast acrylic

Finish: one side matt, one side glossy

Translucency: translucent

Thickness: 3 mm

Cutting method: laser, saw

Sheet sizes: 1216 x 606 mm, 606 x 606 mm (half), 606 x 301 mm (quarter)



Laser material



Rotary material



Interior use



Exterior use

→ TroGlass Satins



Clear
3,0 mm 117034



Red translucent
3,0 mm 117038



Ice Blue translucent
3,0 mm 117039



Yellow translucent
3,0 mm 117052



Light Pink translucent
3,0 mm 117037



Blue translucent
3,0 mm 117040



Orange translucent
3,0 mm 117036



Fuchsia translucent
3,0 mm 117068



Aquamarine translucent
3,0 mm 117035



Bright Orange translucent
3,0 mm 117054



Violet translucent
3,0 mm 117041



Lemon Green translucent
3,0 mm 117057



White
3,0 mm 117055



Black
3,0 mm 117059

→ TroGlass Duo



Clear
3,0 mm 117144



Night and Day
3,0 mm 117147



White
3,0 mm 117145



Black
3,0 mm 117148

Tips

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 Frosted and TroGlass LED

TroGlass Frosted is a heavy-duty cast acrylic glass with a matt, roughly structured surface on both sides ("sandblasted finish"). The frosted surface, combined with the intrinsic hardness of cast acrylic, allows applications where higher material strength and robustness are required.

TroGlass LED is a cast acrylic glass, optimised to LED light waves. This allows high light transmission and strong light diffusion while typical "spot effects" typical of LED lights are eliminated.

Applications

- Signs
- Illumination and backlighted signs
- Visual communication – Signage Display, POP
- Shop fitting
- Interior design and furnishing



→ Material Features TroGlass Frosted

Material: cast acrylic

Finish: matt, sandblasted texture

Translucency: translucent

Thickness: 3 mm

Cutting method: laser, saw

Sheet sizes: 1216 x 606 mm, 606 x 606 mm (half), 606 x 301 mm (quarter)



Laser material



Rotary material



Interior use



Exterior use



Adhesive possible

→ Material Features TroGlass LED

Material: cast acrylic

Finish: one side matt, one side glossy

Translucency: translucent

Thickness: 3 mm

Cutting method: laser, saw

Sheet sizes: 1216 x 606 mm, 606 x 606 mm (half), 606 x 301 mm (quarter)



Laser material



Rotary material



Interior use



Exterior use



Adhesive possible

→ TroGlass Frosted



White
3,0 mm 117207



Light Pink
3,0 mm 117190



Ice Blue
3,0 mm 117187



Light Yellow
3,0 mm 117205



Fuchsia
3,0 mm 117191



Lilac
3,0 mm 117204



Orange
3,0 mm 117203



Mint Green
3,0 mm 117206



Blue
3,0 mm 117188



Red
3,0 mm 117202



Green
3,0 mm 117189

→ TroGlass LED



White matt
3,0 mm 117208



Orange
3,0 mm 117210



Green
3,0 mm 117212



White
3,0 mm 117209



Red
3,0 mm 117211



Blue
3,0 mm 117213

Tips TroGlass LED

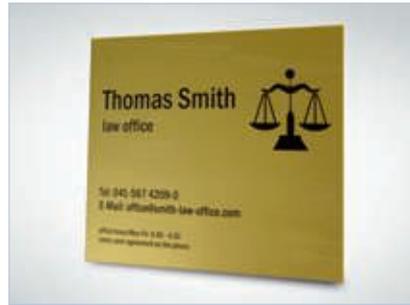
- TroGlass LED is an optimised cast acrylic sheet, developed to adjust itself to the particularity of LED lighting:
- Colors are formulated to meet the wavelength of LEDs: the sheets maintain the same colour tone with backlights being turned on and off.
 - It allows a high light transmission. The strong diffusion characteristics eliminate spot effects.

→ TroGlass Reverse

TroGlass Reverse is a transparent, cast gloss acrylic with a coloured coating on the reverse side. By reverse engraving the back and infilling the engraved areas with colour or backlighting an elegant finish can be created. A third layer of Black backing significantly reduces the cleaning time and enhances the depth of colour.

Applications

- Interior Signs
- Exterior Signs
- Safety Signs
- Promotional & Display Signage



→ Material Features

Material: Micro-surfaced impact acrylic with back-coating,

2 ply

Finish: gloss

Thickness: 3,0 mm / 5,0 mm

Engraving depth: 0,08 mm

Cutting method: laser, saw

Sheet size: 1220 x 610 mm, 600 x 600 mm (half), 600 x 300 mm (quarter)



Laser material



Rotary material



Interior use



Exterior use

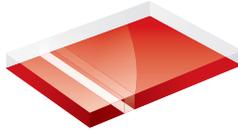


Reverse

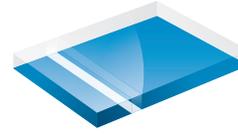
→ TroGlass Reverse



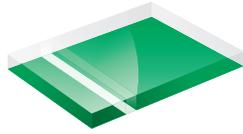
Gloss/White
3,0 TG4-200
 20625
5,0 TG5-200
 20632
 mm



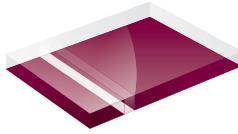
Gloss/Red
3,0 TG4-600
 20630
5,0 TG5-600
 20636
 mm



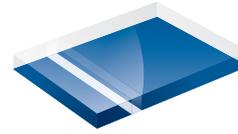
Gloss/Light Blue
3,0 TG4-510
 119381
5,0 TG5-510
 119393
 mm



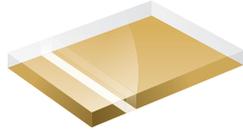
Gloss/Green
3,0 TG4-931
 65005
5,0 TG5-931
 65008
 mm



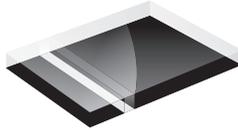
Gloss/Burgundy
3,0 TG4-620
 119379
5,0 TG5-620
 119380
 mm



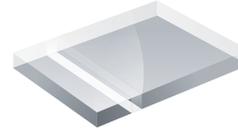
Gloss/Blue
3,0 TG4-500
 20629
5,0 TG5-500
 20635
 mm



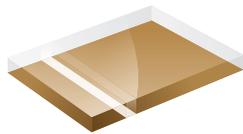
Gloss/Gold
3,0 TG4-710
 20631
5,0 TG5-710
 20637
 mm



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



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



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

→ TroGlass Clear

TroGlass Clear sheets are a great alternative to glass as they offer perfect optical clarity. At the same time they provide the physical benefits of acrylic such as being formable, UV-stable and hard-wearing. Laser engraving produces a white or clear engraved image, depending on the chosen settings. The laser cut produces polished cutting edges and inner contours, no additional post-processing of the material is required.

