Laser and Rotary Materials

trotec®

laser. marking cutting engraving

setting new standards

→ The ideal material
for each application!

Trotec offers solutions for almost all requirements in the field of engraving, cutting and marking. High-quality, innovative laser system solutions as well as highest standard consumables form this outstanding portfolio.

We aim to assist our customers improve profitability and productivity by supplying Trotec materials which offer superior results first time, offering additional services such as our in house ‚cut to size' service and providing a one stop shop solution, allowing our clients to purchase all their products via one call or email.

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

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

→ Contact

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trotec@troteclaser.com
www.trotec-materials.com

→ Catalogue Contents

Laser material
Applicable to materials with an acrylic core. Many coated or anodised metals can be laser engraved or marked but cannot be vector cut.

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

Self-adhesive film
Adhesive backing can be applied to many materials. Save time and order material sheets that are already self-adhesive.

Engraving materials
This material (usually with ABS core) is suitable for use with mechanical engraving devices.

Indoor use
This material is not suitable for long-term, unprotected use in outdoor areas (UV exposure may cause discolouration).

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.

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

→ TroLase

TroLase is an 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 non-glare, gloss
Thickness: 0,8 mm / 1,6 mm / 3,2 mm
Engraving depth: 0,08 mm
Cutting method: laser, saw, guillotine
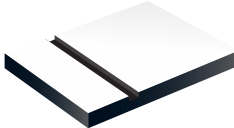**Sheet size:** 1245 x 616 mm

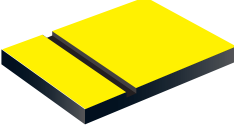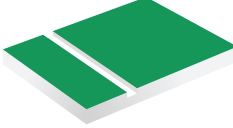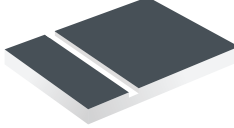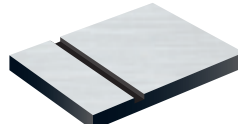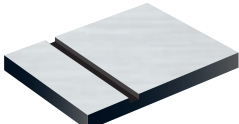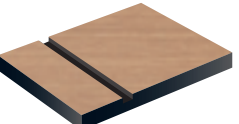| Laser material	Rotary material	Interior use	Exterior use

ℹ Selected colours are also available in a 3-ply finish. Here, in addition to the surface and core layers there is an extra layer in the colour and thickness of the surface layer applied on the back.

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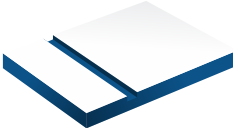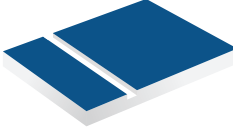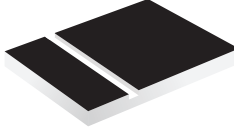
White/Red
0,8	L206-203	86585
1,6	L206-206	71584
3,2 mm	L206-209	86591

White/Blue
1,6 mm	L205-206	71565

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

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

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

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

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

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

Smoke Grey/White
1,6 mm	L312-206	71614

Burgundy/White
1,6 mm	L622-206	71852

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

Light Grey/White
1,6 mm	L322-206	86555

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

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

Almond/Black
1,6 mm	L854-206	71911

Yellow/Red
1,6 mm	L706-206	86590

Purple/White
1,6 mm	L582-206	71804

Black/Silver
1,6 mm	L413-206	86587

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

Dark Brown/White
1,6 mm	L842-206	71909

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

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

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

Black/Gold
1,6 mm	L417-206	71759

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

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

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

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

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
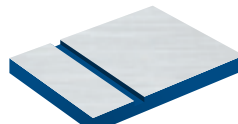**Sheet size:** 1245 x 616 mm

Laser material | Rotary material | Interior use | Exterior use

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
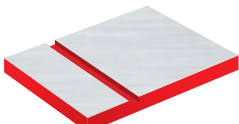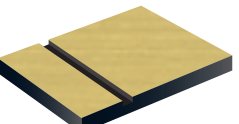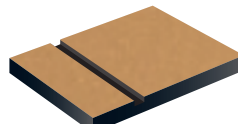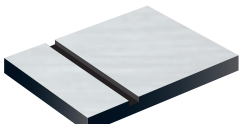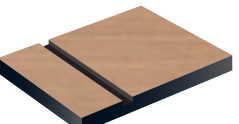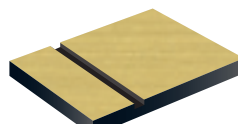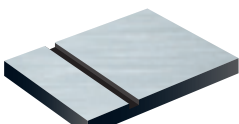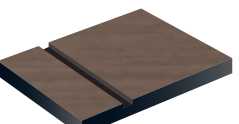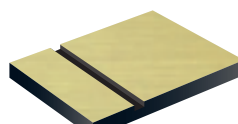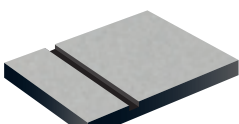
Laser material | Rotary material | Interior use

→ TroLase Metallic Plus

Brushed Stainless Steel/Black

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

Brushed Bright Nickel/ Black

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

Brushed Copper/Black

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

Brushed Stainless Steel/ Blue

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

Brushed Stainless Steel/ Red

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

Brushed Gold/Black

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

→ TroLase Metallic

Smooth Gold/Black

0,8	LMT714-203 *86661*
1,6	LMT714-206 *86599*
3,2 mm	LMT714-209 *86662*

Brushed Aluminium/Black

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

Brushed Copper/Black

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

Brushed Gold/Black

0,8	LMT734-203 *86602*
1,6	LMT734-206 *71881*
3,2 mm	LMT734-209 *92076*

Brushed Silver/Black

0,8	LMT334-203 *86619*
1,6	LMT334-206 *71625*
3,2 mm	LMT334-209 *86658*

Brushed Deep Bronze/Black

1,6 mm	LMT884-206 *86648*

European Gold/Black

0,8	LMT754-203 *86600*
1,6	LMT754-206 *71889*
3,2 mm	LMT754-209 *86649*

Smooth Silver/Black

0,8	LMT344-203 *86598*
1,6	LMT344-206 *86597*
3,2 mm	LMT344-209 *86656*

→ 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 of Black backing 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 non-glare, gloss (gold and silver)
Thickness: 1,6 mm
Engraving depth: 0,08 mm
Cutting method: laser, saw
Sheet size: 1245 x 616 mm

| Laser material | Rotary material | Interior use | Exterior use | Reverse |

→ TroLase Reverse
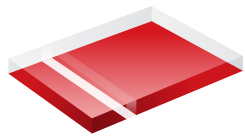
Matt/Red **1,6** mm LR601-206 *71810*

