DATA SHEET

PinguinDruck
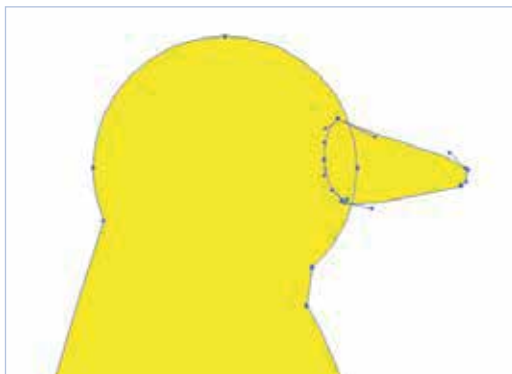
How to create hot foil finishing

General information

To create the hotfoil form please use a vector-based layout or graphics program (such as Adobe InDesign or Illustrator). Pixel files from image editing programs like Photoshop are generally unsuitable as they cannot be read.
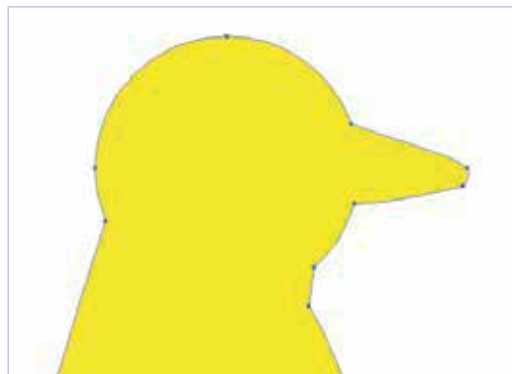
The finishing shape should always be created as a spot colour with 100 % tonal value. Effects (drop shadows, gradients etc.) are not possible!

Please always place the shape on your design. This is the only way to ensure a perfect fit and to check its position accordingly.

Shapes that are composed of several objects must be combined into a closed shape without overlaps (e.g. using the Pathfinder).

Individual objects of the shape overlap ✗

All objects combined in a closed shape ✓

Please note!

Minimum size: 0,3 mm (0,8 pt)
Knockouts: 0,56 mm (1,5 pt)
Swatch name: hfgold/hfsilber/hflaser/hfrosegold/hfred/hfgreen/hfblue/hfblack (according to selection)

Special features: - 100% opaque
                   - No precisely fitting objects under the hot foil
                   - Only on coated paper!
                   - Margin to UV varnish 1 mm

Please note that when ordering on uncoated paper, no elements with hot foil should be placed in the bleed area. The varnish must have a minimum distance of 2 mm to the cut edge, otherwise it may break or peel off during cutting.

How to creat hotfoil finishing using Adobe Illustrator

Objects for hotfoil finishing must be created as areas. If e.g. a 4 mm thick line is to be finished, the line thickness must not simply be set to 4 mm. An appropriate shape or area (rectangle) must be created.
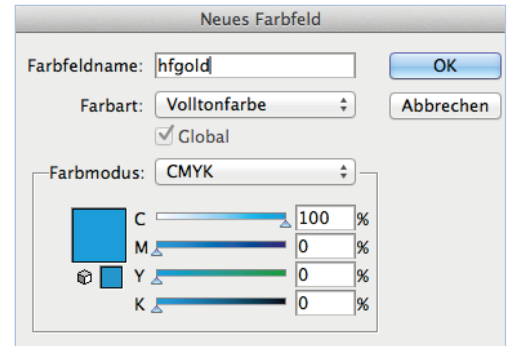
All hotfoil finishing areas must be set to overprint. For hotfoil, the thickness/width should be 0.3 mm (about 0.8 pt). Negative (created by knockout) objects within the hotfoli finishing area must knockout with at least 0.56 mm (about 1.5 pt). For finer objects, there is a risk that they can no longer be reproduced.

Hot foil is 100% opaque. No precisely fitting objects must be created under the hot foil areas, otherwise they might protrude. Hot foil does not adhere to UV varnish. A margin of at least 1 mm must be maintained between UV-varnished areas and the hot foil.

Create swatch for hot-foil

Set area to overprint

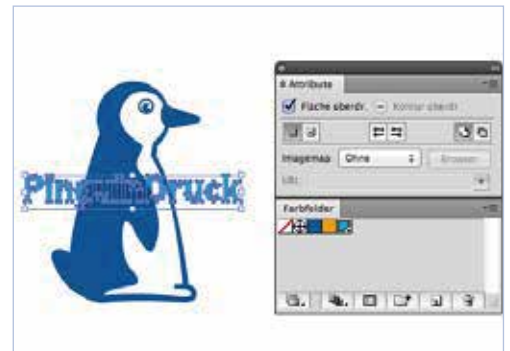*Overprint Preview in finished PDF*

1. Create a new colour in the graphics or layout program.
   Swatch name: hfgold/hfsilber/hflaser (according to selection)
   Colour type: Spot colour
   Colour mode: CMYK
   Colour: 100% cyan

2. Create the shape as a vector area.
   Do not set a contour!
   Assign the colour "hfgold" or "hfsilber" or "hflaser" to the area and set the area to "overprint". In InDesign und Illustrator, this option can be found via Menu → Window → Attributes.
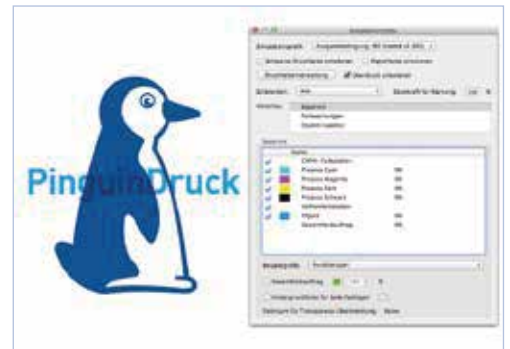
Fonts must be converted to paths.

3. When exporting the PDF, do **not** change the colour in the colour settings. The finishing shape is then available in the finished PDF as an additional colour. In the Separation/Output Preview in Acrobat, check if the area is positioned on the design as desired and set to overprint.