

Print specification gravure and flexographic printing

Accepted file formats

Design/Layout

- Artwork-Systems ArtPro (.ap)
- Adobe Acrobat 1.5 or higher (.pdf)
- Adobe Illustrator (.ai, .eps)
- Adobe InDesign (.ind)

Pictures

Adobe Photoshop (.psd, .tiff, .jpg)

Please include all required images, graphics, logos, and fonts with your delivery.

Use short file names and avoid special characters (?* <> ., \ +: = / »; [] etc.)

Make sure the files are clearly identifiable by mentioning the customer (company) and product designation in the file and zip names.

Printing format & technical drawing

- The dimensions and the final size need to be specified in the data and shown in a 1:1 format
- Important: Place the stand sketch in your design to remain your document. Please ask your contact person for the technical drawing.

Trimming

The trimming requires at least a surplus of 3 mm all around.

Levels

The files must be structured in several levels and the print levels must be activated. All elements used for a simulation must be shown in a separate level and clearly separated from the production levels! If white is printed, a separate level must be created.

- Level 1 = design elements (layout, images)
- Level 2 = technical drawing
- Level 3 = dimensions
- Level 4 = white

Fonts / Readability

Serif / italics

Positive texts can be printed with min. of 5 pt. (line width = 0.17 mm)

Negative texts can be printed with min. of 5 pt. (line width = 0.17 mm)

Sans serif

Positive texts can be printed with min. of 4 pt. (line width = 0.13 mm)

Negative texts can be printed with min. of 4 pt. (line width = 0.13 mm)

Typefaces

Postscript Font (.otf)

TrueType Font (.ttf)

Negative types need a 0.2 mm outline when embedded in a background with several colors. We have no possibility to correct vectorized fonts. A delivery of fonts would be helpful.

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Minimum line thickness elements (brands, pictograms a.s.o.)

Positiv / Negativ Elements

Minimum line thickness = 0.13mm

Pictures / Gradients

Gravure

max. 70 L/cm and a min. 3-5% screen dot

Flexo print

max. 54 L/cm and a min. 9-12% screen dot

Bitmap resolution at least 2400dpi

Image resolution at least 300dpi on a 100% scale.

Imageformat(.psd, .tiff, .jpg)

The JPG format requires less memory because resolution is compressed. Details of images can be lost and this can lead to a reduction of quality. Tiff files are lossless but require more storage capacity.

Trapping

The trapping requires 0,20mm.



Color space and color profiles

- The data must be delivered in the CMYK colour profile Coated FOGRA39 or ISO Coated v2.
- For other profiles, please ask our prepress team
- To colour-coordinate your data, we need a colour master (e.g. proof, existing print product, etc.). Otherwise, printing will be directly ex data record without corrections.

Colours

Spot colours must be defined in the data files as Pantone coated, HKS, etc. If available send us binding colour samples (proof).

Number of printing units

Gravure

10 units are available.

Flexo

8 units are available.

Eye-mark / photocells

The field printed before the eye-mark must be at least 10 mm long, have enough contrast for the eye-mark and must be free of gradations (ideal black/white), text, and image elements. Size and positioning must be described in the sketch.

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Barcode (ISO 15416:2016)

Gravure printing

In the running direction = minimum size of 90%
Against the running direction = minimum size of 100%

Flexo printing

In the running direction = minimum size of 100%
Against the running direction = minimum size of 110%

- Please note, the colour of the barcode must be readable with a barcode scanner.
- Observe the free zone around the barcode. If the specifications pursuant to GS1 are not observed, the code will not be readable.
- Our prepress department regenerates the code with the appropriate line reduction, which can result in deviations of the reproduction of the numbers. You can also insert a placeholder in your file and share with us your barcode specifications (numbers and size) so that we can generate the code for you.

! We cannot guarantee flawless readability for barcodes outside the GS1 standard.

QR-Code (ISO/IEC 18004:2015)

The contrast is decisive for the QR code (ideal black / white). The QR code should be generated according to ISO standard 18004:2015. The readability of the code depends on the device type and the software used.

Data delivery

- Mail
- Link (WeTransfer, Dropbox, aso.)
- USB-stick
- CD-R
- WebCenter Wipf
- Wipf FTP server, the URL will be provided by our sales team on request.

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