

trotec

Laser and Rotary Materials (Namibia)

valid from **2022**

namibia.engraving-supplies.africa

PWS
Brand • Value • Service

Catalogue Contents

Plastic

TroLase
TroLase Metallic Plus
TroLase Metallic
TroLase Reverse
TroLase Thins

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Hip Flasks
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Laserable Leather

How to read this catalogue

Sheet sizes & Tolerances:

Sheet sizes are indicated in each product group description. Note: minor dimensional /colour deviations can occur per batch (production-related).

When ordering full sheets, please consider the following tolerances:

TroLase, TroLase Metallic, TroLase Metallic Plus, TroLase Reverse, TroLase Thins,
Tolerances: width +/- 1,5 mm; length +/- 3 mm

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

Icon legend



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



Rotary material
This material is suitable for processing with mechanical engraving devices.



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



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



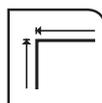
Indoor use
This material is suitable for interior applications.



Adhesive possible
Adhesive backing can be applied on selected materials.



UV-Print
This material is especially suitable for UV/ digital printing.



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



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

TroLase



Material Features

Material: modified acrylic, colour coated, 2 ply

Finish: matt

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size: 1/1 1245 x 616 mm

1/4 610 x 305 mm

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

Cut to size service



White/Red
1,6 L206-206



Blue/White
1,6 L512-206



White/Black
0,8 L204-203
1,6 L204-206



Red/White
0,8 L602-203
1,6 L602-206



Sapphire/White
1,6 L502-206



Black/White
0,8 L402-203
1,6 L402-206



Bright Green/White
1,6 L932-206



Evergreen/White
1,6 L912-206



Yellow/Black
1,6 L704-206

TroLase Metallic

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Material Features

Material: modified acrylic, colour coated, 2 ply
Finish: brushed metal, smooth
Engraving depth: 0,08 mm
Cutting method: laser, saw, guillotine

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

Cut to size service

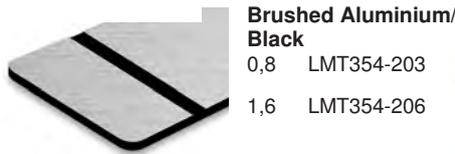


Sheet size:

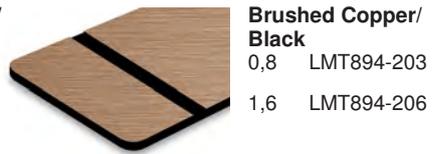
1/1 1245 x 616 mm
 1/4 610 x 305 mm



Smooth Gold/Black
 1,6 LMT714-206



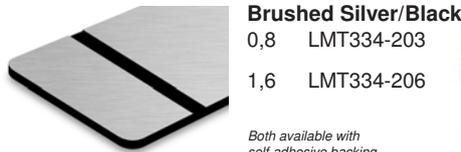
Brushed Aluminium/Black
 0,8 LMT354-203
 1,6 LMT354-206



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



Brushed Gold/Black
 0,8 LMT734-203
 1,6 LMT734-206

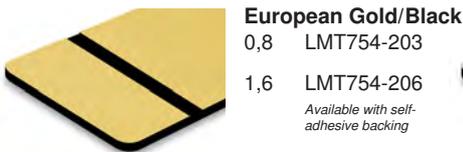


Brushed Silver/Black
 0,8 LMT334-203
 1,6 LMT334-206

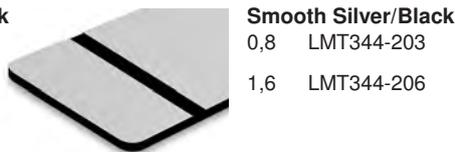


Brushed Deep Bronze/Black
 1,6 LMT884-206

Both available with self-adhesive backing



European Gold/Black
 0,8 LMT754-203
 1,6 LMT754-206
 Available with self-adhesive backing



Smooth Silver/Black
 0,8 LMT344-203
 1,6 LMT344-206

TroLase Metallic Plus



Material Features

Material: modified acrylic, colour coated, 2 ply
Finish: brushed metal
Engraving depth: 0,08 mm
Cutting method: laser, saw, guillotine

Cut to size service



Sheet size:

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

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



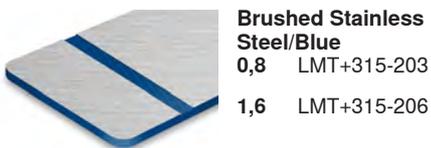
Brushed Stainless Steel/Black
 0,8 LMT+314-203
 1,6 LMT+314-206



Brushed Gold/Black
 0,8 LMT+764-203
 1,6 LMT+764-206



Brushed Copper/Black
 0,8 LMT+864-203
 1,6 LMT+864-206



Brushed Stainless Steel/Blue
 0,8 LMT+315-203
 1,6 LMT+315-206



Brushed Stainless Steel/Red
 1,6 LMT+316-206

TroLase Reverse



Material Features

Material: modified acrylic, reverse colour coated, 2 ply

Finish: matt, gloss (gold and silver)