Applications

- Interior Signs
- Exterior Signs
- Safety Signs
- Promotional & Display Signage



→ Material Features

Material: Cast acrylic, 1 ply

Finish: gloss

Thickness: 3,0 mm / 4,0 mm / 5,0 mm / 6,0 mm / 8,0 mm / 10,0 mm / 15,0 mm / 20,0 mm

Cutting method: laser, saw

Sheet sizes: 1216 x 606 mm (3, 4, 5 mm) / 1200 x 598 (6, 8, 10, 15 mm) / 1194 x 595 mm (20 mm), 606 x 606 mm (half), 606 x 301 mm (quarter)



Laser material



Rotary material

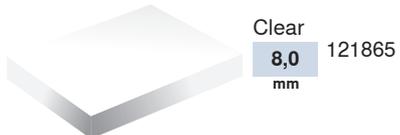
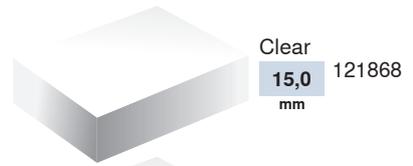
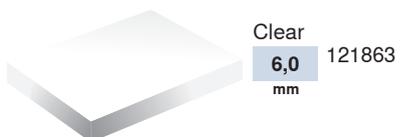


Interior use



Exterior use

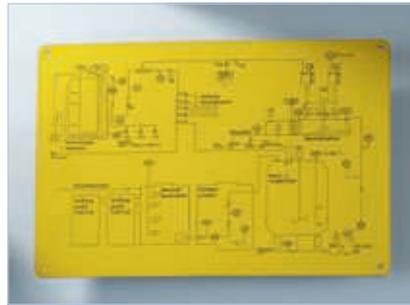
→ TroGlass Clear



TroPly features a thin surface coating, which allows for intricate details and fast engraving without shading effects. The reflection-free surface allows clear and easy-to-read designs to be created of the very smallest engraved images.

Applications

- Interior Signs
- Badges
- Trophy Plates
- Safety Signs
- Information Signs



→ Material Features

Material: ABS, 2 / 3 ply

Finish: matt

Thickness: 0,8 mm / 1,6 mm / 2,4 mm / 3,2 mm (3 ply)

Engraving depth: 0,08 mm

Cutting method: saw

Sheet size: 1245 x 616 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Rotary material



Interior use



Adhesive possible

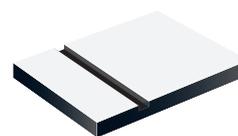
Bestseller



White/Red
1,6 mm
P206-206
71575



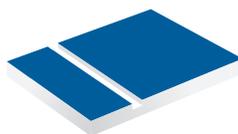
Yellow/Black
0,8 P744-203
86676
1,6 P744-206
71883
2,4 P744-207
86689



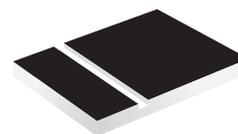
White/Black
0,8 P204-203
86664
1,6 P204-206
71534
2,4 P204-207
86684



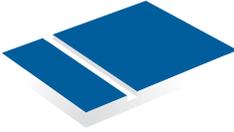
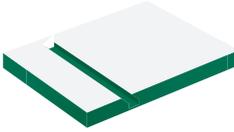
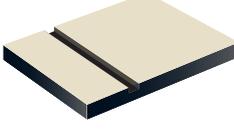
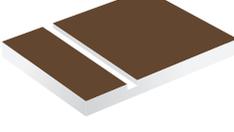
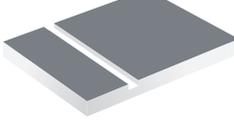
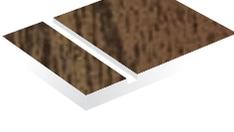
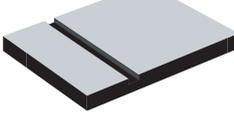
Red/White
0,8 P602-203
86683
1,6 P602-206
71818
2,4 P602-207
86696



Blue/White
0,8 P512-203
86691
1,6 P512-206
71777
2,4 P512-207
86833



Black/White
0,8 P402-203
86665
1,6 P402-206
71742
2,4 P402-207
86694

	<p>Burgundy/White 0,8 P622-203 <small>87087</small> 1,6 P622-206 <small>71851</small> 2,4 P622-207 <small>87095</small> mm</p>		<p>Blue/Bright White 0,8 P572-203 <small>87099</small> 1,6 P572-206 <small>87102</small> mm</p>		<p>White/Pine Green 1,6 P269-206 <small>71597</small> mm</p>
	<p>Red/Bright White 0,8 P642-203 <small>87098</small> 1,6 P642-206 <small>87100</small> mm</p>		<p>Navy Blue/White 1,6 P552-206 <small>71795</small> mm</p>		<p>White/Blue 1,6 P205-206 <small>71560</small> 2,4 P205-207 <small>86685</small> mm</p>
	<p>Orange/White 0,8 P612-203 <small>86692</small> 1,6 P612-206 <small>71838</small> mm</p>		<p>Green/White 0,8 P932-203 <small>86701</small> 1,6 P932-206 <small>71940</small> 2,4 P932-207 <small>86821</small> mm</p>		<p>Ivory/Dark Brown 0,8 P228-203 <small>86941</small> 1,6 P228-206 <small>86677</small> mm</p>
	<p>Yellow/Red 1,6 P706-206 <small>86826</small> mm</p>		<p>Pine Green/White 0,8 P912-203 <small>86690</small> 1,6 P912-206 <small>71935</small> 2,4 P912-207 <small>87006</small> mm</p>		<p>Almond/Black 0,8 P854-203 <small>86832</small> 1,6 P854-206 <small>71910</small> 2,4 P854-207 <small>87007</small> mm</p>
	<p>Purple/White 0,8 P582-203 <small>86929</small> 1,6 P582-206 <small>71803</small> mm</p>		<p>Medium Brown/White 0,8 P822-203 <small>86835</small> 1,6 P822-206 <small>71902</small> mm</p>		<p>Smoke Grey/White 0,8 P312-203 <small>86823</small> 1,6 P312-206 <small>71612</small> 2,4 P312-207 <small>87005</small> mm</p>
	<p>Pink/White 1,6 P662-206 <small>87103</small> mm</p>		<p>Dark Brown/White 1,6 P842-206 <small>71907</small> mm</p>		<p>Light Grey/White 1,6 P322-206 <small>71617</small> mm</p>
	<p>Pink/Black 1,6 P664-206 <small>86817</small> mm</p>		<p>Light Walnut/White 1,6 P172-206 <small>86827</small> mm</p>		<p>Light Grey/Black 0,8 P324-203 <small>86940</small> 1,6 P324-206 <small>71618</small> mm</p>
	<p>Light Blue/White 1,6 P562-206 <small>71799</small> mm</p>		<p>English Walnut/ Bright White 1,6 P192-206 <small>71516</small> mm</p>		<p>White/Green 1,6 P209-206 <small>86687</small> mm</p>
	<p>Sapphire/White 1,6 P502-206 <small>71770</small> 2,4 P502-207 <small>87082</small> mm</p>		<p>Dark Walnut/White 1,6 P002-206 <small>86890</small> mm</p>		<p>Black/Bright White 0,8 P412-203 <small>87096</small> 1,6 P412-206 <small>86819</small> mm</p>
	<p>Black/White/Black 3,2 P402-309 <small>71754</small> mm</p>		<p>Red/White/Red 3,2 P602-309 <small>71833</small> mm</p>		
	<p>White/Black/White 3,2 P204-309 <small>71554</small> mm</p>		<p>Blue/White/Blue 3,2 P512-309 <small>71786</small> mm</p>		

→ TroPly Metallic Plus and TroPly Metallic

TroPly Metallic is characterised by a precious metal look and ideal for the finest details with clear contrast as well as fast and cost-efficient processing.