Matt/White **1,6** mm LR201-206 *71521*
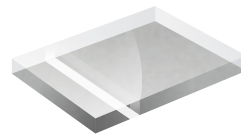
Gloss/Silver **1,6** mm LR340-206 *71630*
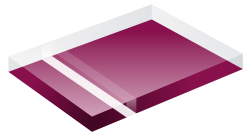
Matt/Burgundy **1,6** mm LR621-206 *71849*
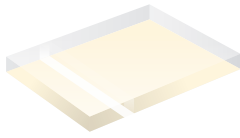
Matt/Ivory **1,6** mm LR221-206 *86557*
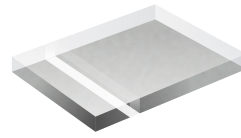
Matt/Silver **1,6** mm LR341-206 *71632*
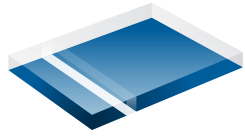
Matt/Blue **1,6** mm LR511-206 *71773*
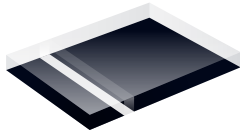
Matt/Black **1,6** mm LR401-206 *71732*
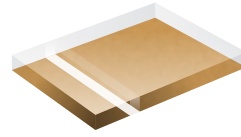
Matt/Gold **1,6** mm LR711-206 *71873*
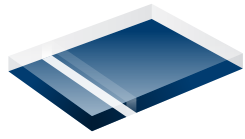
Matt/Navy Blue **1,6** mm LR551-206 *71793*
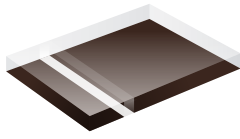
Matt/Dark Brown **1,6** mm LR841-206 *71905*
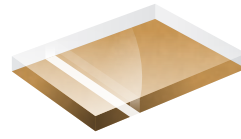
Gloss/Gold **1,6** mm LR710-206 *71872*
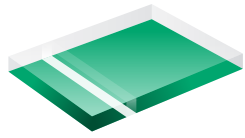
Matt/Green **1,6** mm LR931-206 *86556*
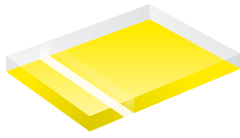
Matt/Yellow **1,6** mm LR701-206 *71853*

→ TroGlass Reverse and Plexiglas®

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 back-lighting an elegant finish can be created. Plexiglas GS® is a clear cast acrylic. It is suitable for applications where excellent transparency is required.

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

→ Material Features TroGlass

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

| Laser material	Rotary material	Interior use	Exterior use	Reverse

→ Material Features Plexiglas®

Material: Cast acrylic, 1 ply
Finish: gloss
Thickness: 2,0 mm / 3,0 mm / 4,0 mm / 5,0 mm / 6,0 mm / 8,0 mm / 10,0 mm
Cutting method: laser, saw
Sheet size: 1500 x 1000 mm

Laser material	Rotary material	Interior use	Exterior use

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

Gloss/Green
3,0	TG4-931 *65005*
5,0	TG5-931 *65008*
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/Gold
3,0	TG4-710 *20631*
5,0	TG5-710 *20637*
mm	

→ Plexiglas®

Clear
2,0	233-020 *5266*
mm	

Clear
5,0	233-050 *3753*
mm	

Clear
8,0	233-080 *3754*
mm	

Clear
3,0	233-030 *3752*
mm	

Clear
6,0	233-060 *4375*
mm	

Clear
10,0	233-100 *3755*
mm	

Clear
4,0	233-040 *14277*
mm	

→ 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
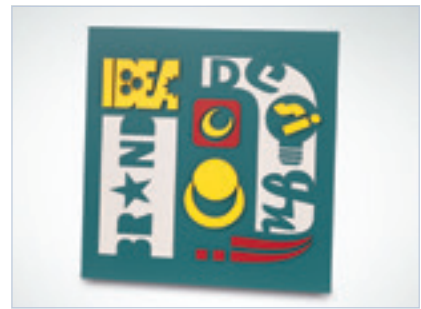
→ Material Features

Material: Single-ply modified acrylic
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

Laser material

Rotary material
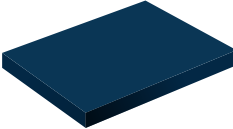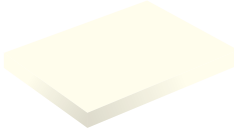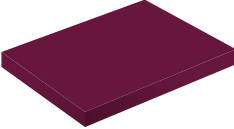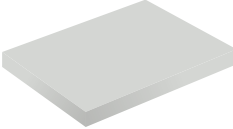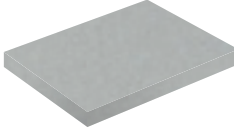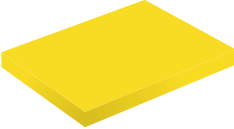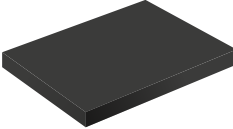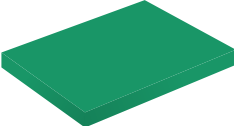
Interior use
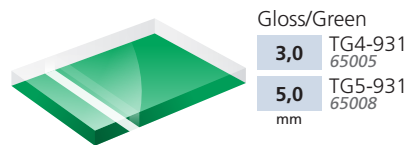
Exterior use

→ TroLase ADA Signage

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

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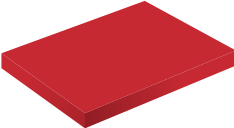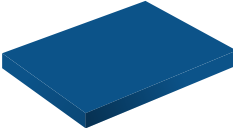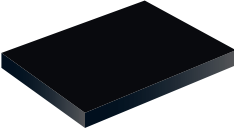|	
0,8	LS401-103 *71727*
1,0	LS401-104 *86504*
1,6	LS401-106 *71729*
3,2	LS401-109 *71730*
mm	

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

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

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

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

Burgundy
1,6	LS602-106 71812
mm	

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

Green
0,8	LS901-103 *86535*
1,6	LS901-106 *86523*
mm	

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

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

Silver
0,8	LS304-103 *86517*
mm	

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

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 grate 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.

11

→ 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, 2 ply
Finish: matt non-glare, gloss, brushed metal
Thickness: 0,5 mm
Engraving depth: 0,08 mm
Cutting method: laser, saw, guillotine
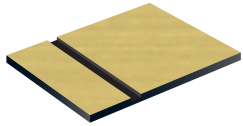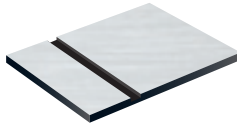**Sheet size:** 1245 x 614 mm

