

Data delivery



- small files (< 5 MB) by e-Mail to grafik@hms-ds.com (10 MB: plz inform us in advance)
- larger files (>5 MB) we recommend filehosters: WeTransfer (www.wetransfer.com), Dropbox, Google Drive, e.g.
- CD, USB stick, e.g. ask for compatibility

Creating the print data

Since we use the latest version of Adobe Creative Suite CC, we can work with your data, created by the same software.

File formats:



- PDF** -> Printable PDF in CMYK
TIFF -> Pixel-based images in final format with a minimum of 120 dpi, CMYK

Attention! Please do not send Word, Powerpoint or CAD files. We can work with open data in file format EPS, PSD and AI.

Scale, resolution and bleed:



Please create the document in the desired final format with bleed or download our print templates, **set to scale 1:1**. For **oversize files** you can use **scale 1:10**. Include this information in the filename. For example: "Name-of-file-1to10.pdf".

Best resolution for fabric prints is 150 dpi. A minimum of 100 dpi should be provided. A lower resolution leads to unsatisfying results. *Exception: Large exhibition walls (exceeding 8.00 m in length) and a viewing distance of 3 meters and above, 70 dpi is still sufficient to obtain a visually sharp impression.*

Resolution in scale 1:10 = min. 1200 dpi

Please add a **bleed of 30 mm to your file on all sides**. To obtain the correct print file size, simply add 60 mm to the height and width of the final format. When exporting, make sure to specify the "Use document bleed settings" setting. Make sure that backgrounds and elements that fall off the edge are created up to the bleed edge.

DO NOT include any kind of cut marking, color bar or print mark in the print



Fonts and images:

Fonts must be **converted** (vectorized) to **paths**
Images must be **embedded in** the file.

Color profile and spot colours

Please create your print data in **CMYK**, without color profile.
 Our printer machine processes data with its own dye sublimation printing color profile.



For **special colours** (Pantone, HKS, RAL) **please specify the colours in your order**. Since we don't keep special colours in stock, we simulate those in 4-colour printing technique with satisfying results. Let us know if you send us fabric samples for orientation. **NOTE: Please be aware that even with best efforts, differences may occur in the print results. (Pantone/HKS).**

Proof prints (size DIN A4) can be ordered in advance. Prices as stated in our price list.



Data for Fahnenmeisterei Products

- Please use our **print templates**, they include all necessary information
- Scale 1:1 - do not change format and size.
- Unless **Special colours** (Pantone, HKS) are not specified in the order, we will print the data as provided

Data for exhibition walls from INNOLUTION SYSTEMS

- **Layout dimensions correspond to the visible final format** with **30 mm bleed** all around.
- Keep a **safety distance** of approx. **50 mm to the visible edge for logos and texts**. During printing there are always tolerances in the elongation factor and the increase in length.
- If Images or texts run across touching walls, an overlap of 10 mm (or 1 mm for 1:10) should be included to avoid gaps. This margin is reserved for the flat keder ribbon and will be tucked in the profile notch.
- Do not take into account any stretch factor or elongation. It is already included in our production process.



Data for innoLux BLOCKOUT prints

How it works: The background is printed with a layer of highly opaque black liquid. Only selected parts of your print such as the logo, is left out from the black cover and is illuminated.

- Convert motifs into paths/vectors. **For pixel images, create a path around the desired blackout motif** (that part of the image which is supposed to shine).
- The resolution of pixel-based images should be between 120 - 300 dpi to guarantee a fine result.
- the durability of blackout-prints last up to 3 - 6 months - please avoid creases and folds.

NOTE: Dark colours in the areas of the cut out layer may lead to unsatisfying results, since they lower the contrast to the blocked out area. To reach best results of an glowing effect, light and shining colours are best suitable for this block-out printing technique.

Stretch fabric characteristics

Combinations of dyed fabrics and printed fabrics are possible, but printed colours will always differ from the standard colors of our dyed fabrics. All colors are printed on white fabric, while the easystretch fabric is dyed through. **When stretching the printed fabric, the mesh pulls apart and reveals the white backside.** This will make the color appear lighter. This effect appears at **stretch zones such as corners, edges or under great tension.** This phenomenon is more apparent on dark, solid-colored surfaces, than lighter.

Reprints

The dye-sublimation printing technique enables long lasting colours. Still, with greatest care to all detail, color differences are likely to occur. The original print and reprint may differ, depending on the time in between order. Reasons are fluctuations in the batches of material and natural decay of color pigments due to environmental influences.