General requirements for your print data

Data formats, colour spaces, data transmission

for a smooth production process

Data formats

We require a print-ready PDF/X-4. Omit all registration marks, colour bars, bleed marks and page information when creating the document.

Create print data in CMYK colour space, as our digital printing systems print in 4 or 6 colour mode (CMYK + Light Cyan and Light Magenta). Special colours, RGB data and greyscale images are automatically converted to CMYK by us. Create deep black at 80% Cyan, 60% Magenta, 60% Yellow, 100% Black.

Name file with customer_project_name_size_number_of_units.

Pixel-based print data in TIFF format

Image resolution:

Scale 1:1

Large format prints (> 5 m²) - at least 35 ppi, ideally 120 ppi

Small format prints (< 5 m²) - at least 70 ppi, ideally 120 ppi

For scale 1:10, the files must have 10 times the resolution accordingly. Files with a page length of more than 5000 mm must be created at a scale of 1:10, as most programmes do not support this format.

White print

Pixel based: Create a 5th solid colour channel called "Spot1" for your 4C graphic. The areas to be printed white must be in this channel and then saved as a Photoshop PDF or TIFF.

Vector based: Create an additional layer in your layout programme and name it "Spot1". Create a solid colour swatch also named "Spot1" with 100% of C, M or Y for better visibility. Set all "White" elements to be printed or underprinted on the "Spot1" layer to overprint.

Final format / visual dimension

20 mm bleed/hem allowance all round

Trim/hem allowance must be applied according to our finishing specifications for the respective products in our data sheets.

Requirements for your print data for

Prints on textile substrates

with flat piping (3 x 14 mm)

4C sublimation printing, very good colour brilliance, long durability

Print data according to our specifications as a print-ready PDF/X-4 file.

For split motifs, a mutual overlap of 1.5 cm is overlap of 1.5 cm is required.

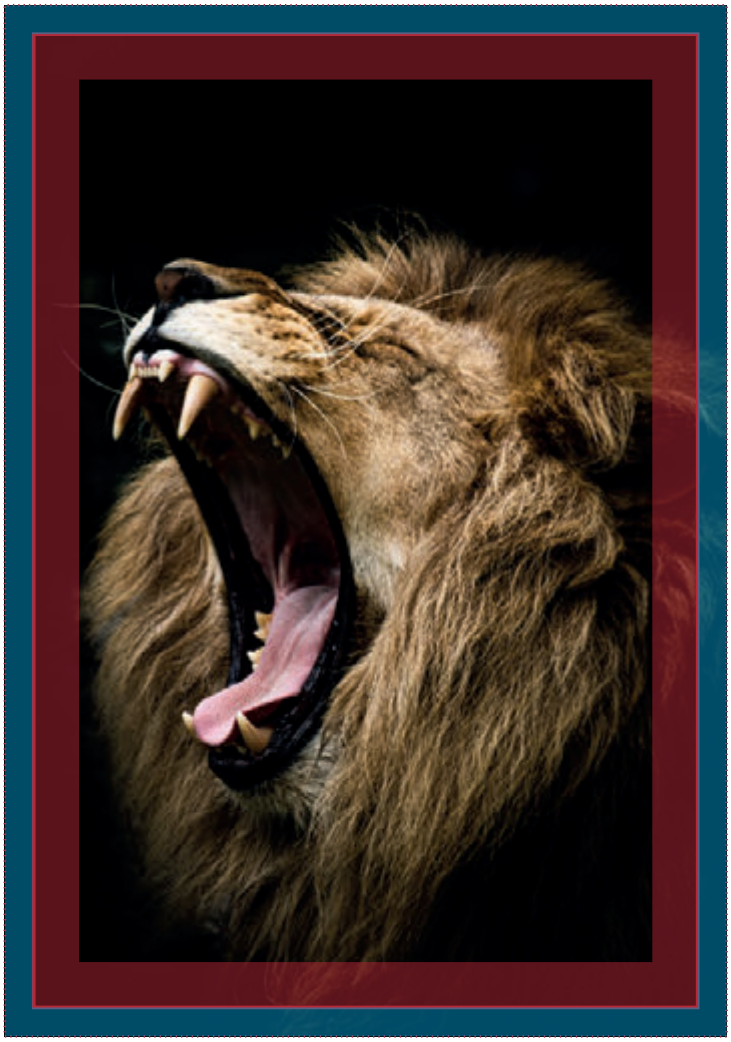
Bleed/hem allowance: 20 mm all around.

For the production we need a layout plan to be able to make the necessary cutouts to be able to make the necessary cutouts. A test assembly in our company guarantees the best fitting accuracy.

Do not use any registration marks, colour bars, bleed marks and page information of the of the document.

Name file with customer_project_name_size_number_of_units.

name.