Laser material

Rotary material

Interior use

→ TroLase Thins

Bestseller

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*
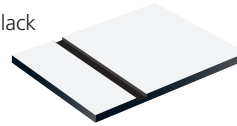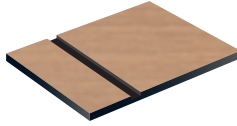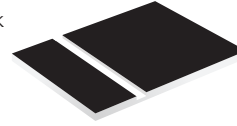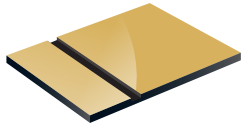
Trophy Gold/Black **0,5** mm LT794-202 *86539*	Brushed Silver/Black **0,5** mm LT334-202 *86544*	Yellow/Black **0,5** mm LT744-202 *71854*
Brushed Bronze/Black **0,5** mm LT874-202 *91643*	Trophy Silver/Black **0,5** mm LT394-202 *86541*	Red/White **0,5** mm LT602-202 *71814*
Deep Bronze/Black **0,5** 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*
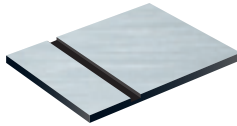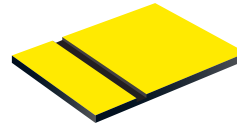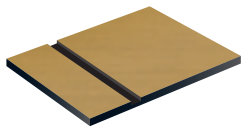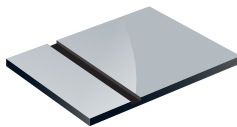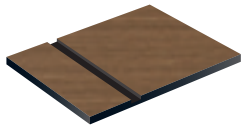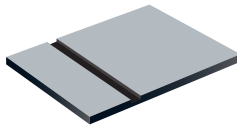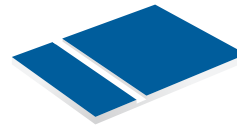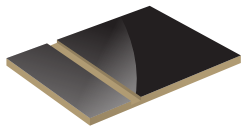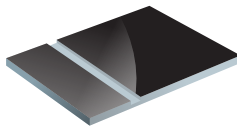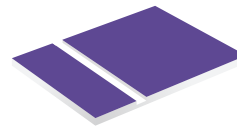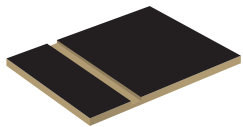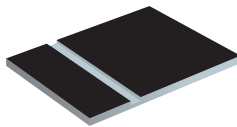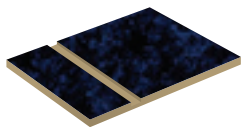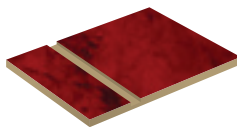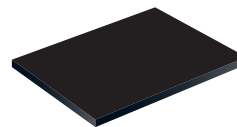
13

→ 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
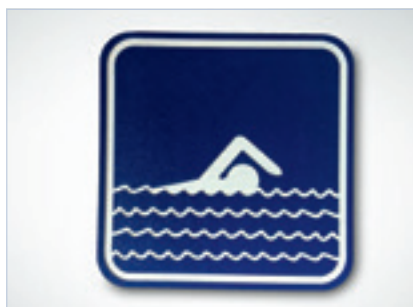
→ Material Features

Material: Co-extruded impact acrylic 2 ply
Finish: textured matt
Thickness: 1,6 mm / 3,2 mm
Engraving depth: 0,18 mm
0,25 mm Red and Yellow
Cutting method: laser, saw, guillotine
Sheet size: 1220 x 610 mm
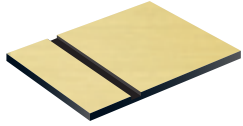
Laser material
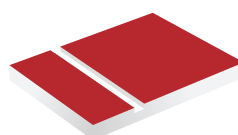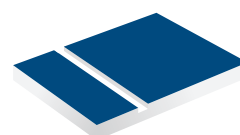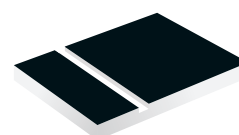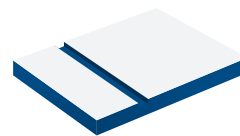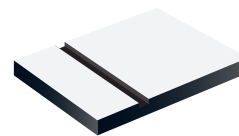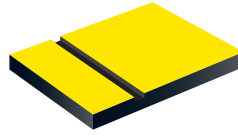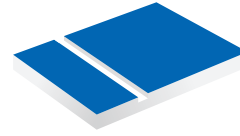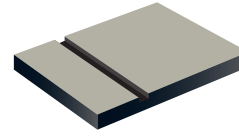
Rotary material

Interior use

Exterior use

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		

→ TroLase Lights

TroLase Lights are a highly flexible UV stable 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
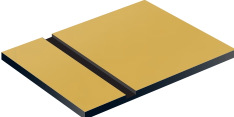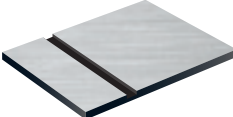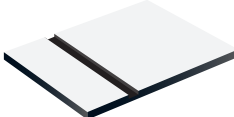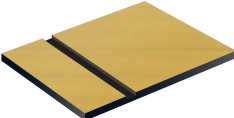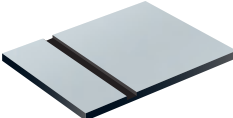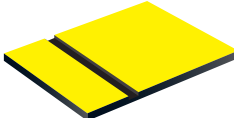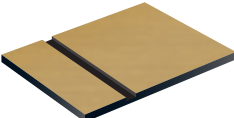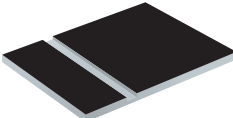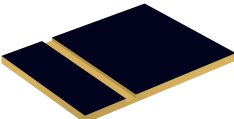
Material	Thickness	Code	Number
Smooth Gold/Black	0,1 mm	LL74-201	71875
Brushed Brass/Black	0,1 mm	LL64-201	71891
Brushed Bronze/Black	0,1 mm	LL69-201	71919
Black/Gold	0,1 mm	LL65-201	71765
Brushed Silver/Black	0,1 mm	LL63-201	71621
Smooth Silver/Black	0,1 mm	LL73-201	71641
Black/Silver	0,1 mm	LL75-201	71762
White/Black	0,1 mm	LL62-201	71531
Yellow/Black	0,1 mm	LL68-201	86554
Black/White	0,1 mm	LL61-201	71738

→ LaserFlex

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 paper
Finish: matt
Thickness: 0,1 mm
Engraving depth: 0,04 mm
Cutting method: laser, guillotine
Sheet size: 420 x 297 mm (A3)

Laser material

Reverse

→ LaserFlex

White
0,1 mm LF200 *65905*
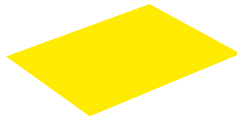
Yellow
0,1 mm LF710 *65941*

Orange
0,1 mm LF612 *65944*

Red
0,1 mm LF600 *65942*
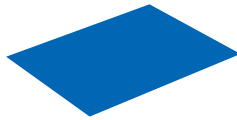
Blue
0,1 mm LF500 *65943*

Marine Blue
0,1 mm LF551 *65939*
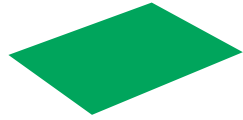
Green
0,1 mm LF931 *65940*

Black
0,1 mm LF400 *65938*

Tips

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

Recommended transfer conditions:

Temperature: 165 °C
Duration: 17 seconds

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

17

→ TroPly

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
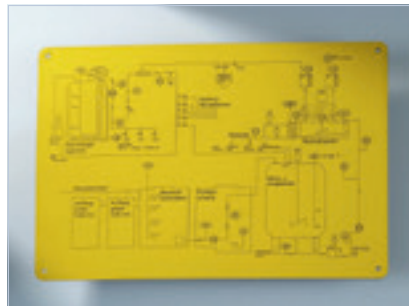
→ Material Features

Material: ABS, 2- / 3 ply
Finish: non-glare
Thickness: 0,8 mm / 1,6 mm / 2,4 mm
Engraving depth: 0,08 mm
Cutting method: saw
Sheet size: 1245 x 616 mm

Rotary material

Interior use

ℹ Selected colours are also available in a 3-ply finish. Here, in addition to the surface and core layers there is an extra layer in the colour and thickness of the surface layer applied on the back.

