

Prepress guidelines

Contact details

General

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Prepress guidelines

Data transfer

- CD or DVD
- Via WebCenter (possible with any web browser to our server): <https://pcs.leebe.de>

please request access data:

- Via your Leeb customer service agent
- If you provide us with through a downloadable file, please send the login data by e-mail to your Leeb customer service agent.

If possible please send us a reference proof via mail.

Colorprofil: ISO Coated FOGRA 39 (ISO 12647-2:2004)

In general, a PDF reference file should be provided with the data so that possible transfer errors or errors that result from program versions or preference settings can be recognized!

For custom colors please provide us with a reference sample.

Data acceptance

Data can be transferred from the following programs:

- Adobe Acrobat
- Adobe InDesign
- Adobe Photoshop
- Adobe Illustrator
- Esko Graphics ArtPro
- Esko Graphics Packedge

For creating a correct PDF file, you can download an Acrobat profile from our website!

www.leebe.de/service-downloads

Prepress guidelines

Technical data directives

Text

- If possible, design in one solid color
- Negative text not less than 6 pt., positive text not less than 5 pt.
- Vectorize characters or provide the font files to us.

Lines

- Positive not less than 0.05 mm
- Negative not less than 0.1 mm

Vector forms / objects (logo, surfaces, etc.)

- Design in the color to be used when printing (CMYK/Pantone/HKS)

Images

- Image resolution at least 150 dpi for 1:1 representation (better: 300dpi)
- Design in the corresponding color mode that shall be used when printing (CMYK/Duplex/Triplex/etc.)
- Colorprofil: ISO Coated FOGRA 39 (ISO 12647-2:2004)

EAN

- Created and inspected according to the standard by Leeb Prepress.
Specify version, number and desired SC size.
Minimum SC-0 for printing on aluminum; SC-2 for printing on film or paper.
If possible create lines in flow direction.

Prepress guidelines

Technical data directives

Composings

- Retain objects and layers in the file to be delivered to the customer.
- Put together images, text and vector forms in layout programs only. (Illustrator, InDesign)

Colors

- It is possible to combine CMYK and Spotcolors in one job. Use a maximum of 10 colors (including white and varnish). Make sure the colors used in your artwork are clearly named (Pantone-Nr. - HKS-Nr.)

Punching

- Only in digital, vectorized form
- MHD and charge no. fields, as well as stamps and print-free areas must be labeled on the punch
- 3 mm color trapping on punch contours
- Create a form for white color (Set white areas and white-backed areas in an extra layer)

Important for all data from Graphic programmms:

Please do not apply trapping!

All customizations for flexographic printing will be done by us!

Endless printing

Coordinate design on flow direction, format and repeat length!

Prepress guidelines

Construction for flexographic printing

Screen

Standard screen 137lpi/54er lpcm -> other screenings on request

Circular dots

Min. dot 2%, max. dot 98%

| | | |
|---------------|---|-------------|
| Screen angles | C | 7° or 97° |
| | M | 37° or 127° |
| | Y | 82° |
| | K | 67° |

Other specifications

- Minimum trapping 0,1mm
- Maximum trapping 0,25mm
- Maximum ink coverage 360%
- Bleed on outer left and right sheets 2mm
- Cliché trimming in the running direction 0.4mm each and 0.3mm between the sheets
- ACE-Plates
- Information on relief height (ACE.....mm/FE mm) requested
- Apply the LEEB material number to each colour in the trim
- Microdots on each copy 1 mm left and right within borders; horizontally centered
- Steering line on the right outer sheet (max. 4 mm distance to cutting edge)
- Control wedges and color wedges on the left outer sheet (arranged one below the other)

