

# Edelmann

## INFORMATION

Edelmann Group

Edelmann Leaflet Solutions GmbH  
Lindau Plant

JANUARY 2021



## Specifications

### Package inserts printed on lightweight paper:

- Image resolution . . . . . 300 dpi
- Line drawing resolution . . . 1200 dpi
- Trimming . . . . . 3 mm
- Distance to the trimmed format. . 3 mm  
(e.g. printing number, 2D code, QR code, page number, cutting marks, legend)
- Technical spot colours (not printing) have to be clearly identified by their names (e.g. "perforation")
- Technical spot colours (not printing) set to "overprint"
- Colours: CMYK respectively spot colours, black and white images: greyscale
- Tonal range . . . . . 2% to 98%
- Maximum ink coverage . . . . . 240%
- Minimum line width positive (no screening) . . . . . 0,2 pt
- negative . . . . . 0,2 pt

### For digital printing:

- No technical spot colours
- No format frame

### For good readability:

- Minimum font size positive . . . . . 6 pt
- negative . . . . . 7 pt

### Data transfer:

- [bestellungen-lindau@edelmann-group.com](mailto:bestellungen-lindau@edelmann-group.com)
- Internet, customer FTP server
- Edelmann FTP server

If you have questions about a specific topic you can send us test files in advance.

We will be glad to help you.

**Moreover, we would appreciate to create new artworks of typesetting jobs for you.**

## Contact

Edelmann Leaflet Solutions GmbH

Prepress Department

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Germany

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## Everything at a Glance

### Printable PDF data files:

- Standardized composite PDF (PDF/X-4)
- PDF level 1.4 and higher
- Fonts embedded
- No security restrictions
- No signature or release stamp within the trimmed format
- Trimbox corresponding to cutting marks
- Leaflets: page format (trimbox) as opened trimmed format
- Booklets: page format (trimbox) as closed trimmed format
- Number and sequence of pages corresponding to the final product
- Perforation, varnish etc. applied in not printing spot colour
- Trimming 3 mm
- Legend cases, info boxes, signatures etc. are printable.

### Open data files:

- Adobe CS4 and higher
- Fonts, images and logos are included
- Zipped folder

### New artwork or editing:

- Microsoft Word or any other text file
- Manuscript
- Open data files and PDF files: text editable (not vectorised or outlined)

### We check:

- Format and number of pages
- Trimbox
- Image resolution
  - half-tone images minimum 200 dpi
  - line images minimum 600 dpi
- Used colours
- Line width minimum 0,2 pt
- Embedding of fonts
- Trimming

**The PDF check affects the entire file including info boxes, signatures and hidden layers.**

### Sources of error:

- Incorrect use of ICC profiles (e. g. for text elements or vector elements)
- RGB colours, especially for white text
- Signatures within the trimmed format
- PDF/X-3
- Printing colour used for die cutting
- Example: 及楽置 The gap inside the single letter is smaller than 0.4 pt, it is too small.

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## Correct

← cut marks with 3 mm distance to the trimmed format

**Gebrauchsinformation**

### Packungsbeileger<sup>®</sup>

Papierqualität: Pharma Dünndruckpapier  
Papiergrammatur: 40 g/m<sup>2</sup>  
Format: 148 x 210 mm gefalzt auf 148 x 35 mm

← text area

Sehr geehrte Kundin, sehr geehrter Kunde!

Bitte lesen Sie folgende Gebrauchsinformation aufmerksam, weil sie wichtige Informationen darüber enthält, was Sie zum Verständnis dieser Musterfertigung beachten sollen. Wenden Sie sich bei Fragen bitte an Ihre Edelmann Leaflet Solutions GmbH.

**Zusammensetzung und Anwendung**

**To create a new code for you, we need:**

- code type (e.g. Laetus code, DataMatrix, QR-Code)
- code number (größe)
- code placement (distance) C
- code reading direction

**sonstige Bestimmungen**

- Codebreite 8 mm
- Codeabstand vom Falz 75 mm
- Code-Leserichtung vom Falz

**Anwendung**

- zur Beurteilung von Papierqualitäten
- für Testläufe in Ihrer Fertigungsanlage
- zur Beurteilung der Lesbarkeit

**Hersteller:**  
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leaflet@edelmann-group.com  
www.edelmann-group.com

Packungsbeilage	Musterbeileger
Drucknorm:	EL-105-V2
(Musterlaufnummer)	
Format offen:	148 x 210 mm
Format gefalzt:	--
Code:	4711
Korrekturlauf:	1
Datum:	22.05.2019
Farben:	1/1-färbig
	<input checked="" type="checkbox"/> Schwarz
	<input type="checkbox"/>
	<input type="checkbox"/>

**Edelmann Group**  
Edelmann Leaflet Solutions GmbH  
Werk Lindau

additional boxes must be created printable as well

← trimmed format (trimbox)

← bleedbox including 3 mm trimming

1 mm space for Laetus code only

3 mm trimming

3 mm space for DataMatrix and QR Code

code width

3 mm space

page number

article / print number

info line with date and time

Muster\_englisch\_148x210\_SatzspiegelLindd 1 ← 22.05.19 08:44

**Please notice:**  
All elements, which should not be trimmed off, must be at least 3 mm away from the final format. Otherwise they could be cut off and the readability would not be guaranteed.

mediabox  
as usually seen on the monitor