→ TroPly

White/Red
1,6	P206-206
	71575
mm	

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

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

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

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

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

Red/Bright White
0,8	P642-203
	87098
1,6	P642-206
	87100
mm	

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

White/Green
1,6	P209-206
	86687
mm	

Burgundy/White
0,8	P622-203
	87087
1,6	P622-206
	71851
2,4	P622-207
	87095
mm	

Sapphire/White
1,6	P502-206
	71770
2,4	P502-207
	87082
mm	

White/Pine Green
1,6	P269-206
	71597
mm	

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

Blue/Bright White
0,8	P572-203
	87099
1,6	P572-206
	87102
mm	

White/Blue
1,6	P205-206
	71560
2,4	P205-207
	86685
mm	

Yellow/Red
1,6	P706-206
	86826
mm	

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

Ivory/Dark Brown
0,8	P228-203
	86941
1,6	P228-206
	86677
mm	

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

Green/White
0,8	P932-203
	86701
1,6	P932-206
	71940
2,4	P932-207
	86821
mm	

Almond/Black
0,8	P854-203
	86832
1,6	P854-206
	71910
2,4	P854-207
	87007
mm	

Light Walnut/White
1,6	P172-206
	86827
mm	

Pine Green/White
0,8	P912-203
	86690
1,6	P912-206
	71935
2,4	P912-207
	87006
mm	

Smoke Grey/White
0,8	P312-203
	86823
1,6	P312-206
	71612
2,4	P312-207
	87005
mm	

Engllish Walnut/
Bright White
1,6	P192-206
	71516
mm	

Medium Brown/White
0,8	P822-203
	86835
1,6	P822-206
	71902
mm	

Light Grey/White
1,6	P322-206
	71617
mm	

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

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

Light Grey/Black
0,8	P324-203
	86940
1,6	P324-206
	71618
mm	

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

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

Black/Bright White
0,8	P412-203
	87096
1,6	P412-206
	86819
mm	

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

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

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, by guillotine
Sheet size: 1245 x 616 mm

Rotary material   Interior use

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
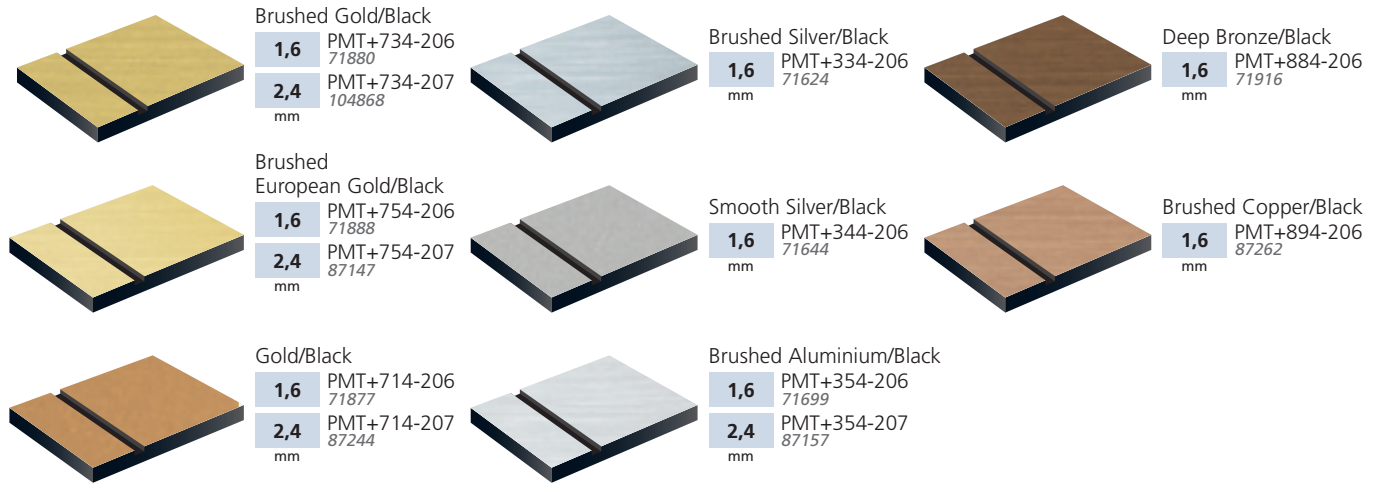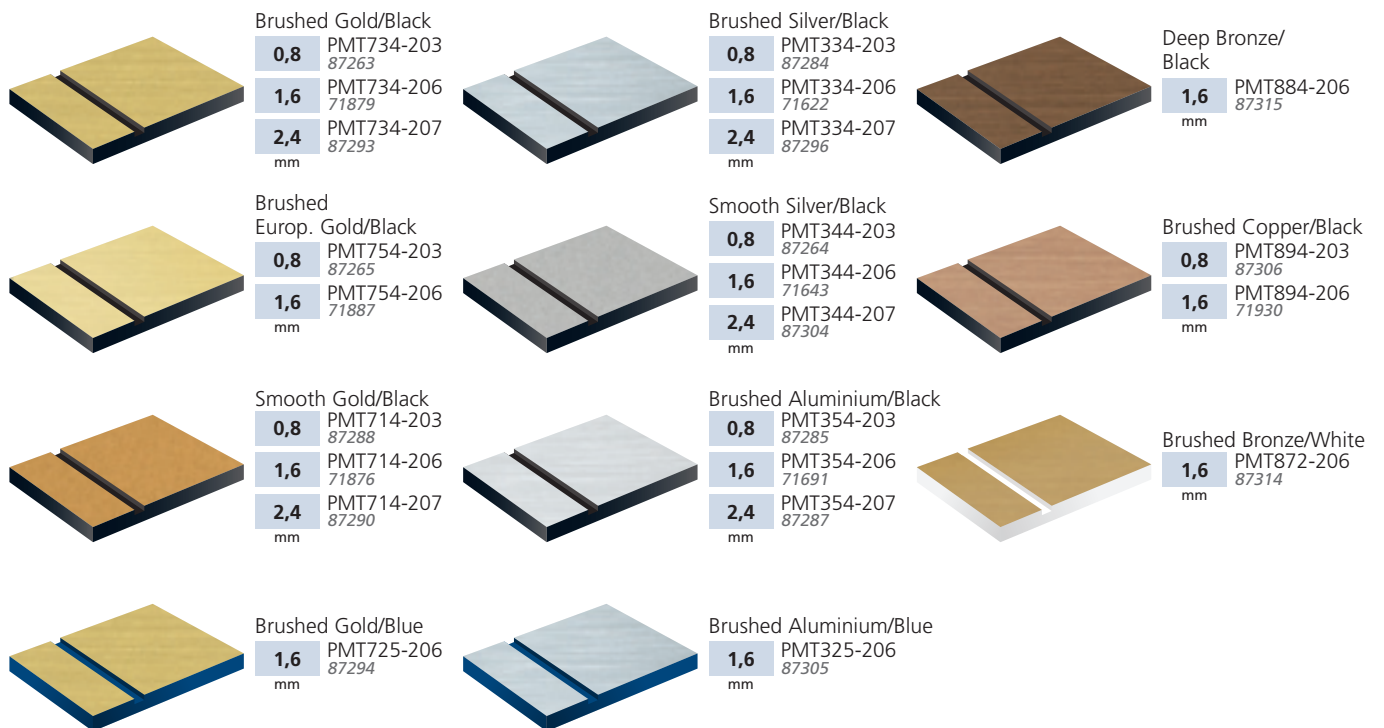**Sheet size:** 1245 x 616 mm

