



Bleed

Please add a **circumferential allowance of 20 mm** based on the final format. If your products are produced using UV printing, a **circumferential allowance of 1% (at least 20 mm)** should be added.

! The UV printing process is used when both width and height are greater than 300 cm. For consistent color representation, smaller formats can also be produced in combination.

Additional information and examples can be found on the second page of this printing data manual.

Backgrounds, colors, gradients, and graphics should be placed right up to the edge of the data format because small tolerances can occur during production of your print.

Cutout

A cutout is possible with almost all of our materials and allows you to be creative with your products.

Please place the cutting path as a special color directly in the print file. Name the path „CutContour“ with the following color values:

0% Cyan, 100% Magenta, 0% Yellow, 0% Black

The image must be designed 20 mm larger than the cutting contour to avoid any white „flashes“.



Safety Zone

Place important elements, especially text, at least **100 mm away from the edge**.



Color Mode

We accept CMYK and Euro scale values. Special colors such as HKS or Pantone and data in RGB color mode will be converted to CMYK for digital printing by us. If your data is ICC profiled, it will automatically be converted to the best possible color spaces of our output devices. Our color profile recommendation for data delivery in the CMYK color space is **ISOcoated_v2.ICC**. You can download it [here](#).

Properly setting black

In order for black areas to appear true black, it is necessary to add a so-called undercolor addition. This involves adding cyan, magenta, and yellow components to the black. This applies only to large black areas and headlines, not smaller font sizes!

Our recommendation for fabrics and textile materials is:
60% Cyan, 60% Magenta, 60% Yellow, 100% Black



Fonts

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Embed fonts completely in the document or convert them to paths.



Multi-part images

Please design multi-part images to be produced in one piece without overlap. The image division will be set during production. Please pay attention to the positioning of image elements and text with respect to the web division, such as cuts through logos, faces, typography, etc. when creating your data.



Output size / resolution

Please create your file as close to 1:1 of the output size as possible, or proportionally to the output size, so that we can scale the data accordingly. Please note that the resolution is also sufficient for the later output size (for example, a banner at a scale of 1:10 with an image resolution of 300 dpi will have a resolution of 30 dpi in the final printed format). Please take this into account when exporting PDFs!

Your image files should not have a resolution of less than 62 dpi when related to the output format, otherwise the print may appear pixelated. The resolution is also always related to the viewing distance for large format prints.



File names

Please do not use excessively long file names; 15 characters should be sufficient. Also, please do not use special characters (e.g. %, &, \$) or special characters (ä, ö, ü) in your file names. It is recommended to also include the order number in the file name.



File format

As a universal print data format, please send us a PDF file, exclusively in the **PDF/X-4 standard**. Pure image data can also be provided in TIFF format. The final format and trim frame must be correctly defined (more on this under „Trim Addition“). **Please do not include trim marks, registration crosses, or print control strips.**



If you have any questions about your data, we would be happy to help you.

Bleed and Safety Zone

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- Bleed** Please add a **circumferential allowance of 20 mm** to the final format as a default, except for prints produced using UV printing (see below).
 Example: For a final frame format of 2000 x 1500 mm (width x height), add 20 mm of trim margin on the right and left and top and bottom. The data format will then be 2040 x 1540 mm.
- Bleed for UV printing** For UV printing, a **circumferential allowance of 1% (at least 20 mm)** should be added around the final format.
 Example 1: For a final frame format of 4000 x 1500 mm (width x height), add 40 mm on the right and left and 20 mm on the top and bottom as a trim margin. The data format will then be 4080 x 1540 mm.
 Example 2: For a final frame format of 4100 x 3100 mm (width x height), add 41 mm on the right and left and 31 mm on the top and bottom as a trim margin. The data format will then be 4182 x 3162 mm.
- Safety Zone** Place important elements, especially text, at least **100 mm away from the edge**. Backgrounds, colors, gradients, and graphics should be placed right up to the edge of the data format because small tolerances can occur during production of your print.

If you have any questions about your data, we would be happy to help you.