TroPly Metallic Plus features a special protective layer, which is particularly resistant to scratches and wear.

Applications

- Interior Signs
- Badges
- Trophy Plates
- Funeral Plates
- Information Signs



→ Material Features TroPly Metallic Plus

Material: ABS, 2 ply

Finish: brushed and smooth metal

Thickness: 0,8 mm / 1,6 mm / 2,4 mm

Engraving depth: 0,08 mm

Cutting method: saw, guillotine

Sheet size: 1245 x 616 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Rotary material



Interior use



Adhesive possible

→ Material Features TroPly Metallic

Material: ABS, 2 ply

Finish: brushed and smooth metal

Thickness: 0,8 mm / 1,6 mm / 2,4 mm

Engraving depth: 0,08 mm

Cutting method: saw, guillotine

Sheet size: 1245 x 616 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Rotary material



Interior use

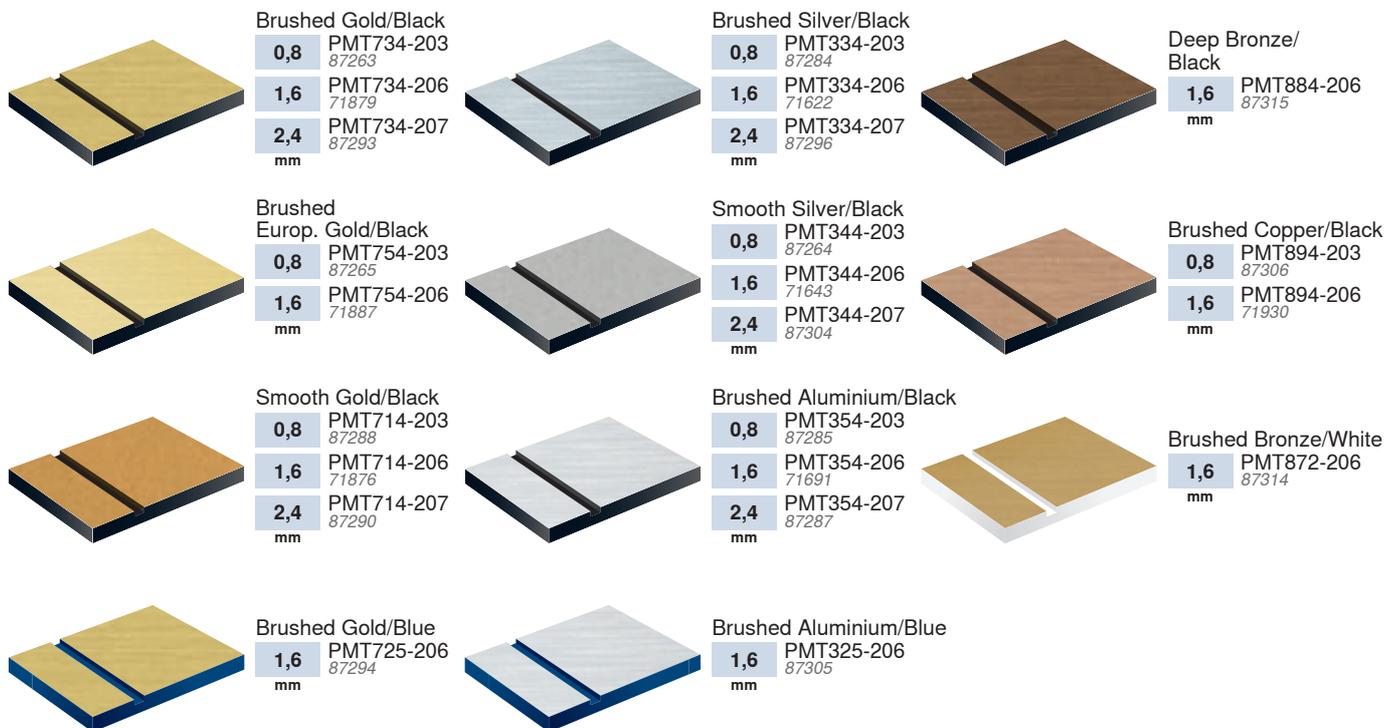


Adhesive possible

→ TroPly Metallic Plus



→ TroPly Metallic



→ TroPly Satins

TroPly Satins is supplied as standard with a brushed finish. An interior laminate with an extensive colour range, it is ideally suited to internal signage, nameplates, key tags and personal identification. The solid cap offers a highly durable and scratch resistant surface.

Applications

- Interior Signs
- Badges
- Safety Signs
- Information Signs



→ Material Features

Material: Acrylic cap / ABS core, 2 ply / 3 ply

Finish: gloss-brushed

Thickness: 0,8 mm / 1,6 mm / 2,4 mm / 3,2 mm

Engraving depth: 0,30 mm

Cutting method: saw, guillotine

Sheet size: 1220 x 610 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Rotary material



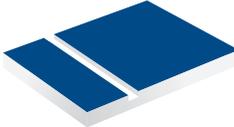
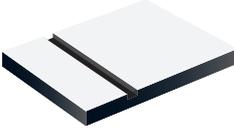
Interior use

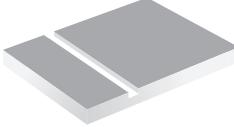
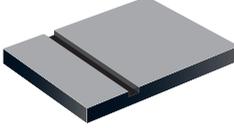


Adhesive possible

→ TroPly Satins

Bestseller

	Red/White 1,6 mm PS602-206 91745		Polar White/Black 1,6 mm PS234-206 91742 2,4 mm PS234-207 91759		Blue/White 1,6 mm PS512-206 91746
	Yellow/Black 1,6 mm PS704-206 91743		White/Black 0,8 mm PS204-203 91741 1,6 mm PS204-206 91744		Black/White 1,6 mm PS402-206 91747

	White/Red 1,6 mm PS206-206 91749		Airforce Blue/White 1,6 mm PS532-206 91753		White/Blue 1,6 mm PS205-206 91758
	Red/Black 1,6 mm PS604-206 91752		Purple/White 1,6 mm PS582-206 91754		Grey/White 2,4 mm PS302-207 91760
	Orange/White 1,6 mm PS612-206 PS612-206		White/Green 1,6 mm PS209-206 91756		Grey/Black 1,6 mm PS304-206 91748
	Orange/Black 1,6 mm PS614-206 91751		Green/White 1,6 mm PS932-206 91755		
	White/Red/White 3,2 mm PS206-309 91766		White/Black/White 1,6 mm PS234-306 91750 3,2 mm PS234-309 91763		White/Blue/White 3,2 mm PS205-309 91767
	Red/White/Red 3,2 mm PS602-309 91764		Black/White/Black 3,2 mm PS402-309 91765		Blue/White/Blue 3,2 mm PS512-309 91761
	Burgundy/White/ Burgundy 3,2 mm PS622-309 91769		Yellow/Black/Yellow 3,2 mm PS704-309 91762		Green/White/Green 3,2 mm PS932-309 91768

→ TroPly Ultra

TroPly Ultra is a UV stable, non-glare modified acrylic laminate for internal or external applications. The thicker cap increases protection providing an ideal solution for harsh environments or external professional signage and directories.