Rotary material   Interior use

→ TroPly Metallic Plus

Brushed Gold/Black
1,6	PMT+734-206
71880	
2,4	PMT+734-207
mm	104868

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

Deep Bronze/Black
| 1,6 | PMT+884-206 |
| mm | 71916 |

Brushed European Gold/Black
1,6	PMT+754-206
71888	
2,4	PMT+754-207
mm	87147

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

Brushed Copper/Black
| 1,6 | PMT+894-206 |
| mm | 87262 |

Gold/Black
1,6	PMT+714-206
71877	
2,4	PMT+714-207
mm	87244

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

→ TroPly Metallic

Brushed Gold/Black
0,8	PMT734-203
	87263
1,6	PMT734-206
	71879
2,4	PMT734-207
mm	87293

Brushed Silver/Black
0,8	PMT334-203
	87284
1,6	PMT334-206
	71622
2,4	PMT334-207
mm	87296

Deep Bronze/Black
| 1,6 | PMT884-206 |
| mm | 87315 |

Brushed Europ. Gold/Black
0,8	PMT754-203
	87265
1,6	PMT754-206
mm	71887

Smooth Silver/Black
0,8	PMT344-203
	87264
1,6	PMT344-206
	71643
2,4	PMT344-207
mm	87304

Brushed Copper/Black
0,8	PMT894-203
	87306
1,6	PMT894-206
mm	71930

Smooth Gold/Black
0,8	PMT714-203
	87288
1,6	PMT714-206
	71876
2,4	PMT714-207
mm	87290

Brushed Aluminium/Black
0,8	PMT354-203
	87285
1,6	PMT354-206
	71691
2,4	PMT354-207
mm	87287

Brushed Bronze/White
| 1,6 | PMT872-206 |
| mm | 87314 |

Brushed Gold/Blue
| 1,6 | PMT725-206 |
| mm | 87294 |

Brushed Aluminium/Blue
| 1,6 | PMT325-206 |
| mm | 87305 |

→ 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 and 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

Rotary material

Interior use

ℹ Selected colours are also available in a 3-ply finish. Here, in addition to the surface and core layers there is an extra layer in the colour and thickness of the surface layer applied on the back.

→ TroPly Satins
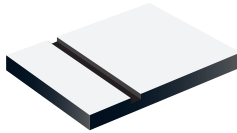
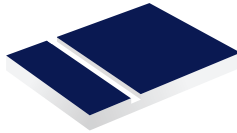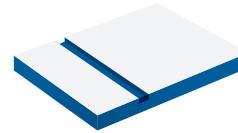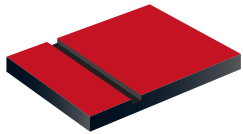|		
Red/White **1,6** mm PS602-206 *91745*	Polar White/Black **1,6** PS234-206 *91742* / **2,4** PS234-207 *91759* mm	Blue/White **1,6** mm PS512-206 *91746*
Yellow/Black **1,6** mm PS704-206 *91743*	White/Black **0,8** PS204-203 *91741* / **1,6** PS204-206 *91744* mm	Black/White **1,6** mm PS402-206 *91747*
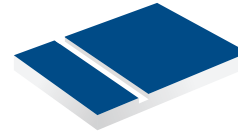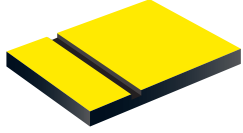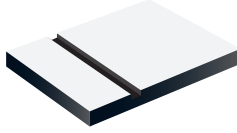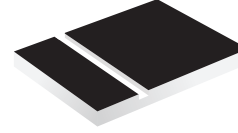
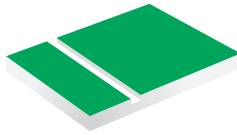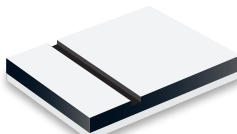|		
White/Red **1,6** mm PS206-206 *91749*	Airforce Blue/White **1,6** mm PS532-206 91753	White/Blue **1,6** mm PS205-206 *91758*
Red/Black **1,6** mm PS604-206 *91752*	Purple/White **1,6** mm PS582-206 *91754*	Grey/White **2,4** mm PS302-207 *91760*
Orange/White **1,6** mm PS612-206 *91757*	White/Green **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*	
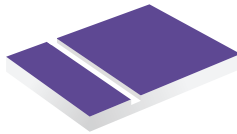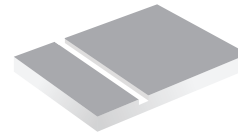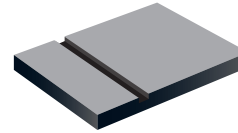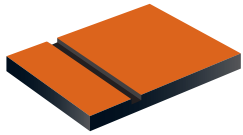
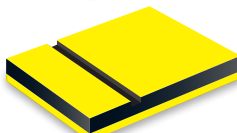|		
White/Red/White **3,2** mm PS206-309 *91766*	White/Black/White **1,6** PS234-306 *91750* / **3,2** PS234-309 *91763* mm	White/Blue/White **3,2** mm PS205-309 *91767*
Red/White/Red **3,2** mm PS602-309 *91764*	Black/White/Black **3,2** mm PS402-309 *91765*	Blue/White/Blue **3,2** mm PS512-309 *91761*
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 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
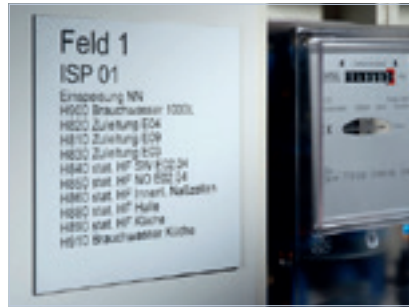
Material Features

Material: Multi surface impact acrylic, 2 ply
Finish: matt
Thickness: 1,6 mm / 3,2 mm
Engraving depth: 0,30 mm
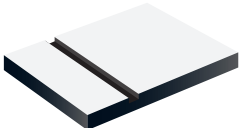**Cutting method:** saw
Sheet size: 1220 x 610 mm

