

Requirements for Print Data

Screen printing ("Siebdruck")

Please make sure to observe the following information for correct print file preparation. We can only achieve a perfect print result if your print data is prepared correctly. In order to ensure the fastest and smoothest possible ordering process without time-consuming queries, we have prepared this detailed information sheet for you: A checklist (p.1) and then a more detailed version with precise explanations (p.2-3).

This factsheet only contains information for screen printing products. For other products please use our other factsheets.

Download now:

[🕒 Requirements for accreditation](#)

[🕒 Requirements for large format digital printing](#)

Checklist

1. File formats/File structure

- » PDF/X-4 (PDF-version 1.6)
- » Print data in final format (order format) or in suitable rapport length
- » Motifs for endless non woven banner or banner above 5 m in a scale of 1:10
- » Each motif in a separate file
- » Convert fonts to paths (or at least embed it)
- » Distance of important objects from the edge in the case of non-woven banner: at least 4 mm in 1:10 (40 mm in original size)
- » No layers
- » All objects within the data must be embedded in the document

2. Bleed margin

- » no additional print markers (crop marks etc.)
- » Create the bleed separately from the final format within the bleed box (Trimbox + Bleedbox)
- » Bleed for non-woven banner: 5 mm on all sides in 1:10 (50 mm in original size)

3. Colours

- » Number of used colours: 1c, 2c, 3c or 4c depending on the product selection
- » All colours as Pantone colours (create spot colors (use CMYK in 4c raster printing))
- » No Lab or RGB

▲ ATTENTION: RGB and Lab are converted automatically. Colour accuracy can only be achieved by a previously agreed proof.

4. Resolution

- » For non-woven banner at least 600 ppi in 1:10 (60 ppi in original size)

▲ ATTENTION: For printed safety vests we only accept vectorized data. In general, we recommend the use of vector files for screen printing.

5. Data delivery

- » After your order you will receive a link to our upload area, where you can load up your print data
- » Accepted file formats: JPEG, TIFF, PDF, EPS

Detailed information

- 1. File formats/File structure** For a smooth workflow we need your data already as print-ready PDF in the standard PDF/X-4 (PDF version 1.6).

Please make sure that the data is already created in the final format (order format). For endless non woven banner the rapport length is the final format. A rapport is the smallest completed unit of a repeating motif. Since the maximum document size of a PDF file is limited, all motifs over 5 m must be created on a scale of 1:10¹. (Creating a file in 1:10 also results in different requirements regarding resolution and bleed, see points 2. & 3.).

¹ Example: A motif with the original size 7000 mm x 3500 mm must be created in a format size of 700 mm x 350 mm.

If you also want to order different motifs, each motif must be saved in a separate file.

If fonts are used in the document, they must be embedded. You can check embedded fonts manually in the document properties under the „Fonts“ tab. In this tab, the comment „Embedded“ or „Embedded subgroup“ should be placed after the respective font.

In some cases we may need to edit or modify your files manually. Then the embedding is not sufficient, in this case the font must be patched².

² For a smooth and time-saving ordering process, we recommend that you always path fonts. This avoids post-processing.

When creating print data, place all important objects (texts, logos, important graphics) at a sufficient distance from the format edge. For printed safety vests, no distance must be maintained, otherwise the distance to the format border should be 4 mm on a scale of 1:10 (40 mm in original size).

Always place your motif on one layer only.

All objects used within your print file (images, logos etc.) must be embedded in the document. Linking the objects is not sufficient and, in the worst case, will result in the respective object not being printed.

- 2. Bleed margin** As there may be minor deviations in cutting during the further processing of printed products, each motif should be created with additional bleed. It is essential to ensure that the bleed is applied separately in the bleed area and not in the final format frame. This avoids white edges (so-called flashes). The size of the bleed depends on the product:

» For non-woven material, the bleed should be 50 mm in 1:10 (5 mm in original size)

The background and objects at the edge must reach into the bleed box. Please do not create printer marks (crop marks etc.) when adding the bleed.

- 3. Colours** In screen printing we mainly work with spot colours. The most common colours correspond to Pantone. Therefore, all colours contained in the document should already be created in Pantone. An exception is the 4c raster printing. Here you can also create the colours in CMYK.

Please note: If RGB or Lab are present in the document, they are automatically converted. This can lead to colour changes during conversion.

Please use the colour profile ISO Coated v2 (ECI) as output intent. The output intent specifies the output purpose for which the file was created (newspaper printing, offset, etc.). You can download the ISO Coated v2 (ECI) profile used by us at <http://www.eci.org/de/downloads>

For exact colour reproduction, a colour proof must be agreed in advance.

- 4. Resolution** For an optimal printing result, the necessary resolution must be observed for pixel objects within the print data.

„For our screen printing products the minimum resolution in original size is 60 ppi (on a scale of 1:10 it is 600 ppi)

„For printed safety vests we only accept vectorized data. In general, we recommend the use of vector files for screen printing.

The resolution cannot be improved afterwards and is always dependent on the quality of your source data.

Please note: File formats such as JPEG, TIFF and PNG are always pixel-based. Pixel data can also be included in eps data.

- 5. Data delivery** After your order you will automatically receive a link to our upload area. Please use this to upload your print data.

We accept the following file formats:

- › **JPEG**
- › **TIFF**
- › **EPS**
- › **PDF**