Applications

- Exterior & Interior Signs
- Badges
- Safety Signs
- Control Panels
- Braille Signage
- Plant Labels



→ Material Features

Material: Multi surface impact acrylic, 2 ply

Finish: matt

Thickness: 1,6 mm / 3,2 mm

Engraving depth: 0,30 mm

Cutting method: saw

Sheet size: 1220 x 610 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Rotary material



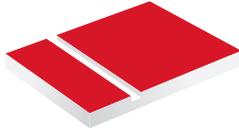
Interior use

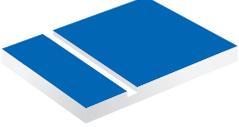
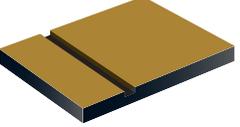
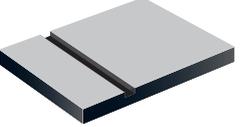
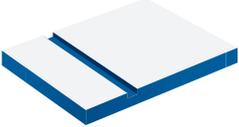
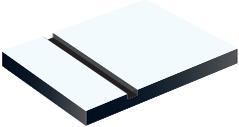


Exterior use



Adhesive possible

	<p>White/Red 1,6 PU206-206 <small>91723</small> 3,2 PU206-209 <small>91736</small> mm</p>		<p>Yellow/Black 1,6 PU704-206 <small>91726</small> 3,2 PU704-209 <small>91738</small> mm</p>		<p>White/Black 1,6 PU204-206 <small>91715</small> 3,2 PU204-209 <small>91730</small> mm</p>
	<p>Red/White 1,6 PU602-206 <small>91716</small> 3,2 PU602-209 <small>91733</small> mm</p>		<p>Blue/White 1,6 PU512-206 <small>91725</small> 3,2 PU512-209 <small>91734</small> mm</p>		<p>Black/White 1,6 PU402-206 <small>91718</small> 3,2 PU402-209 <small>91731</small> mm</p>

	<p>Ruby/White 3,2 PU632-209 <small>91735</small> mm</p>		<p>Sapphire/White 1,6 PU562-206 <small>91721</small> mm</p>		<p>Vintage Gold/Black 1,6 PU774-206 <small>91720</small> mm</p>
	<p>Bright Green/White 1,6 PU932-206 <small>91724</small> 3,2 PU932-209 <small>91739</small> mm</p>		<p>Safety Yellow/Black 1,6 PU794-206 <small>91719</small> 3,2 PU794-209 <small>91732</small> mm</p>		<p>Vintage Silver/Black 1,6 PU384-206 <small>91717</small> 3,2 PU384-209 <small>91737</small> mm</p>
	<p>Hunter Green/White 1,6 PU992-206 <small>91728</small> mm</p>		<p>White/Blue 1,6 PU205-206 <small>91727</small> 3,2 PU205-209 <small>91740</small> mm</p>		<p>Black/Gold 1,6 PU417-206 <small>91729</small> mm</p>
			<p>Polar White/Black 1,6 PU234-206 <small>104841</small> 3,2 PU234-209 <small>104862</small> mm</p>		

→ TroPly Ultra Reverse

TroPly Ultra Reverse is a transparent acrylic glass with a coating on the back. A transparent image is created by engraving the coloured back. This engraving can then be filled with colours. The protective transparent acrylic glass in combination with the deep coloured layer on the back makes TroPly Ultra Reverse resistant to adverse external influences and easy to clean.

Applications

- Exterior & Interior Signs
- Badges
- Safety Signs
- Information Signs
- Braille Signage
- Industrial Signs



→ Material Features

Material: Laminated impact acrylic, 1 ply / 2 ply

Finish: matt

Thickness: 0,8 mm / 1 mm / 1,6 mm / 3,2 mm

Engraving depth: 0,30 mm

Cutting method: saw

Sheet size: 1220 x 610 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Rotary material



Interior use

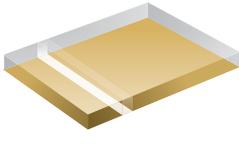
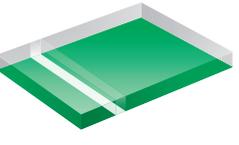
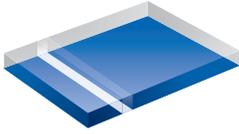
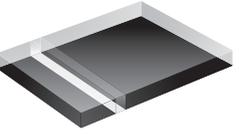
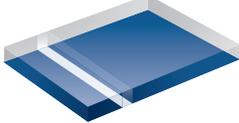
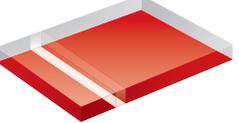
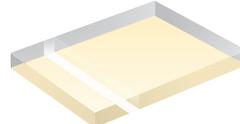
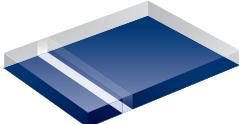
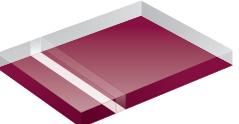
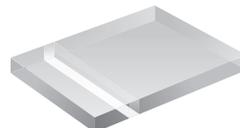
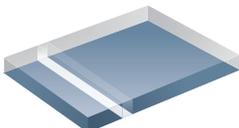
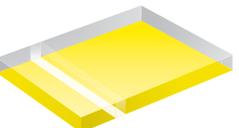


Exterior use



Reverse

→ TroPly Ultra Reverse

	<p>Clear single ply</p> <p>0,8 PUR101-103 <i>91697</i></p> <p>1,0 PUR101-104 <i>91698</i></p> <p>1,6 PUR101-106 <i>91699</i></p> <p>3,2 PUR101-109 <i>91712</i> mm</p>		<p>Matt/Gold</p> <p>1,6 PUR731-206 <i>94197</i></p> <p>3,2 PUR731-209 <i>94198</i> mm</p>		<p>Matt/Green</p> <p>1,6 PUR911-206 <i>91704</i> mm</p>
	<p>Matt/White</p> <p>1,6 PUR201-206 <i>91700</i></p> <p>3,2 PUR201-209 <i>91713</i> mm</p>		<p>Matt/Sapphire</p> <p>1,6 PUR561-206 <i>91702</i> mm</p>		<p>Matt/Black</p> <p>1,6 PUR401-206 <i>91701</i></p> <p>3,2 PUR401-209 <i>91711</i> mm</p>
	<p>Matt/Polar White</p> <p>1,6 PUR230-206 <i>104863</i> mm</p>		<p>Matt/Blue</p> <p>1,6 PUR511-206 <i>94195</i></p> <p>3,2 PUR511-209 <i>94196</i> mm</p>		<p>Matt/Red</p> <p>1,6 PUR601-206 <i>91707</i> mm</p>
	<p>Matt/Ivory</p> <p>1,6 PUR231-206 <i>91710</i> mm</p>		<p>Matt/Airforce Blue</p> <p>1,6 PUR541-206 <i>91705</i> mm</p>		<p>Matt/Burgundy</p> <p>1,6 PUR631-206 <i>91706</i> mm</p>
	<p>Matt/Vintage Silver</p> <p>1,6 PUR371-206 <i>91703</i></p> <p>3,2 PUR371-209 <i>91714</i> mm</p>		<p>Matt/China Blue</p> <p>1,6 PUR381-206 <i>91708</i> mm</p>		<p>Matt/Yellow</p> <p>1,6 PUR701-206 <i>91709</i> mm</p>

→ TroPly HiGloss

TroPly HiGloss is highly polished, lustrous in colour and UV stable, suited to both internal and external applications. A thick cap offers resistance to abrasion and whilst suited to mechanical engraving, its modified acrylic composition enables the added advantage of being able to cut intricate shapes using a laser.