Rotary material

Interior use

Exterior use

→ TroPly Ultra
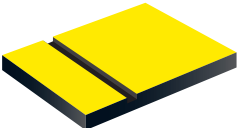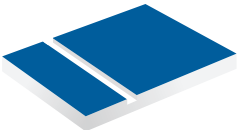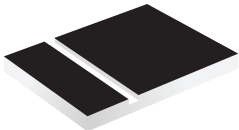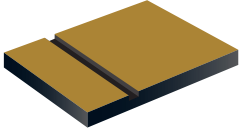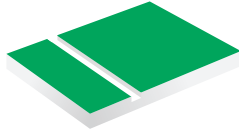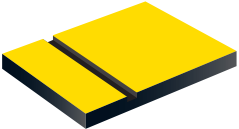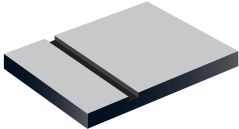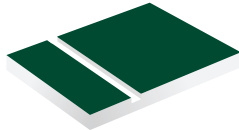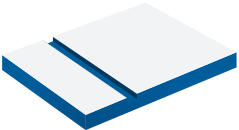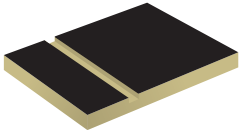
White/Red	1,6	PU206-206	*91723*
	3,2	PU206-209	*91736*
	mm		

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

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

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

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

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

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

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

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

Bright Green/White	1,6	PU932-206	*91724*
	3,2	PU932-209	*91739*
	mm		

Safety Yellow/Black	1,6	PU794-206	*91719*
	3,2	PU794-209	*91732*
	mm		

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

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

White/Blue	1,6	PU205-206	*91727*
	3,2	PU205-209	*91740*
	mm		

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

→ 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- / 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
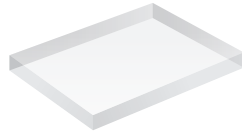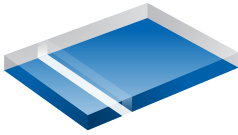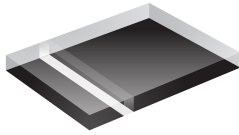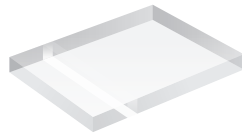
Rotary material
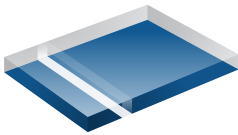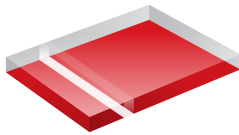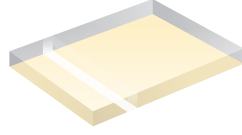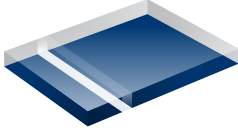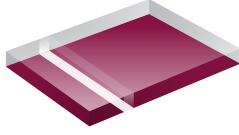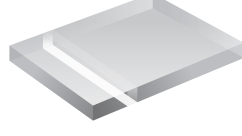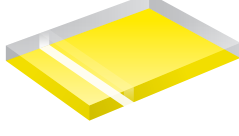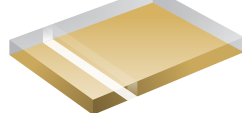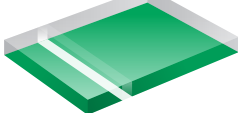
Interior use

Exterior use

Reverse

→ TroPly Ultra Reverse

Clear single ply

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

Matt/White

1,6	PUR201-206 *91700*
3,2	PUR201-209 *91713*
mm	

Matt/Ivory

| 1,6 | PUR231-206 *91710* |
| mm | |

Matt/Vintage Silver

1,6	PUR371-206 *91703*
3,2	PUR371-209 *91714*
mm	

Matt/Gold

1,6	PUR731-206 *94197*
3,2	PUR731-209 *94198*
mm	

Matt/Sapphire

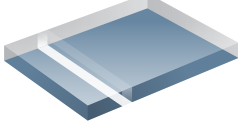| 1,6 | PUR561-206 *91702* |
| mm | |

Matt/Blue

1,6	PUR511-206 *94195*
3,2	PUR511-209 *94196*
mm	

Matt/Airforce Blue

| 1,6 | PUR541-206 *91705* |
| mm | |

Matt/China Blue

| 1,6 | PUR381-206 *91708* |
| mm | |

Matt/Green

| 1,6 | PUR911-206 *91704* |
| mm | |

Matt/Black

1,6	PUR401-206 *91701*
3,2	PUR401-209 *91711*
mm	

Matt/Red

| 1,6 | PUR601-206 *91707* |
| mm | |

Matt/Burgundy

| 1,6 | PUR631-206 *91706* |
| mm | |

Matt/Yellow

| 1,6 | PUR701-206 *91709* |
| mm | |

→ 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- / 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
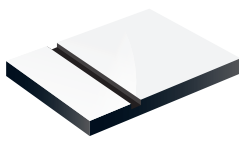
Rotary material

Interior use

Exterior use

ℹ Selected colours are also available in a 3-ply finish. Here, in addition to the surface and core layers there is an extra layer in the colour and thickness of the surface layer applied on the back.
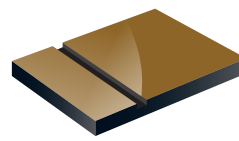
→ TroPly HiGloss

Red/White	**White/Black**	**Vintage Gold/Black**
1,6 PH602-206 *91793*	1,6 PH204-206 *91790*	1,6 PH774-206 *91792*
3,2 PH602-209 *91813* mm	3,2 PH204-209 *91811* mm	3,2 PH774-209 *91815* mm
Safety Yellow/Black	**Black/White**	**Vintage Silver/Black**
1,6 PH794-206 *91795*	1,6 PH402-206 *91791*	1,6 PH384-206 *91794*
3,2 PH794-209 *91823* mm	3,2 PH402-209 *91816* mm	3,2 PH384-209 *91812* mm
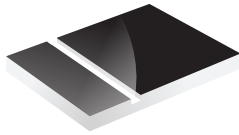
Ruby/White	**Blue/White**	**Black/Gold**
1,6 PH632-206 *91802* mm	1,6 PH512-206 *91797*	1,6 PH417-206 *91805* mm
	3,2 PH512-209 *91822* mm	
White/Red	**Sapphire/White**	**Green/White**
1,6 PH206-206 *91799*	1,6 PH562-206 *91796* mm	1,6 PH932-206 *91803*
3,2 PH206-209 *91819* mm		3,2 PH932-209 *91824* mm
Yellow/Black	**Airforce Blue/White**	**Pine Green/White**
1,6 PH704-206 *91806*	1,6 PH542-206 *91801* mm	1,6 PH962-206 *91800* mm
3,2 PH704-209 *91817* mm		
Ivory/Dark Brown	**White/Blue**	
1,6 PH228-206 *91807* mm	1,6 PH205-206 *91798*	
	3,2 PH205-209 *91825* mm	
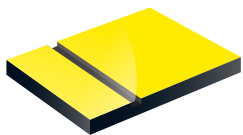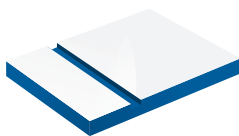
Red/White/Red	**White/Black/White**	**Blue/White/Blue**
1,6 PH602-306 *91808*	1,6 PH204-306 *91804*	1,6 PH512-306 *91809* mm
3,2 PH602-309 *91821* mm	3,2 PH204-309 *91820* mm	
White/Red/White	**Black/White/Black**	**Green/White/Green**
3,2 PH206-309 *91814* mm	3,2 PH402-309 *91818* mm	1,6 PH932-306 *91810* mm
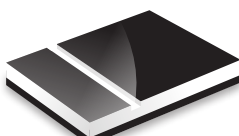
29

→ 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 backlighting.

