File Supply

General Information

With the following information, we want to assist you in preparing your files for trouble-free processing. Please supply your files as print-ready PDFs , preferably PDF X4 or 1a, other formats need to be cleared in advance with your contact at customer service.

Document specifications

Files
Please only supply files for the products which you want us to produce. For each product (eg. pac, sleeve, box) please supply a separate PDF file.

Tolerance /Bleed
Please supply all files with at least 3mm bleed (in some special cases , 5mm). This is necessary to allow for unavoidable printing and finishing tolerances of +/- 0,5 mm per process.

Colours
Please ensure your colour palette contains Cyan, Magenta, Yellow , Black and All (registration colour) and delete any unused colours.

- Colours that are not to be printed extra (as spot colours), must be defined as process colours.
- Spot colours have to be from the Pantone Colour Matching System. Your file should only contain the spot colours that are explicitly going to be printed.
- Solid black areas should be underlaid with 40% Cyan & Magenta in order to obtain a rich black through offset printing Layout elements, whether images or line art, need to be trapped, in order to avoid possible misregistrations throughout the print run (See Trapping).
- Trim marks or colour information must be outside the print area.
- The standard print order is K,C,M,Y. Depending on the image, there may be another printing order required.
- Printing on aluminium laminated carton: Areas which are not supposed to reflect due to the aluminium, need to be printed with white first. Please deliver a Composit-PDF in which the white colour is applied as an extra spot colour.
- The total colour application should be maximum 300%.
- Please embed an up-to-date and currently valid ICC Colour Profile into your document – more information about currently valid profiles is available on our internet site under Services/Colour Management.

Fonts
When supplying source files, please supply all used fonts with your file or convert text into paths. Avoid using the bold or italic options of a text programme, using instead the correct type styles from the relevant font (e.g. Helvetica bold, Helvetica italic). Fonts will be deleted after use. All fonts should not have a point size of under 5pt / 1.75 mm for positive use, and 7 pt / 2.27 mm in negative use. White negative fonts should not be coloured with even fractional tonal values as even 0.1% K, can set them to overprint and make them invisible in the final print.

Line weights
The line weight should not be under 0.15 mm is positive use and 0.25mm in negative use.

Imported elements in files

Image data
Images have to be in CMYK modus for colour images, Grayscale for B/W images and Bitmap format for line art:

- 4c images can be EPS, DCS or TIFF-format, minimum 300ppi
- 1c images: EPS- or TIFF-format, minimum 300 dpi
- Bitmap images: TIFF-format, minimum 1200 dpi
- All images should be without layers, they need to be rendered to a single layer

Images must not be saved with screen settings, or print characteristic curves. Images with clipped paths should not be saved with a tolerance value or it should be left undefined or deleted.

Imported graphics and images
All the necessary data components for file output must be supplied (images, graphics, fonts) particularly is supplying source files. All files should be in a collective folder, and not require any modifications after any links have been updated.

EPS Files
Please embed fonts in EPS files as far as possible or convert text into paths. If an EPS file contains captured images, these need to be supplied as well. Avoid merging several EPS files into one larger file. Black elements need to overprint, white elements need to knock-out.

Barcodes
Barcodes should be in vector format and 100% K. A white background box should not be in spot white but simply 0% CMYK. Alternative background colours can affect the readability of the code – they should never have any black colour values or cyan colour values greater than 10%.

Proofs & Colour Matching
We print to ISO Standard 12647-2. We only accept contact proofs created to the current valid ISO 12647-7 standard and with a UGRA /FOGRA colour media wedge CMYK-TIFF.

File Transfer
- FTP-Server: We can link you to out FTP Server, please contact your Customer Service representative to receive access details.
- E-Mail (only for PDF format files under 5MB size).

Specifications / Templates
To aid you in preparing your artwork, we have a product databank available on our homepage, where you can download specifications and original size templates free of charge. Please state the number of the template you used when the final files are supplied.

Liability / Archiving
We are not responsible or liable for production deficiencies resulting in non-conform files that do not meet our specifications . Please only send us copies of your files, not originals, as we delete supplied files automatically 6 months after production. Production files are kept for up to a year, as timed from the last print run. Then they are also automatically deleted.