Engraving depth: 0,08 mm

Cutting method: saw, laser

Sheet size: 1/1 1245 x 616 mm

1/4 610 x 305 mm

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

Cut to size service



Matt/Red
1,6 LR601-206



Matt/Black
1,6 LR401-206



Gloss/Silver
1,6 LR340-206



Matt/Blue
1,6 LR511-206



Matt/Green
1,6 LR931-206



Matt/Silver
1,6 LR341-206



Matt/Navy Blue
1,6 LR551-206



Matt/White
1,6 LR201-206



Matt/Gold
1,6 LR711-206



Gloss/Gold
1,6 LR710-206

TroLase Thins



Material Features

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

Finish: matt, gloss, brushed metal

Engraving depth: 0,08 mm

Cutting method: laser, saw, guillotine

Sheet size:

1/1 1245 x 616 mm

1/4 610 x 305 mm

Cut to size service



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



Brushed Gold/Black
0,5 LT734-202



Brushed Copper/Black
0,5 LT894-202



Yellow/Black
0,5 LT744-202



European Gold/Black
0,5 LT754-202

Available with self-adhesive backing



Brushed Silver/Black
0,5 LT334-202



Red/White
0,5 LT602-202



Trophy Gold/Black
0,5 LT794-202



Trophy Silver/Black
0,5 LT394-202



Black/Gold
0,5 LT417-202



Deep Bronze/Black
0,5 LT884-202



Smooth Silver/Black
0,5 LT344-202



Black/White
0,5 LT402-202



Brushed Aluminium/Black
0,5 LT354-202



White/Black
0,5 LT204-202



Black/Silver
0,5 LT413-202



Brushed Bronze/Black
0,5 LT874-202

TroGlass Clear



Material Features

Material: cast acrylic, 1 ply

Finish: gloss

Cutting method: laser, saw

Sheet sizes (mm): ¼ 1216 x 606

¼ 606 x 301

Cut to size service



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



Clear
3,0 TG121-800

Tips

- Perfect light transmission with up to 92 % in clear version - better than that of glass
- Impact resistance 8 to 10 times higher than glass
- Elegant polished finish when laser cut
- High resistance to external agents and UV rays for defined products
- UV stable and weatherproof
- Easy to work with (laser cut/engrave, bend, glue, thermoforming, milling)

TroGlass Mirror



Material Features

Material: extruded acrylic

Finish: gloss

Cutting method: saw, laser

Sheet size: ¼ 1220 x 610 mm

¼ 608 x 303 mm

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

Cut to size service



Silver
2,9 TG144081



Gold
2,9 TG144142



Rosé gold
2,9 TG144143

TroGlitter

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Material Features

Material: cast acrylic

Finish: gloss

Cutting method: saw, laser

Sheet size:

1/1 1020 x 600 mm

1/4 510 x 300 mm

Cut to size service



- Cast acrylic in which glitter particles are evenly distributed throughout the material
- Wide opportunities for creative minds and designers, new visual effects possible
- Material is colour stable with no bleaching or fading
- Ideal for sales displays, novelties or even lettering applications



Red
3,0 T153705



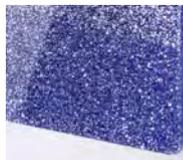
Black
3,0 T144645



Silver
3,0 T144640



Dark red
3,0 144643



Blue
3,0 T144646



Gold
3,0 T144641



Pink
3,0 T144644



Green
3,0 T153706

TroGlass Pastel



Cut to size service



Sheet size:

1/1 1216 x 606 mm

1/4 606 x 301 mm

Material Features

Material: cast acrylic

Finish: matte, gloss

Translucency: opak, intransparent

Cutting method: laser, saw

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



Mint
3,0 TG160823



Yellow
3,0 TG160825



Orange
3,0 TG160828



Lilac
3,0 TG160824



Pink
3,0 TG160826



Light Blue
3,0 TG160829



Raspberry
3,0 TG176304

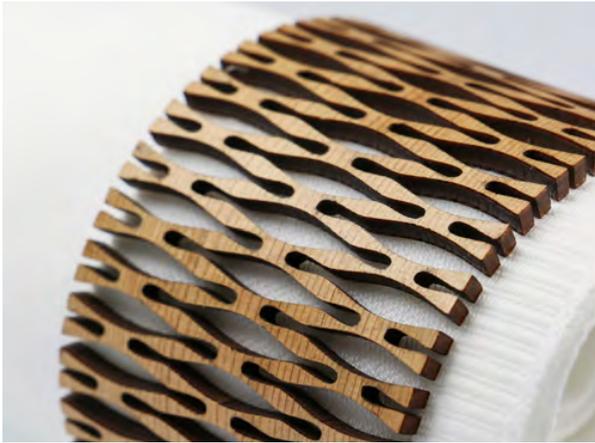


Lavender
3,0 TG176306



Turquoise
3,0 TG176307

Wood Veneer



Material Features

Material: veneered wood sheets
Finish: smooth, matte surface
Cutting method: saw, laser
Sheet size: 600 x 300 mm