Final format / visual dimension

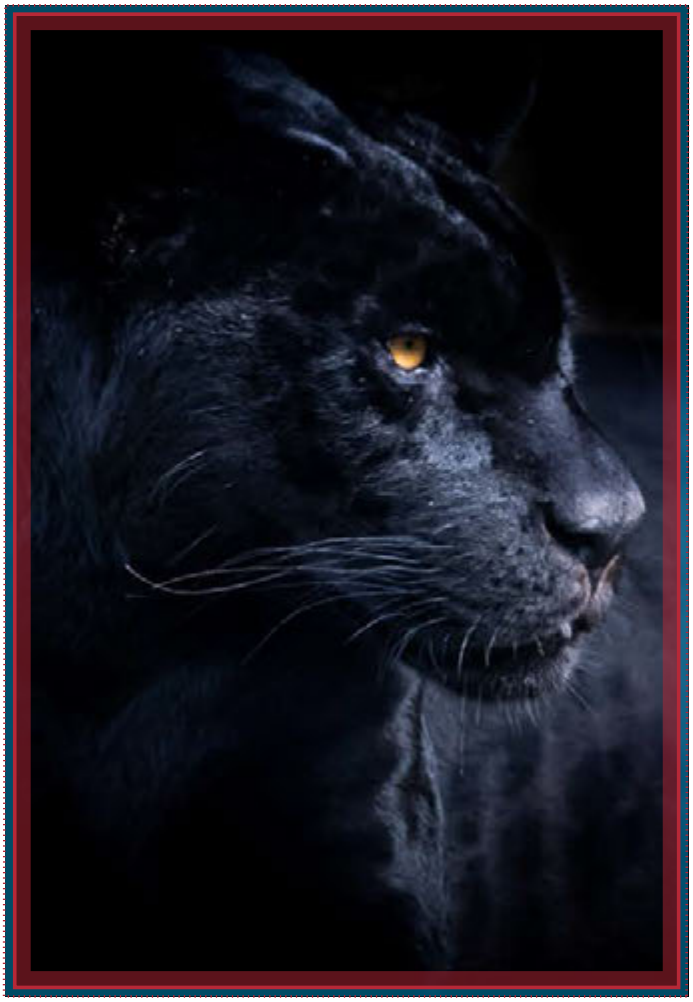
20 mm bleed/hem allowance all round

2% all around, but at least 5 cm distance from relevant texts and graphics to the edge

Requirements for your print data for

Prints on foils and banner material
incl. contour cutting
6C latex, solvent printing, high-end printing, up to 152 cm print width

Create print data in CMYK colour space.
Special colours are automatically converted to CMYK by us. Deep black 80% cyan, 60% magenta, 60% yellow, 100% black.
Image resolution:
Pixel-based data
Scale 1:1at least 70 ppi, maximum 120 ppi. For scale 1:10, the files must have 10 times the resolution. For split motifs, a mutual overlap of 1.0 cm is required.
Bleed: all around 5 mm
Line widths min. 0.25 pt
Letter size min. 6 pt
We require a print-ready PDF/X-4. Omit all registration marks, colour bars, bleed marks and page information from the document.



Contour cut:
Create cutting path as CutContour, 100% Cyan, overprinting. Trapping 10 mm

Final format / visual dimension

20 mm bleed/hem allowance all round

Safety distance from relevant texts and graphics to the edge 2% all round, but at least 5 cm distance

Requirements for your print data for

Prints for flags

Flag polyester

4C sublimation printing, very good colour brilliance, long durability

Create print data in CMYK colour space. Special colours are automatically converted to CMYK by us. Deep black 80% cyan, 60% magenta, 60% yellow, 100% black.
We require a print-ready PDF/X-4. Omit all registration marks, colour bars, bleed marks and page information from the document.
For the corresponding trim/hem allowances for the respective flag types, please refer to our data sheets for technical flags on our website https://www.rundum-huebscher.de/sites/huebscherdruck/files/pdf/techn_Konfektion_Fahnen.pdf.
Hemstitch: The hemstitch measurement is calculated from (π * diameter) ÷ 2 plus 1cm processing area + 1cm seam allowance (rounded to the nearest even number).
e.g.: (3,14*6) ÷ 2 + 2 = 11,42 ≈ (rounded) 12
For hemstitches, the motif should be mirrored according to the allowances². For allowances up to 10 mm or for solid areas, you only need to adjust the file to the bleed. See right

e.g. ²Hemstitch 80 mm flat with 10mm seam allowance = 90mm

For larger hems it is advisable to mirror the motifs, otherwise the motif image will be visible on the reverse side in reverse.

Final format / visual dimension

20 mm bleed/hem allowance all round

Safety distance from relevant texts and graphics to the edge 2% all round, but at least 5 cm distance