



Packaging ideas.

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 WeTransfer or e-mail to transfer your data.

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



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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 (1D-Code):	Min. size 80% (width approximately 30 mm, height variable, left/right: 2 mm of design-free area) Color recommendations: black Link to the GS1 Guide
QR-Code (2D-Code):	Square module: min. 0.396 mm / max. 0.990 mm Quiet Zone: 4 Square module on all 4 sites Color recommendations: black Link to the GS1 Guide

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.