# CDA
## ImPressing Solutions

# Technical Specifications for Providing Digital Printing Data

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## Data Delivery

- File names cannot contain special characters
- Send via data carrier, mail (up to 10 MB, always as a compressed ZIP, RAR or 7z file) or FTP
- Use data and files names that can be clearly associated with your order
- We require one PDF per product (for example: booklet, inlay, slipcase, sticker)
- Multi-page books must contain defined page numbers in double or single-sided imposition format in a PDF

## File Formats

- Press-ready PDF-X Files in PDF/X-1a format
- Other PDF versions (not PDF/X-1a), TIFF, JPEG or EPS only possible at extra cost (higher handling complexity)

## Colors

- CMYK mode without color profiles
- Special colors in HKS-K or Pantone Coated
- Distinct color designations for special colors
- Include only colors that will be printed
- For offset printing black use 60% cyan, 40% magenta and 40% yellow
- Maximum color coverage: 360%
- Maximum color coverage for printing inside: 200%

## Images and Fonts

- Greyscale and color images at least 300 dpi
- Bitmap images at least 1200 dpi
- Fonts completely embedded or converted to paths

## Barcodes

- Monochrome black as vector graphics
- Sufficient contrast from the background

## Proof Submission

- Only valid proofs according to ISO 12647-7 with current UGRA/FOGRA Media Wedge
- For an extra charge, we will provide a binding color proof

## Special Requirements

- Create data for hot laminated foil, embossing and special varnish as vector files on a second page or special colors in the print PDF or on a separate file
- Additional information, which shows conclusive alignment
- Special white areas for label printing must be underfilled by at least 0.15 mm
- Alignment and accuracy of positioning are the responsibility of the customer

## Relevant Documents

For all measurements, maximum page numbers, slipcases and booklet spines, printing material and finishes, please refer to the relevant specifications or ask our trained staff.