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

→ Material Features

Material: Acrylic, 1- / 2 ply
Finish: gloss
Thickness: 1,6 mm / 3,2 mm
Engraving depth: 0,30 mm
Cutting method: saw, rotary jar
Sheet size: 1220 x 610 mm
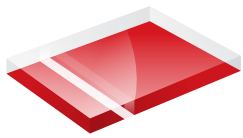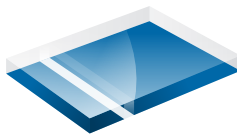
Rotary material

Interior use

Exterior use

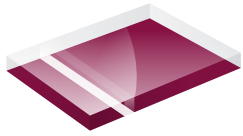Reverse

→ TroPly HiGloss Reverse

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

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

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

Clear/Burgundy
3,2	PHR630-209
	91785
mm	
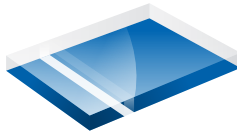
Clear/Sapphire
3,2	PHR560-209
	91783
mm	
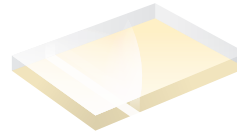
Clear/Ivory
3,2	PHR230-209
	91782
mm	
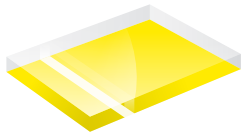
Clear/Yellow
1,6	PHR700-206
	91776
3,2	PHR700-209
	91787
mm	
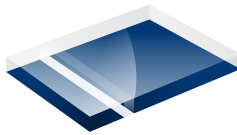
Clear/Airforce Blue
1,6	PHR540-206
	91774
3,2	PHR540-209
	91781
mm	
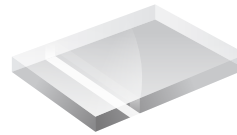
Clear/Silver
3,2	PHR370-209
	91779
mm	
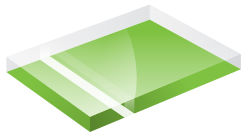
Clear/Green
1,6	PHR900-206
	91775
3,2	PHR900-209
	91784
mm	
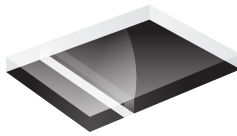
Clear/Black
1,6	PHR400-206
	91773
3,2	PHR400-209
	91778
mm	
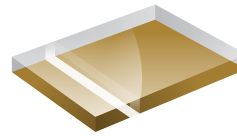
Clear /Gold
1,6	PHR750-206
	94192
3,2	PHR750-209
	94194
mm	
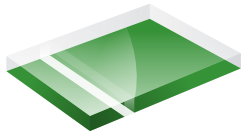
Clear/Teal Green
3,2	PHR910-209
	91786
mm	

Clear single ply
1,6	PHR100-106
	91770
3,2	PHR100-109
	91789
mm	

→ Anodised Aluminium

Anodised or colour anodised aluminum is suitable both for engraving with a CO_2 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
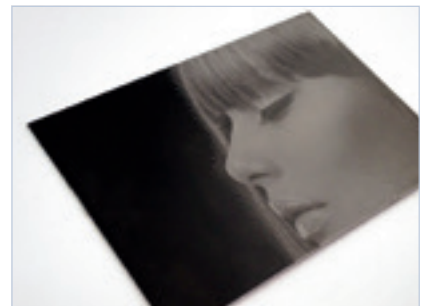
→ Material Features

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, rotary jar
Sheet size: 1000 x 500 mm
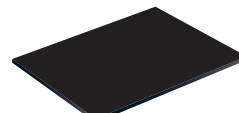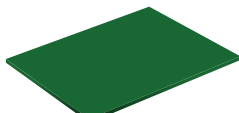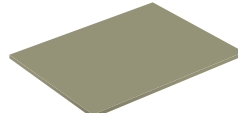
Laser material

Rotary material
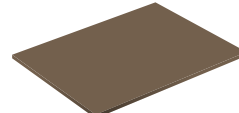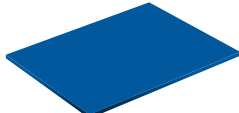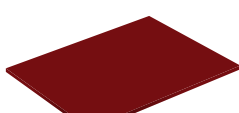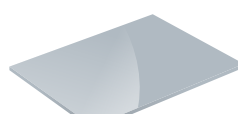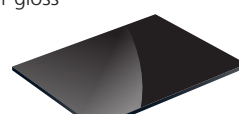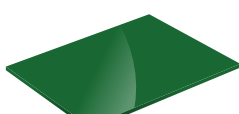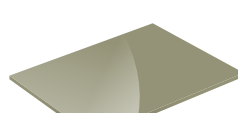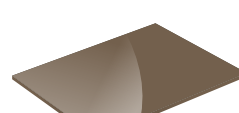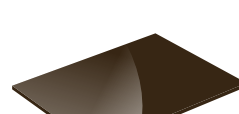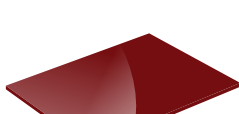
Interior use

Exterior use

→ Anodised Aluminium Matt

Aluminium Satin Silver matt

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	

Black matt

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	

Green matt

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	

Nickel Silver matt

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

Mid Bronze matt

0,5	30105-70 *65316*
1,0	30110-70 *3542*
1,5	30115-70 *3561*
2,0	30120-70 *4762*
3,0	30130-70 *65328*
mm	

Blue matt

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

Gold matt

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

Dark Bronze matt

0,5	30105-80 *65318*
1,0	30110-80 *3543*
1,5	30115-80 *3562*
2,0	30120-80 *15562*
3,0	30130-80 *65330*
mm	

Red matt

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

Stainless Steel matt

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

→ Anodised Aluminium Gloss

Aluminium Satin Silver gloss

1,0	30210-00 *3563*
1,5	30215-00 *3582*
2,0	30220-00 *4483*
mm	

Black gloss

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

Green gloss

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

Nickel Silver gloss

1,0	30210-50 *3568*
1,5	30215-50 *3588*
2,0	30220-50 *65301*
mm	

Mid Bronze gloss

1,0	30210-70 *3580*
1,5	30215-70 *3590*
2,0	30220-70 *65302*
mm	

Blue gloss

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

Gold gloss

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

Dark Bronze gloss

1,0	30210-80 *3581*
1,5	30215-80 *3591*
2,0	30220-80 *65303*
mm	

Red gloss

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

Metals

→ DuraBlack®

DuraBlack® is a coated aluminum with a black surface, which can be marked in white with a CO_2 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, rotary jar
Sheet size: 508 x 609 mm

Laser material

Interior use

Exterior use
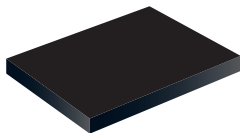
Black matt

| 0,5 mm | 77795 |

Metals

34

→ AlumaMark®

AlumaMark® is a coated aluminum, which can be marked in black with a CO_2 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, rotary jar
Sheet size: 508 x 609 mm

