

## Printer questionnaire

### File formats:

Editable formats: **Illustrator CC | Indesign CC | Photoshop CC | ArtPro v16**

!!! With these file formats it is absolutely necessary that the used fonts (we have licensed all common fonts), the linked images (Tiff, PSD) and a binding PDF are supplied !!! !!!

### Printable PDF:

Please supply us a PDF/X-4 or equivalent.

!!! Please do NOT convert the texts into paths in the editor application. When exporting/saving the PDF, please set the subset font setting necessarily to 0% !!!

### Print variations / Number of colours

- 1 to 6 colours + varnish
- 1 to 6 colours + double-varnish (disp.-varnish + disp.-varnish or disp.-varnish + UV-varnish)
- 1 to 8 colours + varnish
- 1 to 2 colours reverse print + 1 to 6 colours front print (in one pass with automatic turn)  
the reverse print motifs may not contain large colour areas - only texts, graphics, images

### Information for artwork creation

- Diecut**..... Request the binding diecut from us
- Colours**..... CMYK | PANTONE | HKS | Customer colours (please supply a binding colour target)
- Colour names**..... Use unique color names
- Colour space**..... Create the artwork (layout + images) in the CMYK colour space
- Print sequence**..... KCMY
- Profiles**..... For the artworks and proofs, use the standard colour profiles **ISOcoated\_v2\_39L** or **PSOcoated\_v3**  
When using GMG Colorproof, we can supply a MX4 profile with substrate simulation.
- Screen ruling**..... 70 l/cm | 175 lpi
- Screen angles**..... C 75° | M 45° | Y 90° | K 15° | Special colour 45°
- Ink Densities**..... C 1.50 | M 1.45 | Y 1.25 | K 1.8 |
- Dot shape**..... Elliptical
- Image resolution**..... min. 300 ppi
- TAC**..... max. 300%
- Font size**..... 1 col. positive: min. 4pt. | 1 col. negative: min. 5pt. | multicol. positive: min. 6pt. | multicol. negativ: min. 6pt.  
Small multicoloured texts - pos. + neg. - should be avoided, as this can lead to registration difficulties.  
Please speak here with our technical AV about the possibilities of an additional special colour.
- Strokes**..... 1 col. positive: min. 0,07 mm | 1 col. negative: min. 0,15 mm  
multicol. positive: min. 0,15 mm | multicol. negativ: min. 0,2 mm  
Fine multicoloured strokes - pos. + neg. - should be avoided, as this can lead to registration difficulties.  
Please speak here with our technical AV about the possibilities of an additional special colour.
- Halftone values**..... **ISOcoated\_v2**..... 10% > CMY 14% (4%) / K 16% (6%) | 40% > CMY 53% (13%) / K 56% (16%) | 80% > CMY 91% (11%) / K 92% (12%)
- File % > print % (Dot Gain)** **PSOcoated\_v3**..... 10% > CMYK 16% (6%) | 40% > CMYK 55% (15%) | 80% > CMYK 91% (11%)  
**Special colours**..... 10% > 14-18% (4-8%) | 40% > 55-60% (15-20%) | 80% > 91-95% (11-15%)  
**Minimum printed and stable dot** .... 1% | **Maximum printed and stable dot** .... 98%
- Barcodes**..... Orientation: Ladder + Gate | Magnification min.: 90% / SC1 | BWR: 0  
Create a sufficiently bright field.  
Place the barcode in only ONE colour with sufficient contrast to the bright field.  
!!! EAN sizes less than 90% are not recommended. We can not guarantee readability at the scanner cash registers.
- Bleed**..... 3mm exactly along the diecut
- Crease/Cut tolerance**... min. 1mm
- Trapping**..... 0,1 mm  
You can also supply the artwork files without trapping. Then we do it.
- Varnish**..... Create a separate layer and separation. Use unique layer and separation names.
- Finishes**..... Create separate layers and separations for all finishes. Use unique layer and separation names.
- Braille**..... Create a separate layer and separation. Use a unique layer and separation name.  
Create the Braille according to the Marburg Medium Braille Standard.
- !!! Colours digital printing..** CMYK | PANTONE | Customer colours (please supply a binding colour target or a LAB value)  
In digital printing, the special colours are best achieved with CMYK + orange + violet + green.  
Metallic and fluorescent colours are not possible in DIGITAL PRINTING !!!

### Contact

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