



Technical information on foil lamination

File Delivery:

Half-tone (process colour) artwork can be printed on top of foil laminated board. If a background white is desired or required (e.g. under the barcode), it must be included in the artwork as a spot colour.

Material:

In general, we apply an aluminium laminate to the print sheet, which results in a high-gloss silver appearance. Other colours, including gold, are achieved by colour mixes which overprint onto the silver foil.

Special effect foils, such as multi-laser foil for holographic colour effects, are also available. We would be happy to advise you about the best alternatives prior to printing.

Special Attributes:

Lamination is a pre-step before printing. Partial lamination, i.e. with areas knocked out, is not possible.

All printed colours are transparent, which results a metallic visual effect. If a white coloured areas are wanted, the white must be pre-applied (before 4c) as a spot colour. Images or artwork elements which are not intended to have a metallic appearance also need to be overlaid with white colour (which is then over-printed). A barcode must always be printed on a background white to ensure it is readable.

Combinations:

Foil lamination can be combined with other finishes such as foil embossing or raised/relief embossing. We would be happy to inform you about the possible finishing combinations.

Restrictions:

Aluminium lamination is susceptible to scratches. For this reason, we seal the material after printing with UV varnish in order to better protect the surface.

The result of a colour-match proof cannot be achieved on an aluminium lamination; contrast and colour saturation may even need to be increased in places where the colour will have a metallised effect. Even if a base white background has been pre-printed over the lamination, this can no way match a pure paper white; which inevitably leads to a deviation from the colour proof. If gold-laminated aluminium is the underlay, a dense white base can not be achieved. Even by using a double pass of base white colour, the result is more orange than white.

Tips:

Aluminium lamination is an eye-catching product and is particularly effective when only parts of the artwork have a white background. Delicate design elements such as fine negative fonts, frames or picture elements that are too small for foil embossing can be shown very clearly with this finish. Due to the reflectiveness of dark surfaces, we recommend that white or lightly-coloured texts are used on this material. Aluminium laminated materials react sensitively to fingerprints, we strongly recommend a final seal with gloss lamination, so that fingerprint smudges are less noticeable.

All technical specifications relate to manufacture on our premises. Please contact us if you have any further questions which are not covered here or which you feel have not been fully addressed.