Laser material

Interior use

Gold matt

0,5 mm	875-12 *3948*
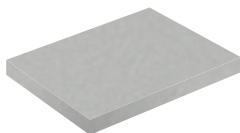
Smooth Silver

0,5 mm	875-11 *3947*

Laserable Materials

Material		Engraving		Use		Ply			Handling		
		Laser	Mechanical engraving	Exterior	Interior	1	2	3	Front	Reverse engraving (optional colour fill)	Scores
TroLase	2	X	X	X	X		X	X	X		X
TroLase Metallic Plus	4	X	X	X	X		X		X		X
TroLase Metallic	4	X	X		X		X		X		X
TroLase Reverse	6	X	X	X	X		X			X	X
TroGlass	8	X	X	X	X		X			X	
Plexiglas®	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
TroLase Lights	15	X	X	X	X		X		X		X
LaserFlex	16	X		X	X	X				X	

Rotary Materials

Material		Laser	Mechanical engraving	Exterior	Interior	1	2	3	Front	Reverse engraving (optional colour fill)	Scores
TroPly	18		X		X		X	X	X		X
TroPly Metallic Plus	20		X		X		X		X		X
TroPly Metallic	20		X		X		X		X		X
TroPly Satins	22		X		X		X	X	X		X
TroPly Ultra	24		X	X	X		X		X		X
TroPly Ultra Reverse	26		X	X	X		X			X	X
TroPly HiGloss	28		X	X	X		X	X	X		X
TroPly HiGloss Reverse	30		X	X	X		X			X	X

Metals

Material		Laser	Mechanical engraving	Exterior	Interior	1	2	3	Front	Reverse engraving (optional colour fill)	Scores
Anodised Aluminium	32	X	X	X	X	X			X		
DuraBlack	34	X		X	X	X			X		
AlumaMark	35	X			X	X			X		

Services

Saws	Drills	Guillotine	Laser Cutting	Bevels	Hot Bendable	Screen printing	Bonding	ADA Compliant	Hot Stamping		Material	
Finishing												
X	X	X	X	X	X	X	X		X	2	TroLase	Laserable Materials
X	X	X	X	X	X	X	X		X	4	TroLase Metallic Plus	
X	X	X	X	X	X	X	X		X	4	TroLase Metallic	
X	X	X	X	X	X	X	X		X	6	TroLase Reverse	
X	X		X	X	X	X	X		X	8	TroGlass	
X	X		X	X	X	X	X		X	8	Plexiglas®	
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			15	TroLase Lights	
		X	X							16	LaserFlex	
X	X	X		X	X	X	X		X	18	TroPly	Rotary Materials
X	X	X		X	X	X	X		X	20	TroPly Metallic Plus	
X	X	X		X	X	X	X		X	20	TroPly Metallic	
X	X	X		X	X	X	X		X	22	TroPly Satins	
X	X	X		X	X	X	X	X	X	24	TroPly Ultra	
X	X	X		X	X	X	X	X	X	26	TroPly Ultra Reverse	
X	X	X		X	X	X	X		X	28	TroPly HiGloss	
X	X	X		X	X	X	X		X	30	TroPly HiGloss Reverse	
X	X	X		X		X	X			32	Anodised Aluminium	Metals
X	X	X		X						34	DuraBlack	
X	X	X		X						35	AlumaMark	

→ Flat bed lasers
Speedy family and SP series

The CO_2 laser machines from the Speedy family are ideal for engraving and cutting a variety of materials, such as laminates, stamp rubbers, acrylic, wood, paper, cardboard and many more. Fiber lasers are ideal for laser marking of metals and plastics. Both laser sources are integrated into the laser systems of the Speedy flexx series;

maximum flexibility for each application is thus guaranteed. Process virtually any material with a processing area of up to 1000 x 610 mm. The SP series with a processing area of up to 3200 x 2200 mm is ideal for precision processing large materials at high speeds.

→ Endless Possibilities

Process a virtually unlimited range of materials: With Trotec laser engraving machines stamps can be produced within minutes and series production is also significantly streamlined. Customize honorary prizes, such as trophies or football trophies in the blink of an eye.

Or score highly with clear acrylic cuts: Exceptional shapes for displays, signs and neon signs create more interesting and sophisticated end products. From simple rectangular advertising signs to complex contours and labels anything is possible with Trotec lasers.

About Us

Trotec is a world leader in the field of laser technology and sets new standards. The Upper Austrian innovation leader offers solutions for almost any requirement of the laser marking, engraving and cutting technology sector. Its laser systems stand for quality, reliability and innovation. We manufacture flat bed laser machines, galvo laser systems and exhaust systems.

→ Galvo Lasers
ProMarker and SpeedMarker series

The ProMarker series offers simple high speed laser processing of metal and plastic parts, such as promotional items, gifts, identification plates and much more. Choose between the ProMarker 100, an open Class 4 laser marking station with precision Z-axis or the compact ProMarker 300, a table marking station, which is characterised by its ergonomics and safety (laser safety class 2). The SpeedMarker series, developed for efficient laser marking of metals and plastics along the entire industrial production chain, offers the perfect combination of intelligent software and high-quality engineering. The laser systems are available in 4 different sizes and in different configurations, to optimally meet your requirements: SpeedMarker 100, SpeedMarker 300, SpeedMarker 700, SpeedMarker 1300.

→ Demanding marking tasks

No matter whether for production and finishing of high-quality advertising materials or the marking of identification plates or components in large quantities - metals and plastics can be optimally marked with high performance galvo lasers from the ProMarker or SpeedMarker series.

About Us

All of our products are manufactured in Austria. At Trotec, you will also find an extensive selection of engravable materials for laser and mechanical engraving as well as signage and marking accessories. You will receive only the highest quality materials with simple processing properties. Trotec has more than 300 employees and serves customers in over 90 countries. For more information, please visit www.troteclaser.com.

→ Metal Mark Emulsion

With the help of laser marking equipment metals can be marked with a CO_2 laser. Laser marking devices produce permanent black markings, which are highly resistant to mechanical and chemical stresses as well as high temperatures. Metal Mark Emulsion is available as a paste, spray or tape. The most common method is to apply it using a spray can. Brush application is appropriate whenever the entire surface can be coated with a single brush stroke. Spraying the paste, e.g. using an airbrush, is suitable for coating larger areas in a single step. The tape, however, is a particularly clean solution for smaller areas.

	Contents	Reference number
Metal Mark ***Sprays cannot be delivered by air freight.**	CerMark LMM 6000, 340 g aerosol*	4767
	Thermark LMM 14, 170 g aerosol*	15891
	CerMark LMM 6000, 250 g paste	48391
	CerMark LMM 6000, 50 g paste	49852
	LMM 6018 Tape, 25 mm x 15 metres	58243
	LMM 6018 Tape, 50 mm x 15 metres	64752

→ Paint for Acrylic

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.

	Colour	Reference number
Paint for Acrylic **29,57 ml/can**	Black	74163
	Red	74164
	White	74165
	Blue	74166
	Silver	74169
	Gold	90961
	Green	90550
	Yellow	90875

→ Price list

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

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

www.trotec-materials.com