



Technical conditions for data import

To ensure smooth workflows for our printing partners we recommend compliance with the following specifications when submitting data. Reliable production and efficiency are then ensured.

Punching contour on folding boxes

The graphic layout must comply with the original supplied punching contour drawing with a scale of 1:1. These are provided as an .EPS or Illustrator file. A separate colour must be created for the contour. This is preferably an RGB spot colour so that it appears as a different colour in the CMYK colour set.

Layout

Bleeding elements must be created with a trimming overhang of 3mm. The distance from the punching line (folding box) or the trimmed size of a label should not be less than 3mm. Precise positioning must be generally ensured, especially with circumferential design elements.

Colours

On labels and folding boxes there should be a clear differentiation between scale colours and special colours. RGB colours are not permitted. Extra treatment (lacquering, embossing, Braille) must be treated as spot colours. On folding boxes an additional and clear printing colour legend must be included on the document page.

EAN

EAN codes should always have a white background and be created with a suitable programme.

If no EAN is available or it is not possible to create one, it should be replaced by a placeholder which provides exact information on the type and size of the code.

We would be pleased to create the code in accordance with your specifications.

PDF-X3

Files in .PDF-X3 format are preferred. These must be, however, correctly created.

- All employed fonts must be embedded, at least the employed characters as a sub-group.
- Image data must be contained as part of the .PDF, no image links or OPI comments.
- CMYK and spot colours are permitted, LAB and RGB colours are not permitted.
- Comments and form fields are not permitted inside the trimmed size.
- The page geometry (trimmed size and bleed) must be defined. It must be stated whether the file is already overfilled.
- LZW compression is not permitted.

Files created with the following programmes are also processed. A .PDF must be attached as a reference file.

Please note: Extra costs are generally incurred which will be invoiced according to outlay. Hourly rate for data handling: EUR 60.00

Fonts must be converted in paths. If this is not possible (e.g. Quark-XPress), please check the necessary correction proof on your own responsibility, as processing can result in changes to the content.

Qualified workfile (fonts as paths) incl. qualified reference file (.PDF with embedded fonts or printout).

Mac OS

Illustrator up to CS3
Indesign up to CS3
Freehand up to MX11
QuarkXPress up to 8.0

Windows

Illustrator
Indesign
Freehand
QuarkXPress
Corel Draw up to version 10

For all Windows programmes only applies with OTF fonts (Open Type Fonts), otherwise here please as .ai or .eps with vectorised fonts.

All images and logos (imports) used in the files must also be supplied if these are not embedded.

Images can be supplied in the file formats .EPS, .TIFF and .PSD.

The use of low resolution data and compression formats (e.g. .DCS and .JPEG) should be avoided. .JPEG only for data communication.

There should not be any scale modifications in the layout programme, nor should any resources be supplied which are not used.

File names must be clearly and easily identifiable and identical with the designations in the order.

Image resolution

For 1:1 replication of half-tone images in a grid pattern of 60 lines/cm, an image resolution of 300 dpi is necessary. The scan resolution of line images should be at least 1200 dpi, optimally 2400 dpi.

File format

Images must be created as correspondingly high resolution .TIFF or .EPS files. Other image file formats incur extra work. Files which are ready for printing should not contain any low-resolution data.

Colour separation

Optimum results in printing folding boxes and labels are achieved with 4-colour separation.

Overfilling

Any necessary overfilling and underfilling must be taken into account. The standard dimension is 1/10mm (0.283 pt).

Press proofs with binding colours

Press proofs and analogue proofs with a printed FOGRA media wedge are valid as contract proofs for scale printing!

If this is not the case, CCM reserves the right to create a comparison proof and to invoice this accordingly.

For the proof it must be taken into account that only scale colours can be shown as contract colours. Spot colours and metallic colours can only be achieved with a correct press proof. This means a higher cost factor.

data transmission

ISDN transmission

on request

email transmission

on request

ftp server

on request



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