Applications

- Exterior & Interior Signs
- Badges
- Safety Signs
- Information Signs
- Industrial Signs
- Plant Labels



→ Material Features

Material: Laminated impact acrylic, 2 ply / 3 ply

Finish: gloss

Thickness: 1,6 mm / 3,2 mm

Engraving depth: 0,30 mm

Cutting method: saw

Sheet size: 1220 x 610 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Rotary material



Interior use



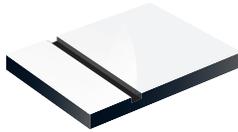
Exterior use



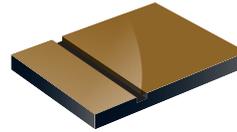
Adhesive possible



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



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



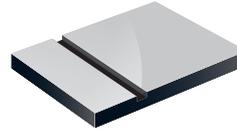
Vintage Gold/
 Black
1,6 PH774-206
 91792
3,2 PH774-209
 91815
 mm



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



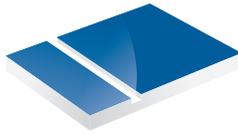
Black/White
1,6 PH402-206
 91791
3,2 PH402-209
 91816
 mm



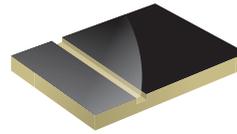
Vintage Silver/
 Black
1,6 PH384-206
 91794
3,2 PH384-209
 91812
 mm



Ruby/White
1,6 PH632-206
 91802
 mm



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



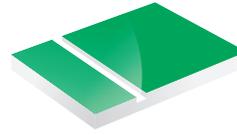
Black/Gold
1,6 PH417-206
 91805
 mm



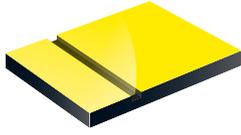
White/Red
1,6 PH206-206
 91799
3,2 PH206-209
 91819
 mm



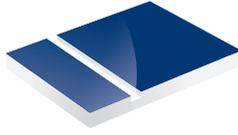
Sapphire/White
1,6 PH562-206
 91796
 mm



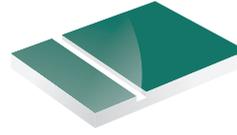
Green/White
1,6 PH932-206
 91803
3,2 PH932-209
 91824
 mm



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



Airforce Blue/White
1,6 PH542-206
 91801
 mm



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



Ivory/Dark Brown
1,6 PH228-206
 91807
 mm



White/Blue
1,6 PH205-206
 91798
3,2 PH205-209
 91825
 mm



Polar White/Black
1,6 PH234-206
 104864
3,2 PH234-209
 104865
 mm



Red/White/
 Red
1,6 PH602-306
 91808
3,2 PH602-309
 91821
 mm



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



Blue/White/
 Blue
1,6 PH512-306
 91809
 mm



White/Red/
 White
3,2 PH206-309
 91814
 mm



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



Green/White/
 Green
1,6 PH932-306
 91810
 mm

→ TroPly HiGloss Reverse

TroPly HiGloss Reverse is polished to a high gloss finish and can be marked on the back, thus creating high-quality signage products. The material is UV stable and weather-proof and therefore suitable for indoor and outdoor use. A 3D effect can be achieved by using an appropriate milling cutter. The material is ideal for back-lighting.

Applications

- Interior Signs
- Exterior Signs
- Control Panels
- Safety Signs
- Industrial Signs



→ Material Features

Material: Acrylic, 1 ply / 2 ply

Finish: gloss

Thickness: 1,6 mm / 3,2 mm

Engraving depth: 0,30 mm

Cutting method: saw

Sheet size: 1220 x 610 mm, 610 x 610 mm (half), 610 x 305 mm (quarter)



Rotary material



Interior use

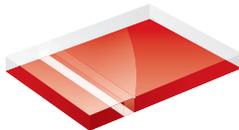
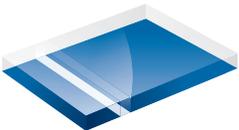
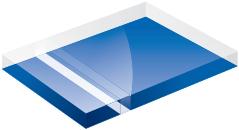
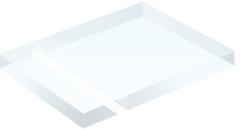
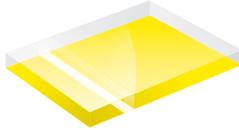
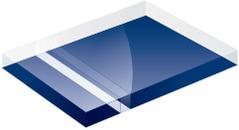
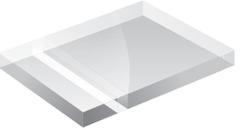
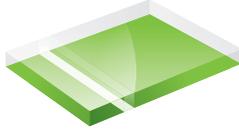
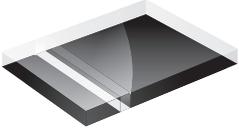
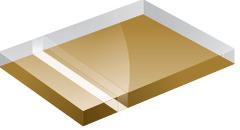
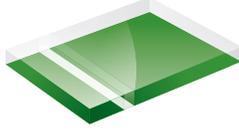
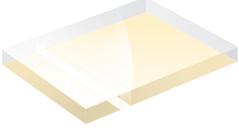


Exterior use



Reverse

→ TroPly HiGloss Reverse

	<p>Clear/Red</p> <p>1,6 PHR600-206 91772</p> <p>3,2 PHR600-209 91780</p> <p>mm</p>		<p>Clear/Blue</p> <p>1,6 PHR510-206 101588</p> <p>3,2 PHR510-209 91788</p> <p>mm</p>		<p>Clear/White</p> <p>1,6 PHR200-206 91771</p> <p>3,2 PHR200-209 91777</p> <p>mm</p>
	<p>Clear/Burgundy</p> <p>3,2 PHR630-209 91785</p> <p>mm</p>		<p>Clear/Sapphire</p> <p>3,2 PHR560-209 91783</p> <p>mm</p>		<p>Clear/Polar White</p> <p>1,6 PHR220-206 104866</p> <p>3,2 PHR220-209 104867</p> <p>mm</p>
	<p>Clear/Yellow</p> <p>1,6 PHR700-206 91776</p> <p>3,2 PHR700-209 91787</p> <p>mm</p>		<p>Clear/Airforce Blue</p> <p>1,6 PHR540-206 91774</p> <p>3,2 PHR540-209 91781</p> <p>mm</p>		<p>Clear/Silver</p> <p>1,6 PHR370-206 103602</p> <p>3,2 PHR370-209 91779</p> <p>mm</p>
	<p>Clear/Green</p> <p>1,6 PHR900-206 91775</p> <p>3,2 PHR900-209 91784</p> <p>mm</p>		<p>Clear/Black</p> <p>1,6 PHR400-206 91773</p> <p>3,2 PHR400-209 91778</p> <p>mm</p>		<p>Clear /Gold</p> <p>1,6 PHR750-206 94192</p> <p>3,2 PHR750-209 94194</p> <p>mm</p>
	<p>Clear/Teal Green</p> <p>3,2 PHR910-209 91786</p> <p>mm</p>		<p>Clear/Ivory</p> <p>3,2 PHR230-209 91782</p> <p>mm</p>		<p>Clear single ply</p> <p>1,6 PHR100-106 91770</p> <p>3,2 PHR100-109 91789</p> <p>mm</p>

→ Anodised Aluminium

Anodised or colour anodised aluminum is suitable both for engraving with a CO₂ laser and with mechanical engraving devices. The protective anodised coating remains intact during laser processing. The image contrast is caused by the removal of the coloured coating and almost photographic qualities can be achieved. A detailed, white engraved image is created.