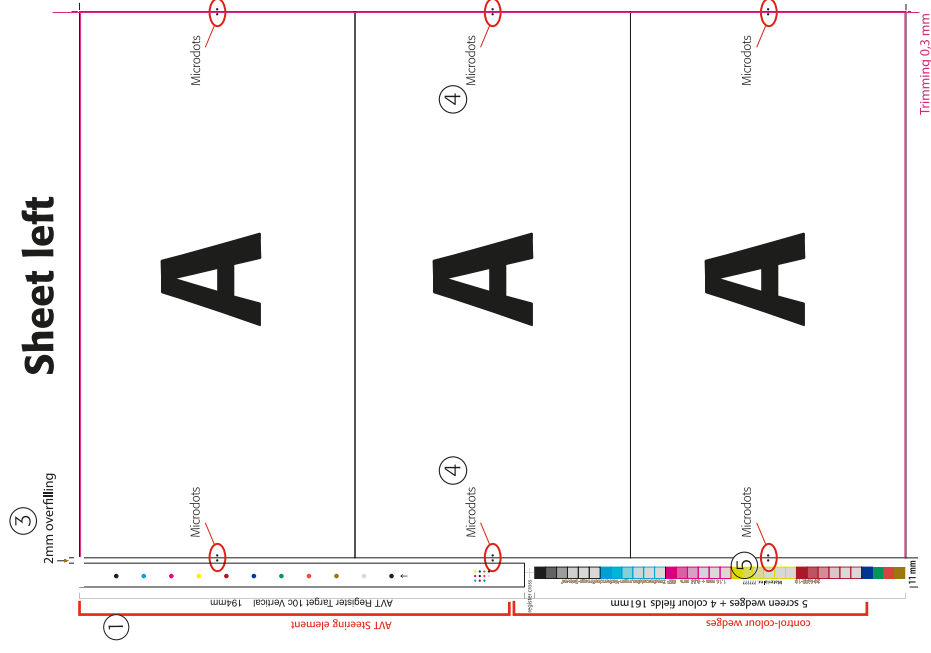
General

- Tonal value increase curves and densities on request
- Microdots and halftone wedges according to the standard for setup on request
- We will also provide a print substrate based proof profile, or printed GMG FLEXOCHART v2 Spectro i1iO measurement charts for Profilemaker on various print substrates.
- A proof is required for new jobs or job changings in order to adjust colour matching ideally.

Step and repeat

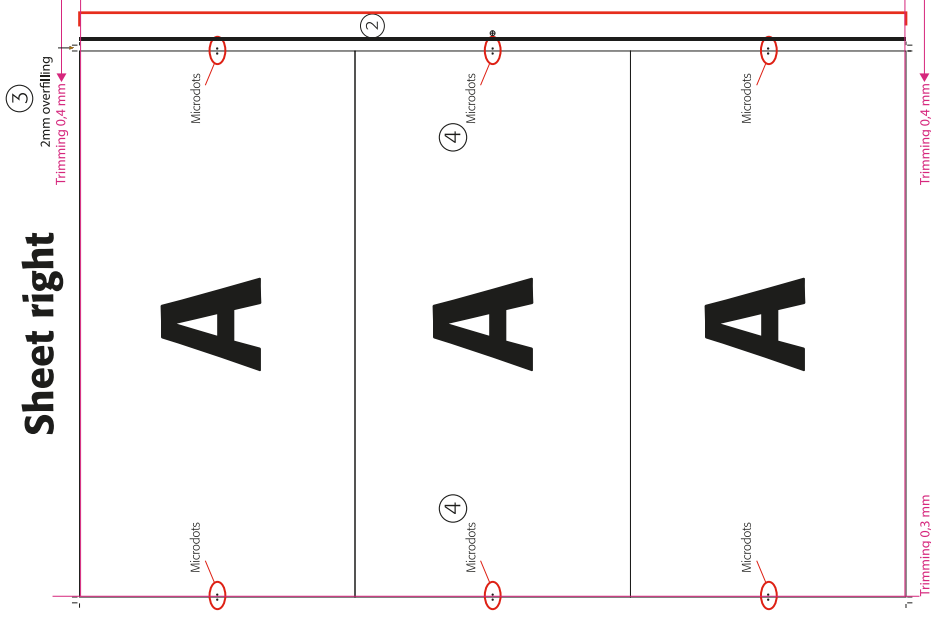
Type of step and repeat: Single sheets → appendix, others on request

Single Sheet for staggered step and repeat



Sheet left

Sheet center



Sheet right

1. Control-/color wedges/AVT - on the left outer sheet (arranged one below the other)
 - always on the right outer sheet (min. 4 mm distance to the cutting edge)
2. Steering line
 - Sheet left: left 2 mm overfilling; right -0,3 mm undercut.
 - Sheet center: right + left -0,3 mm undercut.
 - Sheet right: left -0,3 mm undercut; right 2 mm overfilling
 - for all sheet in running direction -0.4 mm (top + bottom) undercut.
3. Trimming/Trapping
 - 1 mm left and right within borders; horizontally centered
 - on the left side of the left sheet
4. Microdots
 - Maximum width of the print markings:
 - Left: 11 mm
 - Right: 8 mm
5. Leeb material number

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