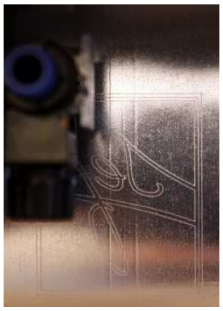
Application Instructions

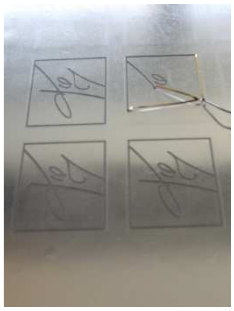
METALFLEX- One step film transfer for cutting plotters



Cut mirrored

MetalFlex is a high quality, multi-layered polyurethane film on polyester liners. It has very high gloss, and is highly elastic. For this reason, even subtle lines and scripts on plotters can be cut using a drag-knife or tangential cutting technology. Above all, MetalFlex distinguishes itself from the rest with its excellent weeding characteristics.

With the help of a computer and a plotter one can quickly, and cost efficiently, produce the smallest runs on transfers. Thanks to the backside adhesive power of the polyester liner even small "slips" are no problem. Simply lightly press again, done. The plotted and weeded scripts, or designs, are ironed onto the textiles for 20 seconds at 170 °C. The mounting film can be removed after it has completely cooled down.



Weed design

Transfer design

MetalFlex is suitable for cotton, polyester, and blended fabrics. It is not suitable for nylon and other coated textiles. It is wash resistant up to 40 °C. At the same time, it is important to ensure that only mild detergents without bleach or oxidizing agents are used. Otherwise the metal surface will be affected and lose its lustre.

Remove liner, done!

MetalFlex is available in 8 colors, additional colors upon request.

Thickness

50 µ

Cutting conditions

Blade: Relief angle 30 - 45°
Pressure: low/medium
Speed: ≈40 cm/s

Transfer conditions

Temp.: 170 °C
Time: 20 s
Pressure: medium/high

Suitable Textiles

Cotton, Polyester, Blended fabric. Not suitable for nylon and other coated textiles.

Wash resistance

40 °C wash resistant, only use mild detergents

Colors

- Silver
- Gold
- Orange Copper
- Red
- Candy-Pink
- Blue
- Green
- Gun Metal

Additional colors upon request

Packaging

49 cm x 10 m
49 cm x 25 m

Additional packaging upon request

Store in a cool and dry place; protect against the influence of light when stored. We recommend not to exceed a storage period of 18 months. The technical specifications rest on extensive tests and technical research. Due to the variety of possible influences during refinement, and use, the specifications should be viewed as reference values. We recommend a suitability test on the original material. A legally binding warranty of specific characteristics cannot be derived from our specifications.

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