Cut to size service



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



Cherry
3,0 119801



Birch
3,0 119800



Maple
3,0 119798



Oak
3,0 154946



Bamboo
3,0 119799



Walnut
3,0 119952

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

MDF



Material Features

Material: MDF
Finish: untreated
Cutting method: saw, laser

Cut to size service



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



600 x 300 mm
3,0 68996

Plywood



Material Features

Material: plywood poplar
Finish: untreated
Cutting method: saw, laser
Sheet size: 600 x 300 mm (pack of 10)

Cut to size service



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



600 x 300 mm
 3,0 68987

LaserCork



Material Features

Material: Cork
Finish: untreated
Sheet size: 600 x 300 mm

Cut to size service



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



0,8 T150638
 1,5 T150640
 3,0 T150641

Anodised Aluminium



Material Features

Material: anodised aluminium
Finish: matt, gloss
Cutting method: saw, guillotine
Sheet size: 1000 x 500 mm

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



Black matt

1,0 30110-10

LaserLeather



Material Features

Material: 100% PU leather
Finish: leather-like
Sheet size: 813mm x 508mm

- High-quality leather PU leather
- Suitable for laser cutting and engraving
- Two-tone effect gives striking effect
- Wide variety of uses
- Perfect for detailed engraving and cutting



Black/White Gold
0,6 T165274



Brown/Black
0,6 T165276

Aluminium Tags (Pet tags, Rounds)



Material Features

Material: anodised aluminium (except stainless steel military tags)

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

Package quantity: individually sold

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

Heart with loop



Small: 25 x 26mm,
Hole size approx. 3,0 mm
Large: 30 x 31 mm
Hole size approx. 3,0 mm

Colour	Order No. small	Order No. large
black	T122134	T122163
blue	T122135	T122165
red	T122137	T122166
gold	T122138	T122167
green	T122139	T122168
pink	T122140	T122169
violet	T122141	T122170
silver	T122162	T122171

Round with loop



Diameter 27 mm
Hole size approx. 3,0 mm

Colour	Order No.
Black	T122172
Blue	T122173
Red	T122174
Gold	T122175
Green	T122176
Pink	T122177
Violet	T122178
Silver	T122179

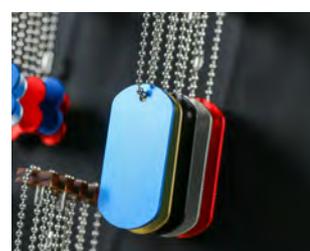
Dog bone



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

Colour	Order No. small	Order No. large
Black	T122205	T122197
Blue	T122206	T122198
Red	T122207	T122199
Gold	T122208	T122200
Green	T122209	T122201
Pink	T122210	T122202
Violet	T122211	T122203
Silver	T122212	T122204

Military tag



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

Colour	Order No.
Black	T122253
Blue	T122254
Red	T122255
Gold	T122256
Green	T122257
Pink	T122258
Violet	T122259
Silver	T122260
Stainless steel	T122261
blank	

Laserable Bottles



Material Features

Material: high-grade 304 stainless steel

Finish: matte

Capacity: 500 ml

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



Mint Glitter
500 ml T163909



Mint
500 ml T150275



Blue
500 ml T150277



Pink
500 ml 150274



Orange
500 ml T150276



Silver
500 ml T150278



Yellow
500 ml T163878



Green
500 ml T163879



Dark Blue
500 ml T163880



Turquoise
500 ml T163881



Plum
500 ml T163902



Red
500 ml T163903



Powder Pink
500 ml T163904



Matt Black
500 ml T163910



Pink Glitter
500 ml T163908



Gold Glitter
500 ml T163905



Silver Glitter
500 ml T163906

Laserable Hip Flask, Mugs & Tumblers



Material Features

Material: high-grade 304 stainless steel
Finish: matte

- Made out of high-grade 304 stainless steel
- Coloured coating that can be easily laser engraved
- Personalise the hip flask by adding a special image or artwork with a laser, it will create the perfect gift for many special occasions
- Notes: not recommended for dishwasher cleaning; please check our webshop for latest colours.



Black
240 ml
T158407



Mint
240 ml
T158409



Pink
240 ml
T158408



Silver
240 ml
T158405



Black
360 ml
T163911



Turquoise
360 ml
T163912



Red
360 ml
T163913



Purple
360 ml
T163914



Gold Glitter
360 ml
T163916



Mint Glitter
360 ml
T163918



Pink Glitter
360 ml
T163915



Silver Glitter
360 ml
T163917



Black
480 ml
T163920



Pink
480 ml
T163919

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