



DATA TRANSFER IN PREPRESS

MAYR MIESBACH works consistently with color management in prepress. Prepress and printing are certified by IPM GmbH in accordance with ISO12647-3, which means we meet the highest quality standards - reliably, reproducibly and verifiable. In order for our customers to benefit fully from these advantages, certain requirements must be met when supplying data.

1. GENERAL NOTES

- View your created PDF data with the "Output Preview" in Adobe Acrobat DC. Located under Tolls → Print Production → Output Preview.
- Make sure that the "Simulate Overprint" option is enabled in the window that appears.
- Each print file is checked by our PDF workflow and, if necessary, optimized and rebuilt for printing.

2. ACCEPTED FILE FORMATS

PDF/X-4 is preferred.

Open file formats can be processed for an additional charge: QuarkXPress from 4.1, Adobe InDesign from CS5.

The following image formats can be used in open files:

- Tiff, optionally with LZW compression
- EPS, optionally with JPEG compression
- JPEG (max. quality)

3. BLEED

Pages that run off the edge must include a trim allowance of at least 2 mm. If a design runs into the gutter, no bleed is required in the gutter.

4. PDF EXPORT

For PDF export, select the "Single pages" function; a PDF document containing several single pages will be generated. We will gladly send you our joboptions. Simply send an e-mail to sbaumgartner@mayrmiesbach.de.

The page format created in the layout program must match the final format of the printed product. In PDF files, the trim box must be set correctly on each page and correspond to the final format. Qualified consultation or clarification of any difficulties that may arise is often only possible with the creator of the files. Therefore, contact addresses, telephone numbers, etc. should be provided.

5. FONTS

- Make sure that the required fonts are complete and embed them in the the print file.

6. SCALING AND RESOLUTION

Effective resolution of built-in images not below 300 dpi

Effective resolution of built-in bitmaps not below 1200 dpi

Note: Higher resolutions (relative to the final format in the output) do not improve quality, but unnecessarily increase the amount of data. Lower resolutions or scaling images in the layout software may lead to a reduction in quality and should be avoided. Images should be included in the layout in the correct size and resolution.

7. COLOR SPACES/COLOR PROFILES

▪ In principle, we assume that the supplied print data has been created in the correct target profile. If data is delivered in a different color profile than required, we reserve the right to convert the file to the required target profile. This may result in slight color shifts.

- If you are unsure about color profiles and color conversions, please do not hesitate to contact our prepress department. sbaumgartner@mayrmiesbach.de

Color profiles and the associated materials

- Profile: ISO Coated v2 (300), for paper grade 1/2
Material: Glossy or matte coated paper
- Profile: PSO LWC Improved, for paper grade 3
Material: Improved glossy painted (LWC)
- Profile: PSO LWC Standard, for paper grade 3
Material: Standard glossy painted (LWC)
- Profile: PSO Uncoated, for paper grade 4
Material: Uncoated white Offsetpaper

RGB:

- LStar-RGB, ECI-RGB, sRGB, Adobe RGB
- a color space and color profile conversion is always necessary. This may result in slight color shifts. The ISO, PSO profiles and eciRGB can be downloaded from <http://www.eci.org>.

8. COLOR DESIGNATION OF SEPARATIONS

Defined spot colors should represent actual additional color separations and also have the correct color designation (HKS/Pantone/RAL). If a spot color is to be process color, the color designation could look like this color designation could look as follows: C100M20Y30K10.

9. MINIMUM LINE THICKNESSES

To prevent lines from breaking out, the following line thicknesses must be observed:

- Positiv 0,10 mm
- Negative 0,10 mm

10. TRANSPARENCIES

Transparencies can be processed and should not be flattened during PDF generation..

Note: When transparencies are flattened, trapping can change the appearance of a page. This error occurs mainly with PDF's created in version X3 (1.3).

11. TRAPPING (OVER/UNDER FILLING)

Trapping is one of the core tasks of prepress and is therefore usually carried out by us.

Therefore, please deliver untrapped data in terms of texts, graphics, vectors.

12. HARDCOPIES/COLOR-COMPLIANT PROOF

To ensure the completeness of data deliveries, an approved proof must be supplied for each page. This must reflect the last actual data and be optimized for the paper class actually used.

Note from FOGRA: a proof is only considered to be color-compliant if, for example, a Ugra/FOGRA media wedge CMYK is present on the proof and the CIELAB values provided for this are adhered to within the tolerances. The CMYK tone values of the Ugra/FOGRA media wedge CMYK version 3.0 are based on those of the international standard ISO 12647-7. To check compliance with this standard, we recommend the use of the basICColorcontrol program.

Color-compliant documents must be marked as such and must bear the signature of the approver.

If this is not the case, or if no proof is supplied at all, MAYR MIESBACH will work with Softproofs and, for a fee, will produce a Hardproof which can be used as a basis for color matching and as a proof for the customer. This serves as the basis for color matching and as the contractual basis for the print order.

13. COLLAR ALLOWANCE FOR PERFECT BOUND MAGAZINES

For magazines with perfect binding, a gutter allowance must be taken into account for double-sided motifs whose texts and important image components run through the center of the magazine.

This collar allowance compensates for the loss of motifs that occurs due to the stapling effect of the glued cover. This largely ensures legibility and a harmonious image transition in the finished booklet.

Particularly with texts that run across the gutter, it is important that the gutter allowance is observed and the words are separated accordingly.

Cover to content/content to cover:

Collar allowance for the inside cover page to the first or last contents page: **5 mm per side**

Contents to Contents Collar allowance for contents page to contents page: **2 mm per side**

INFOGRAPHIC COLLAR DOUBLING FOR ADHESIVE BONDING

✓ RIGHT

Text and image **content** were shifted **2 mm/5 mm** to the left and right, respectively.



Display of the double page in the layout program



View from finished product

✗ WRONG

No waistband duplication was created here. Text and image parts therefore disappear in the gutter.



Display of the double page in the layout program



View from finished product