Applications

- Exterior & Interior Signs
- Type Plates
- Serial Number Plates
- Barcodes
- Signs with advertising impact
- ID Tags



→ Material Features

Material: anodised aluminium, single ply

Finish: matt, gloss

Thickness:

matt: 0,5 / 1,0 / 1,5 / 2,0 / 3,0 mm

gloss: 1,0 / 1,5 / 2,0 mm

Cutting method: saw, guillotine

Sheet size: 1000 x 500 mm



Laser material



Rotary material



Interior use

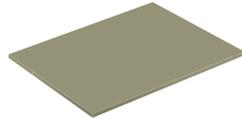


Exterior use

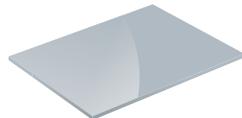
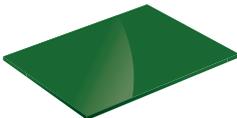
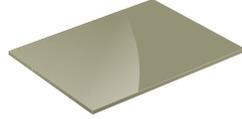
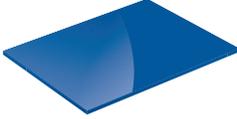
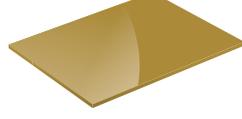
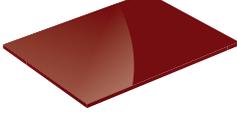


Adhesive possible

→ Anodised Aluminium Matt

	<p>Aluminium Satin Silver matt</p> <table border="0"> <tr><td>0,5</td><td>30105-00 5277</td></tr> <tr><td>1,0</td><td>30110-00 3503</td></tr> <tr><td>1,5</td><td>30115-00 3544</td></tr> <tr><td>2,0</td><td>30120-00 4256</td></tr> <tr><td>3,0</td><td>30130-00 4806</td></tr> <tr><td colspan="2">mm</td></tr> </table>	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	mm			<p>Black matt</p> <table border="0"> <tr><td>0,5</td><td>30105-10 4671</td></tr> <tr><td>1,0</td><td>30110-10 3504</td></tr> <tr><td>1,5</td><td>30115-10 3545</td></tr> <tr><td>2,0</td><td>30120-10 4187</td></tr> <tr><td>3,0</td><td>30130-10 9075</td></tr> <tr><td colspan="2">mm</td></tr> </table>	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	mm			<p>Green matt</p> <table border="0"> <tr><td>0,5</td><td>30105-40 34356</td></tr> <tr><td>1,0</td><td>30110-40 3509</td></tr> <tr><td>1,5</td><td>30115-40 3548</td></tr> <tr><td>2,0</td><td>30120-40 4185</td></tr> <tr><td>3,0</td><td>30130-40 65331</td></tr> <tr><td colspan="2">mm</td></tr> </table>	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	mm	
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	<p>Stainless Steel matt</p> <table border="0"> <tr><td>1,0</td><td>30110-90 12659</td></tr> <tr><td>1,5</td><td>30115-90 4603</td></tr> <tr><td>2,0</td><td>30120-90 13667</td></tr> <tr><td colspan="2">mm</td></tr> </table>	1,0	30110-90 12659	1,5	30115-90 4603	2,0	30120-90 13667	mm																																	
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→ Anodised Aluminium Gloss

	<p>Aluminium Satin Silver gloss</p> <table border="0"> <tr><td>1,0</td><td>30210-00 3563</td></tr> <tr><td>1,5</td><td>30215-00 3582</td></tr> <tr><td>2,0</td><td>30220-00 4483</td></tr> <tr><td colspan="2">mm</td></tr> </table>	1,0	30210-00 3563	1,5	30215-00 3582	2,0	30220-00 4483	mm			<p>Black gloss</p> <table border="0"> <tr><td>1,0</td><td>30210-10 3564</td></tr> <tr><td>1,5</td><td>30215-10 3583</td></tr> <tr><td>2,0</td><td>30220-10 46422</td></tr> <tr><td colspan="2">mm</td></tr> </table>	1,0	30210-10 3564	1,5	30215-10 3583	2,0	30220-10 46422	mm			<p>Green gloss</p> <table border="0"> <tr><td>1,0</td><td>30210-40 3567</td></tr> <tr><td>1,5</td><td>30215-40 3587</td></tr> <tr><td>2,0</td><td>30220-40 65304</td></tr> <tr><td colspan="2">mm</td></tr> </table>	1,0	30210-40 3567	1,5	30215-40 3587	2,0	30220-40 65304	mm	
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DuraBlack® is a coated aluminum with a black surface, which can be marked in white with a CO₂ laser. Due to the additional layer of protection, DuraBlack® is particularly resistant to environmental influences (weathering, salt water, chemicals, etc.). DuraBlack® conforms with various industrial and military standards, including MIL-STD 130N, A-A-50271 (MIL-P-514D) and MIL-STD-15024F, Type L.

Applications

- Exterior & Interior Signs
- Type Plates
- Badges
- Materials Handling
- Military Signage



→ Material Features

Material: Aluminium, anodised
 Finish: matt
 Thickness: 0,5 mm
 Cutting method: saw, guillotine
 Sheet size: 508 x 609 mm



Laser material



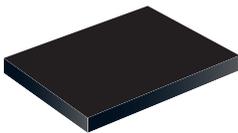
Interior use



Exterior use



Adhesive possible



Black matt
 0,5 mm 77795

AlumaMark® is a coated aluminum, which can be marked in black with a CO₂ laser. AlumaMark® is designed in such a way that even low laser power levels can create a high-contrast engraving.

Applications

- Interior Signs
- Name Plates
- Badges
- Trophy Signs
- Labels



→ Material Features

Material: Aluminium, anodised
 Finish: matt
 Thickness: 0,5 mm
 Cutting method: saw, guillotine
 Sheet size: 508 x 609 mm



Laser material



Interior use



Adhesive possible



Satin Gold
 (508 x 609 mm)
0,5 3948
 mm



Satin Silber
 (508 x 609 mm)
0,5 3947
 mm



Satin Bronze
 (305x508 mm)
0,5 47629
 mm



Mirror Gold
 (305x508 mm)
0,5 47639
 mm



Mirror Silber
 (305x508 mm)
0,5 47638
 mm



Satin Brass
 (305x508 mm)
0,5 47630
 mm

→ Solid Wood

Available in five luxurious finishes our solid wood panels are ideally suited for the requirements of laser processing. A sanded, matt and varnished surface offers an authentic high quality appearance and durability. Incredibly versatile our panels can be used for a multitude of applications such as small interior signage, interior decorations, fashion accessories and promotional giftware.

