



Data supply Print

Data-Formats

Please supply us with print ready PDF-X files corresponding to ISO 15930-4 (PDF/X-1a) or ISO 15930-6 (PDF/X-3).

We are, of course, delighted to accept open files with your data and prepare them for print. The cost for this is based on time and effort and will be charged as extra cost. The following applications are available in our pre-press department on both Macintosh and Windows operating systems. The latest updates and versions are on hand.

Adobe InDesign, AdobePhotoshop, Adobe Illustrator, Adobe Acrobat, Quark Xpress

Lineal Density

All lineal densities should at least correspond to or be in excess of the minimum values, namely:

- positive print 0.10 mm
- negative print 0.15 mm

Type-Face Sizes

The font sizes should also have a minimum value of:

- positive print 4 pt or 1.50 mm
- negative print 5 pt or 1.88 mm

Please pay special attention to these minimum values in the cases of serial fonts and particular variations of a typeface.

Colours

Please make sure that all data is supplied in CMYK mode. Special colours have to be set up as Pantone or HKS colours. The data should only contain the colours that are required for printing.

Black elements have to be set up as overprint, white elements as knockout.

Ink Application/Inking

For conventional offset printing the ink application of all colours should not exceed 300%.

Printing on CD/ DVD/ BD we offer screen-printing for images with special colours as well as a special offset printing for CMYK images.

Contrary to conventional offset printing the black in this special offset is not opaque. To achieve a jet-black in bigger elements or texts it is necessary to print the black out of all four base colours. Here we recommend a colour application of 100% each so that the total ink application would be 400%.

Image format/image resolution

The colour modus has to be CMYK for colour images, grey scale for black and white images and bitmap for drawings. Colour and grey images (EPS, DCS, TIFF) need to be supplied at 300dpi resolution, bitmap images at 1200dpi.

Barcodes

Barcodes should be printed as a vector path and at 100% of one colour.

Is the background of the barcode a colourful image a high contrast between the barcode and background is advisable.

Proofs

We accept a contact proof created under ISO 12647-7 with a UGRA/Fogra media wedge CMYK Tiff as a colour representative. This must be of the latest version of the data.