

Delivery specifications 02-2022

Please check [here](#) if you have the most recent version of this document. The content is updated from time to time, because of technological developments. When a new version is published, earlier versions will become invalid.

PDF

We prefer to receive your files as PDF 1.7. Before you create a workable PDF file, please make sure your open source files (such as Indesign, Photoshop or Illustrator) meet the guidelines for other format files, as described below.

Create your PDF according to the following guidelines:

- Create your PDF with our Big Format PDF.job options (click on icon attached). These settings ensure that icc-input profiles are embedded correctly. This will not affect the quality of your print.
- Please do not use any other settings to create your PDF. So no PDF /X-1a, -3 or -4. (when render intentions are consciously used; contact us)
- Do not use cutting lines or borders around the image.
- Supply files with 10mm bleed all around (Bleedbox).
- The size or ratio of the file (Trimbox) must meet the ordered size.
- Files with cutting lines and/or overlay, should always have the trimbox available. This trimbox will be used to scale the PDF to the requested size.
- Fonts need to be fully embedded or converted to outlines.
- Remove all invisible layers.
- Do not split up images yourself, we will use our workflows for this.
- Use short file names, without special symbols such as % / \ \$ _ # @ ? !
- Please create separate files per page, no multipage.
- Do not use PDF password protection.
- Do not use (fillable) PDF Forms.

If your files do not meet the specifications mentioned above, unwanted differences may occur (such as different sizes or white stripes).

Other format files

If you are not able to create a PDF according to our guidelines, we are able to work with the following files too. However, we prefer not to.

Adobe Photoshop up to version CC:

- Safe as .jpg, .tif, .psd
- File size should not exceed 29.999 pixels (both in width and/or height). Larger formats, will be downsized below 29.999 pixels.
- Only use color mode RGB or CMYK.
- Use the images only in a 8 bit channel.
- Your last step before 'safe for printing' is: Create 1 layer in the layer overview.
- When saving, please save including icc profiles.
- We prefer ISO Coated FOGRA27 or sRGB.
- Supply files with 10mm bleed all around (Bleedbox).

Adobe Illustrator up to version CC:

- Always convert fonts to outlines.
- Setup your artwork in CMYK mode.
- Do not use gradients in Illustrator. See explanation gradients further in this document.
- Use of filters and/or transparency creates very complicated files. These files need to be converted to Photoshop.
- Vector patterns need to be converted to Photoshop.
- Always save your file as a package, so links and fonts are inserted automatically

Adobe Indesign up to version CC:

- Always save your file as a package, so links and fonts are inserted automatically.
- Do not insert PDF/X-a, -3 or -4 files in Indesign. Always ask for the original open source files.
- Use high-quality typefaces, or better; create outlines!
- Supply files with 10mm bleed all around (Bleedbox).

Use of color

- You can use both CMYK- and/or RGB colors.
- Don't use GreyOscale or LAB-colors.
- We respect embedded icc-input profiles. If a file does not have icc-input profiles, we use the European ISO Coated FOGRA27- or the sRGB-input profile.
- PMS spot colors are automatically changed to CMYK (PANTONE + color bridge library).
- Please note: spot colors are always an approximation. On special requests we will try and meet the spot colors as best as possible, via a test print.
- Use of overprint- and transparency setups in combination with spot colors can lead to mistakes.
- Avoid overprint (with exception of White; see the explanation further in this document).
- When files divert in color structures, color mode, icc-profiles; the print result will also divert.

Black

- Use the following color structure to create the deepest black in print: CMYK 86/85/79/100 or RGB 0/0/0.
- Small color differences in black are hardly visible in print.
- Please note: with files which have both vectors and photos (bitmaps), you also need to apply this color structure in photos. Otherwise a difference within the image can occur.

White

We have several machines which can print a white spot color. There are several possibilities for various applications. Please contact us for help in creating your files.

Gradients

The best results are achieved when gradients are created in Photoshop in high resolution. Other methods (such as Illustrator) can lead to Banding. This is not an error of the printer, but it's already present in the file.

(see next page)

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Resolution

The resolution of images depends on use and type of images;

- Viewing outside and far away: 12 to 30 dpi (final size).
Application: large format prints.
- Viewing outside and close: 30 to 70 dpi (final size).
Application: medium format prints.
- Viewing indoor and far away: 30 to 70 dpi (final size).
Application: medium format prints.
- Viewing indoor and close: 70 to 120 dpi (final size).
Application: small signing and displays.

Example: on a large canvas for outside use, a final resolution of 30 dpi will be sufficient for photos (bitmaps). If the artwork is 10% of the final size, the photos should then have a resolution of 300 dpi.

Dimensions

- We always communicate dimensions; width x height (w x h).
- The indicated size in the order is leading to us and will be used as the final size.
- Files, which are made in the proper ratio (w x h), will be automatically scaled to the requested size. With large deviations we will always contact you.
- If you don't supply any bleed, your files will be slightly enlarged (3 to 6mm). This because of a possible finishing step (cutting).
- Your files will be automatically split-up when the requested size is larger than the print width of the material.
- Place logos or text with a minimum of 2 cm from the edge or cutting lines. Please communicate specific wishes about the division clearly in the order
- Final dimensions can somewhat deviate due to stretch, shrinkage or elastic properties of the material (textiles). Make sure important parts of your print (logo's) are not too close to the edge.
- If split-up files need to be uninterrupted optically, please communicate this clearly in the order.

Contour- or form cutting

- Make sure there is extra bleed around the print that will be cut.
- Use our BIGImpact-spots for Adobe Illustrator with our specific spot colors (see attachment)
- Always setup cutting lines in Illustrator as a closed vector-line and indicate with a BIGImpact-spot color. (f.i. Thru-cut)
- The minimal radius for round corners which need cutting, should be 3 mm. Please keep the cutting-line fluent and not too detailed.

Optimal quality

- When your files meet our specifications, we can offer you the highest quality in printing.
- Always setup text and logos vector-oriented. Always setup photos (bitmaps) in the advised resolution above.