

Guidelines for the delivery of digital files

Version 18 - 05/05/2023

Dear customer,

In order to be able to process your order faultlessly and without extra costs, we ask you to observe the following guidelines.

The purpose of these guidelines:

- Getting workable files delivered.
- To exclude as many (technical) problems as possible in advance.

If something is not clear to you or you have other questions, please do not hesitate to contact your responsible. Prepress Bart Bliki (+32 53 82 50 12)

TO BE DELIVERED:



PDF (High-Resolution version **1.5** or higher)

with a colour print and the completed document "[Checklist regarding delivered files](#)".

To create a perfect PDF file we refer to the site of the [GhentPDFWorkGroup](#) where you will find more information to create a PDF for packaging printed matter. here, you can also download the Packaging Offset specifications.

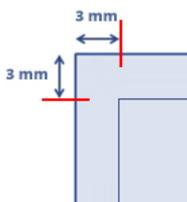
PDF SPECIFICATIONS:

- Creation of **1.5** PDF file (or higher) directly from source file.
- Only 1 page per PDF file (use another PDF file for every different printed matter version) and no blank pages either.
- For recto and verso: page 1 is recto - page 2 is verso.
- The compression used applies to images in ZIP (no JPEG) or CCITT.

LAYOUT SPECIFICATIONS:

Place the layout film delivered by us in a PMS colour and in a separate layer; do not rotate and/or change this layout film. Before starting with your design, you receive the single digital layout film. If you have not received it yet, please ask for it! It will save time and money.

- ✓ Texts vectorised (also deliver the fonts you used). Indicate the date recess on your digital document, if applicable.
- ✓ Slope compared to our layout film: 3 mm. We're using 0.08 mm as trapping. We will apply this; you do not need to do this.



- ✓ Remove all excess colours (we print up to 6 colours in 1 run, namely spot - B - C - M - Y - spot).
- ✓ The suffix of each PMS colour used must be 'C' (not 'CV' or 'CVC'...); do not use ambiguous colours (same name but different colour or the other way round).

CMYK



Spot (PMS)



PMS 361 C

- ✓ RGB images are not allowed.
- ✓ Ink coverage may not amount 340%.
- ✓ Texts not smaller than 4 dot. When texts consist of or are made of 2 or more colours not smaller than 8 dot.
- ✓ Line thickness may not be smaller than 0.15 dot; when the line consists of or is made of 2 or more colours not smaller than 0.30 dot.
- ✓ Resolution of images used must be at least 280 dpi and at most 450 dpi; 1-bit images (such as masks and lines) must be at least 2000 dpi and at most 4000 dpi.
- ✓ If printed images are composed of a mixed set of colours differing from the standard CMYK colour set, no true-colour digital colour proof is possible. This can also cause restrictions on the composition of the matrixes when combined with a CMYK colour set of other references to be printed. In this case, we ask you to contact us beforehand.

ADDITIONAL UPGRADING SPECIFICATIONS (UV-VARNISH, EMBOSsing, FOIL, SILKSCREEN PRINTING, ETC.)

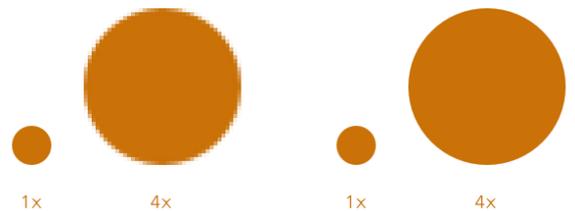
We need a separate layer with only these objects in it; this layer must be located on top of the document. If not, editing corrections will be charged. For more information, you can always contact the responsible person from the pre-press division.

Foil:

- ✓ Minimum text thickness 0.2 mm
- ✓ Minimum line width positive: 0.2 mm
- ✓ Minimum line width negative: 0,3 mm
- ✓ The printed colour (offset printing) must continue under the film colour into the graphic design elements
- ✓ All parts to be foiled must be vectorised and without any raster.
- ✓ **Please note that not all available film colours can be used for all raw materials. We are pleased to guide and advise you in your choice.**

Raster

Vector



Embossing:

- ✓ Embossing located at least 6 mm from any folding or cutting line
- ✓ Minimum line thickness: 0.5 mm
- ✓ All parts to be embossed must be vectorised and without any raster
- ✓ **Note: the depth/result of the embossing depends (strongly) on the thickness of the material (paper/cardboard)**

TECHNICAL SPECIFICATIONS

Printing technique: offset printing with online dispersion gloss

Grid lines: mainly 218 lpi

Grid edges: cyan: 15° - magenta: 45° - yellow: 90° - black: 75°

Bar Width Reduction: none

Note: The creation of barcodes by DUCAJU® complies with the DIN EN 797 standard. For barcodes already created by third parties. DUCAJU® cannot be held accountable for their correctness and readability.

At DUCAJU® we always use the Pantone plus 2021 colour reference for the printing of Pantone colours.

PROOFING:

To be able to make an accurate proof of the CMYK image, our systems are set in accordance with the ISO 12467 standard. [ISO12647 reproductienorm](#)

IN CONCLUSION:

- Processing of files that do not observe the above-mentioned specifications, will be charged at our hourly rates.
- Because information can get lost during conversions, it remains necessary to check the proof and/or PDF thoroughly, both as to content and layout.

DUCAJU®

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