Applications

- Interior Signs
- Arts and crafts
- Promotional items
- Awards and trophies



→ Material Features

Material: Solid wood

Finish: sanded and varnished, matt

Thickness: 5 mm, 3 mm (Alder)

Cutting method: saw, laser

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



Laser material



Rotary material



Interior use

Maple



600 x 300 x 5 120182

300 x 100 x 5 120166
mm

Oak



600 x 300 x 5 120183

300 x 100 x 5 120167
mm

Cherry



600 x 300 x 5 120185

300 x 100 x 5 120170
mm

Walnut



600 x 300 x 5 120186

300 x 100 x 5 120171
mm

Alder



600 x 300 x 5 120184

300 x 100 x 5 120169

300 x 100 x 3 120168
mm

→ Wood Veneer

Our veneered wood is supplied with a formaldehyde free fiber board core with real wood laminated on either side. Sanded smooth and semi-matt varnished, they are suitable for a wide range of applications.

Applications

- Interior Signs
- Gifts
- Architectural model making
- Arts and crafts



→ Material Features

Material: Veneered wood sheets
 Finish: semi-matt, sanded and varnished
 Thickness: 3 mm
 Cutting method: saw, laser
 Sheet size: 600 x 300 mm



Laser material



Rotary material



Interior use



Cherry
3,0 mm 119801



Cedar
3,0 mm 119953



Maple
3,0 mm 119798



Birch
3,0 mm 119800



Bamboo
3,0 mm 119799



Walnut
3,0 mm 119952

→ Plywood and MDF

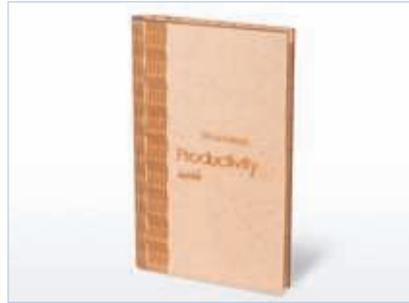
The MDF fibreboard panels feature a high surface quality and homogenous fibre structure. The high fibre density allow for great results even in fine-detail laser cutting.

The Plywood panels are made from softwood, combining lightweight characteristics with improved dimensional stability.

The untreated, bright surface is ideally for laser marking or to be painted on.

Applications

- Architectural model making
- Prototyping
- Giftware, Toys
- Signage
- Arts & crafts
- Furniture, Intarsia



→ Material features

Material: MDF, Plywood poplar

Finish: untreated

Thickness: 3 mm, 6 mm

Cutting method: saw, laser

Sheet size: 1220 x 600 mm (MDF), 600 x 300 mm, 300 x 300 mm



Laser material



Rotary material



Interior use



Plywood
600 x 300 mm

3,0 68987

6,0 68990

300 x 300 mm

3,0 68988
mm



MDF
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
mm

Tips

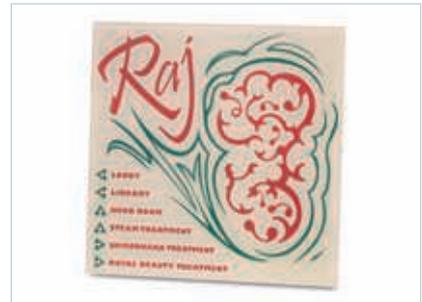
We recommend that you allow time for the wood to acclimatise to its new environment before processing. Ideally maintain in an area with constant temperature/humidity.

→ Colour Fillings

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.

Applications

- Indoor and outdoor signs
- Homogenous colour filling of engraved spots
- Signs in various colours
- Colour effects with individually mixed colours



→ Acrylic Paint

	Colour	Size / Can	Order Number
	Black	29,57 ml	74163
	Red	29,57 ml	74164
	White	29,57 ml	74165
	Blue	29,57 ml	74166
	Silver	29,57 ml	74169
	Gold	29,57 ml	90961
	Green	29,57 ml	90550
	Yellow	29,57 ml	90875

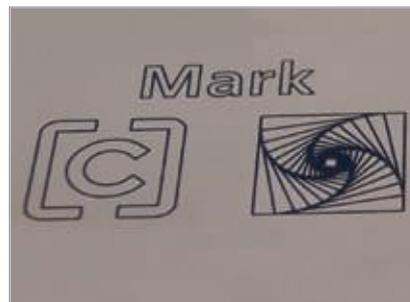
→ Laser marking solutions

Creating black markings on metals, glass and ceramics

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.

Applications

- Bar coding
- Product serialisation
- Logos
- Decorative marking
- Individual pieces



→ Laser marking metals

	Product	Size	Order Number
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 Number
liquid	markSolid Liquid Glass/Ceramic 590 to be applied by airbrush	100g	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 even 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.



3. 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

markSolid Paste Metal 015
50 g, 100 g, 200 g, 500 g

Application

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

Black marking on glass and ceramic
Liquid can be applied using an airbrush.

* Spray not recommended for airfreight

→ Laser Rubber Sheets

Our innovative Trodat stamp rubber has been specially developed to deliver the best engraving results and highest productivity. 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.



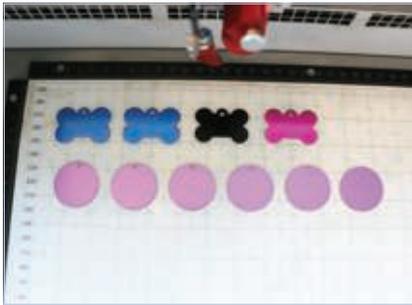
	Product	Size	Colour	Order Number
	TEMPO Speed laser rubber <ul style="list-style-type: none"> • Up to 21% faster than standard laser rubber • Excellent engraving and imprint quality • 55° Shore-A 	A4 / 2,3mm	orange (850206)	34242
	AERO Odourless laser rubber <ul style="list-style-type: none"> • Low odour while engraving • As fast as standard laser rubber • Very easy to clean • 60° Shore-A 	A4 / 2,3mm A3 / 2,3mm	light grey (850208) light grey (850208)	34192 (A4) 36877 (A3)
	ECO Ecological laser rubber from natural rubber <ul style="list-style-type: none"> • Made from 100% natural rubber • 55° Shore-A • Water-based ink 	A4 / 2,3mm	green (850202)	34244
	CLASSICO Reliable standard laser rubber <ul style="list-style-type: none"> • Solvent-resistant • 60° Shore-A 	A4 / 2,3mm or A4 / 1,5mm (for Goldring)	grey (850205)	34248 (2,3 mm) 34270 (1,5 mm)
	OLIO Oil-resistant laser rubber <ul style="list-style-type: none"> • No expansion with oil-based inks • 55° Shore-A 	A4 / 2,3mm	black (850203)	34246
	SOFT Soft laser rubber <ul style="list-style-type: none"> • Suitable for bold letters and holoedral designs • Low odour and easy to clean • 50° Shore-A 	A4 / 2,3mm A3 / 2,3 mm	blue (850209)	62229 (A4) 62230 (A3)

→ Seklema Workholding Mat

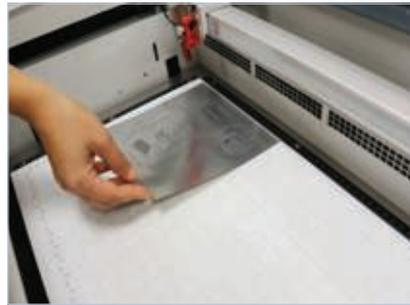
The Seklema Mat is a thin plastic with a special coating on both sides. Using the Seklema mat allows laser and rotary users without a vacuum table to hold down a workpiece and prevent it from moving while operating. No tape, clamps or additional adhesives are required. Also recommended for applications where the vacuum table cannot be fully utilized – for example when marking or engraving a high number of small pieces.

