

# Prepress guidelines

## Contact details

### General

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## Prepress guidelines

### Data transfer

Send a link to your Leeb customer service agent for the downloadable files.

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.leeb.de/service-downloads](http://www.leeb.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 programs:

**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 article 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

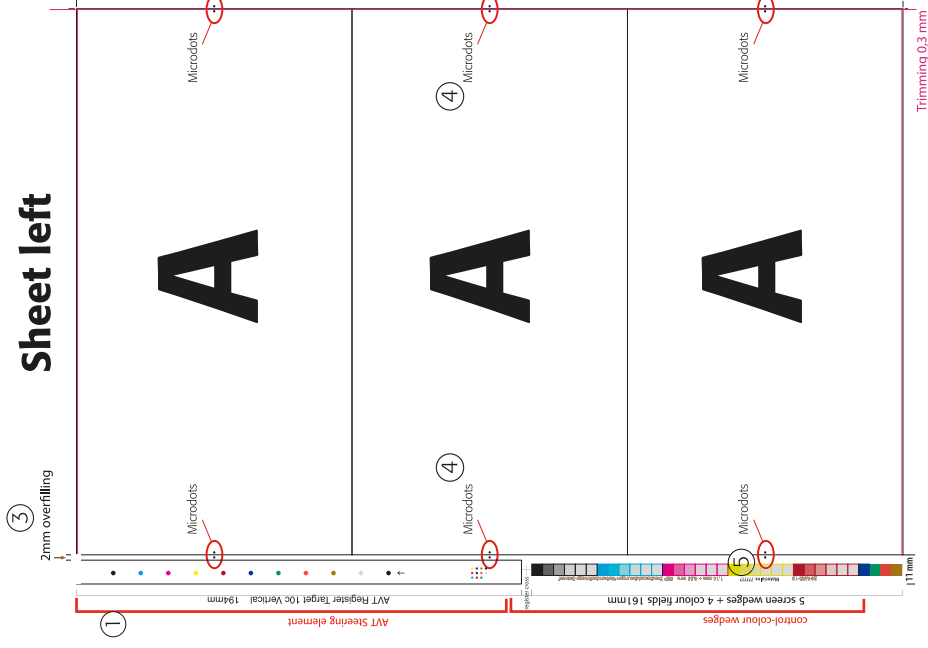
- Tonal value increase curves and densities on request
- Microdots and halftone wedges according to the standard for setup on request
- We will also provide a print substrate based proof profile, or printed GMG FLEXOCHART v2 Spectro i1iO measurement charts for Profilemaker on various print substrates.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

#### Step and repeat

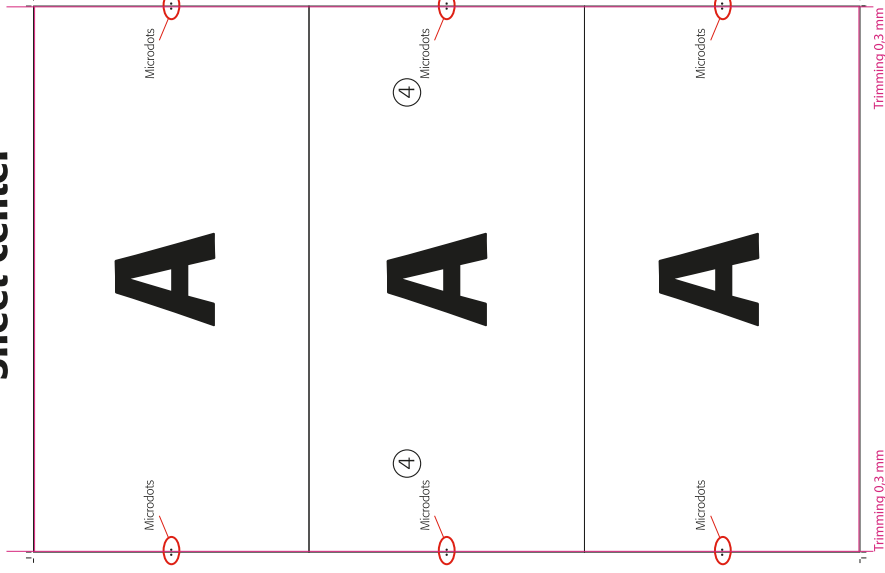
Type of step and repeat: Single sheets → appendix, others on request

# Single Sheet for staggered step and repeat

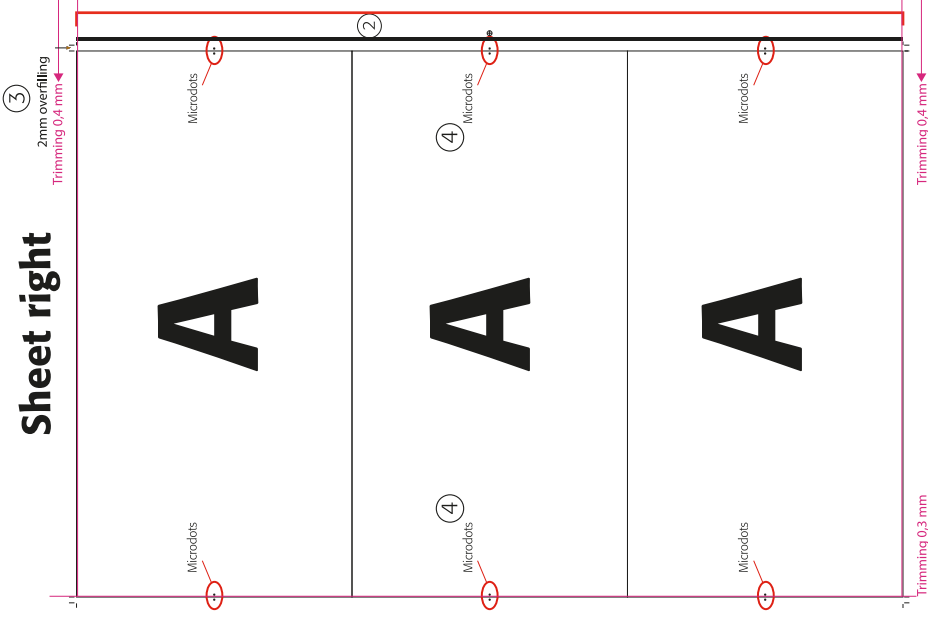
## Sheet left



## 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 article number

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