

High quality printing data (incl. data transfer) is essential for efficient and effective manufacturing processes and thus for the delivery of error-free packaging material. Please find below our standard requirements. Please do not hesitate to request any further information.

1. Data Transfer

Please use the below mentioned Dropbox link to transfer your data (ask sales contact for password). Alternatively, you may use WeTransfer. Furthermore, it is possible to transfer **compressed** data by e-mail. However, the size of the data provided by e-mail cannot exceed 15 MB.

Dropbox link: <http://laeserag.ch/druckvorstufe/?lang=en>

2. Data

We are able to work with the following data formats (for data conversion and/or transfer): Adobe InDesign, Adobe Photoshop, Adobe Illustrator. File formats: **High-end PDF (preferred)**, ai, eps, and images as tiff, psd or jpg.

Please find below some additional information regarding specific types of data.

Open Files:	Please use images in CMYK mode with a minimum resolution of 300 dpi (1200 dpi for illustrations). Please provide all the fonts that were used to create your artwork. A read-only PDF is necessary to check the received open files.
High-end PDF:	Embed images and fonts when transferring high-end PDF data.
Microsoft Office:	Microsoft Office programs do not deliver reprographic data. Please save Microsoft Office files as PDFs (uncompressed). Alternatively, transfer open files.

3. Colour Profiles

Please use the colour profile „PSO Coated v3 (FOGRA 51)“ for coated and the profile „PSO Uncoated v3 (FOGRA 52)“ for uncoated printing material.

The most recent PSO profiles may be downloaded on www.eci.org:

Navigation List – Downloads – Offset Profiles – PSO Coated v3/PSO Uncoated v3 (FOGRA 52)

Use the following path to install ICC profiles on your hard disk:

Library – Application Support – Adobe – Color – Profiles – Recommended

4. Printing Specification

Please find below a summary of our printing specifications.

Recommended Font Size:	Positive min. 4 point / Negative min. 6 point (negative: if possible, do not use light-fonts)
Recommended Line Thickness:	Positive min. 0.3 point / Negative min. 0.4 point

Image Resolution:	Halftone images 300 dpi / Bitmap images 1200 dpi
Maximum Ink Coverage:	300%
Minimum / Maximum Dot:	2% / 98%
Bleed:	2 mm
Colour Description:	Corresponding to printing inks (cmyk, pantone no)
EAN Code:	Min. size 80% (width approximately 30 mm, height variable, left/right: 2 mm of design-free area) / black is recommended)

5. Placeholder for FSC Labels

Please use a placeholder for FSC labels (17 mm min. height in portrait format / 12 mm min. height in landscape format) and for FSC mini labels (11 mm min. height in portrait format / 8 mm min. height in landscape format).

6. Punch Outline

We provide a punch outline, which must be used to create your data. Please do not delete our ARD number. Define the punch outline as a spot colour and set it to overprint. We recommend a min. distance of 1.5 mm in between the punch outline and the printing image.

7. Refinements/Nonprinting Elements

Please add refinements and unvarnished areas as separate layers and as individual colour separations.

8. Proofs

Initial print: Please do not hesitate to request a binding colour proof (Epson Proofer / ISO certified).

9. Trapping

Trapping is added by our prepress professionals.

10. Print Approval (GzD)

The document called „Gut zum Druck (GzD)“ is used for the approval of the final printing data. Please check the mentioned document carefully (e.g. text, layout, colour specification, braille, barcodes, and unvarnished areas). The approved document is crucial for internal quality checks.