Applications

- Holds material flat on the table
- For laser and rotary users without vacuum table
- Fixation of small items



Easy to fix small items



Material can be released easily again



Workholding mat is available in various sizes.

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

Tips

Seklema 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

	Material		Engraving		Use		Ply			Handling		Scoring
			Laser	Mechanical engraving	Exterior	Interior	1	2	3	Front	Reverse engraving (optional colour fill)	
Laserable Materials	TroLase	4	X	X	X	X		X	X	X		X
	TroLase Metallic Plus	6	X	X	X	X		X		X		X
	TroLase Metallic	6	X	X		X		X		X		X
	TroLase Reverse	8	X	X	X	X		X			X	X
	TroLase ADA Signage	10	X	X	X	X	X			X		X
	TroLase Thins	12	X	X		X	X	X		X		X
	TroLase Textures	14	X	X	X	X	(X)	X		X		X
	TroLase Lights	16	X	X	X	X		X		X		X
	LaserFlex	17	X		X	X	X				X	
	TroGlass	TroGlass Series	18	X	X	X	X	X			X	X
TroGlass Clear		26	X	X	X	X	X			X	X	
Rotary Materials	TroPly	28		X		X		X	X	X		X
	TroPly Metallic Plus	30		X		X		X		X		X
	TroPly Metallic	30		X		X		X		X		X
	TroPly Satins	32		X		X		X	X	X		X
	TroPly Ultra	34		X	X	X		X		X		X
	TroPly Ultra Reverse	36		X	X	X	X	X			X	X
	TroPly HiGloss	38		X	X	X		X	X	X		X
	TroPly HiGloss Reverse	40		X	X	X	X	X			X	X
Metals	Anodised Aluminium	42	X	X	X	X	X			X		
	DuraBlack	44	X		X	X	X			X		
	AlumaMark	45	X			X	X			X		

Finishing

Saw	Drill	Guillotine (less than 3,0 mm)	Laser Cutting	Bevel	Hot Bendable	Screen printing	Bonding	ADA Compliant	Hot Stamping	Material
X	X	X	X	X	X	X	X		X	4 TroLase
X	X	X	X	X	X	X	X		X	6 TroLase Metallic Plus
X	X	X	X	X	X	X	X		X	6 TroLase Metallic
X	X	X	X	X	X	X	X		X	8 TroLase Reverse
X	X	X	X	X	X	X	X	X	X	10 TroLase ADA Signage
X	X	X	X			X	X		X	12 TroLase Thins
X	X	X	X	X	X	X	X		X	14 TroLase Textures
		X	X				X			16 TroLase Lights
		X	X							17 LaserFlex

Laserable Materials

X	X		X	X	X	X	X		X	18 TroGlass Series
X	X		X	X	X	X	X		X	26 TroGlass Clear

TroGlass

X	X	X		X	X	X	X		X	28 TroPly
X	X	X		X	X	X	X		X	30 TroPly Metallic Plus
X	X	X		X	X	X	X		X	30 TroPly Metallic
X	X	X		X	X	X	X		X	32 TroPly Satins
X	X	X	X	X	X	X	X	X	X	34 TroPly Ultra
X	X	X	X	X	X	X	X	X	X	36 TroPly Ultra Reverse
X	X	X	X	X	X	X	X		X	38 TroPly HiGloss
X	X	X	X	X	X	X	X		X	40 TroPly HiGloss Reverse

Rotary Materials

X	X	X		X		X	X			42 Anodised Aluminium
X	X	X		X						44 DuraBlack
X	X	X		X						45 AlumaMark

Metals

→ 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 3.55 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.



Efficient and environmentally friendly production of rubber stamps



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.

→ Speedy flexx Series

Flexibility by Design



As part of the Speedy family the Speedy flexx Series offers the family's known advantages. The machines of the Speedy flexx Series are equipped with both a CO₂ and a fiber laser source. This allows customers to perform endless applications. The CO₂ laser source is ideally suited for engraving and cutting plastics, wood, rubber, leather, paper, and many other materials. The fiber laser is the right tool for marking metals and plastics. Depending on the material, the two laser sources are activated alternatively. Use both laser sources in a single job without the need to manually change the laser source, lens or focus. The patented flexx function ensures maximum flexibility in the applications. Every Speedy is „ready for flexx“. This means that every machine can be equipped with an additional laser source at a later stage and you are well prepared for the future. Upgrade whenever you are ready.



Wood engraved and metal marked in one process step



CO₂ laser for engraving wood, fiber laser for marking metals



Process an endless variety of materials with Speedy flexx Series

→ Endless Application Possibilities

With machines from the Speedy flexx series you can process an endless variety of materials and fulfill practically every order. No matter which client

request: whether it is engraving glass or textiles, marking metals or plastics or cutting wood or acrylics – with a Speedy flexx you are prepared for the future.

→ 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. The high speed cutting with perfectly matched components ensure an extremely long lifetime and a precise cut. For the SP Series Trotec developed a unique, multifunctional table concept. Depending on the application, the ideal table can be selected and changed easily and quickly.

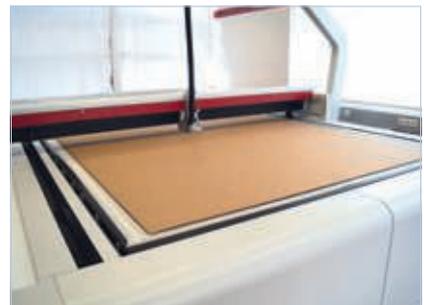
The working areas of SP laser cutters provide enough space for all standard sheet sizes in use today – from 1.245 x 710 mm of the SP500 up to 2.210 x 3.210 mm of the SP3000. Acrylic, textile, paper, cardboard or wooden sheets can be processed efficiently and in a cost-saving way. The SP Series is 100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



Flame-polished result. Cut up to 40 mm 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 POS 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

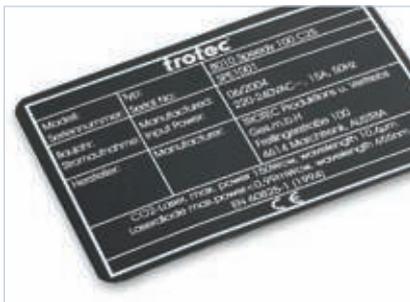
of high quality printed materials like acrylics, cardboard or wood. Whether intricate paper forms, logos or images, the results inspire with incredible detail, precision and quality. Offer new products and services and achieve more profit!

→ 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).



For each application the ideal material

→ Trotec materials for laser and rotary engraving

First class materials for easiest processing

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



trotec[®]
laser. marking cutting engraving

Visit us on:

 www.trotec-materials.com

 trotec@troteclaser.com

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Price list

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

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