






- 1 Print Process:**
- Flexo Printing
 - Digital Printing
 - Offset Printing
 - Screen Printing





- 2 Refinement:**
- cold foil stamping
 - hot foil stamping
 - relief stamping
 - rubber foil stamping
 - varnish: shine varnish
matt varnish
spot varnish
relief varnish
fluor varnish
 - laminate

- 3 System:** Apple Macintosh

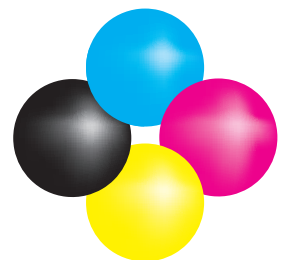
- 4 Present programmes: Data files:**

	ArtPro	16.1.1
	Adobe Photoshop	CC 2019
	Adobe Illustrator	CC 2018
	Adobe InDesign	CC 2019
	Adobe Acrobat	X

Please **don't** use for your layout:

-  Microsoft Excel
-  Microsoft Word
-  Microsoft Power Point
-  Corel Draw

- 5 Colour:**
- Colour scale always CMYK, never RGB or Lab.
 - Pantone and HKS colours must be characterized as such and remarked with the appropriate numbers.
 - For special customized colours we need a sample or colour pattern for reference.
 - Unused colours and colour data must be removed.
 - Use an extra separation for varnishes and foils.
 - Don't use or store colour managements and screen adjustments in the image files.



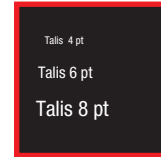
- 6 Images:**
- Resolution for images is 300 dpi, scale 1:1.
 - Logotypes and line arts 1200 dpi.
 - Useable data formats are TIFF or PSD with layers.
Please convert your images into CMYK. Never use RGB or Lab.
 - Pantone and HKS colours must be characterized.
 - Text should be always set in a vector-based program (eg. Illustrator, ArtPro)
 - to avoid pixelated edges.



6

Minimum type size:

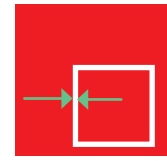
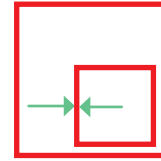
Positive font: 4 pt
Negative font: 6 pt



7

Minimum keyline thickness:

Flexo print: Positive: 0,08 mm / Negative: 0,12 mm
Cold foil: Positive: 0,13 mm / Negative: 0,15 mm
Hotfoil: Positive: 0,14 mm / Negative: 0,20 mm
Relief stamping: Positive: 0,30 mm / Negative: 0,30 mm

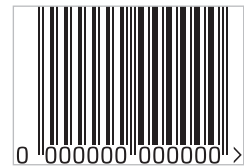


8

Barcode:**Minimum size: 80% (SC0)**

- The barcode will be re-set by us.
- Please place the code number, height, width and white field at the appropriate position.
- The colour should be always created in solid and scanner readable colours and in corresponding combination with the background colours.
- Please don't use multi-ink.

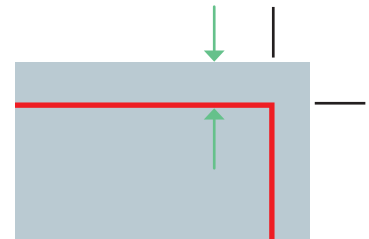
SC0 80%



SC2 100%



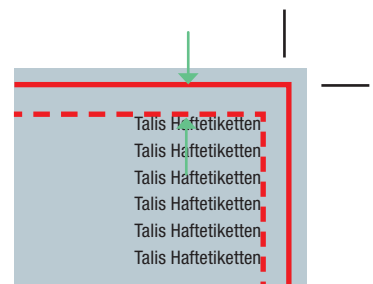
9

Bleed:**Minimum: 3 mm**

10

Print- to- cut requirement:**Minimum: 1 mm**

Please use a separate layer and colour for cut.
The cut should be stand on „overprint“.



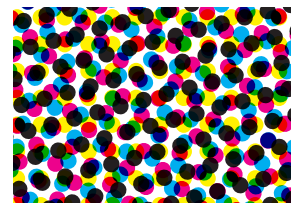
11

Data transmission via email, CD/DVD or FTP:

- Please provide us with type fonts or convert text copy into paths (after converting text corrections are more complex).
- Deliver the image data files, logotypes and linearts for the entirely document.
- Please ensure that the data files are virus-free and verified.
- For data transmission via email please compress the file into *.zip
- Please provide us a binding proof at least a binding PDF.
- Transmission via FTP: please contact us to get our access data.

12 Screen ruling:

150 lpi Round or 178 lpi (HD-Flexo).
Please don't encapsulate screen adjustment in
your image file, this will be done by us.



13 Substrate:

Foil	Paper
No Label look	Silver Material

14 Number of colours:

11 colours + Varnish

15 Standard- colour print sequence:

1. Cyan 2. Magenta 3. Yellow 4. Black

16 Standard press densities:

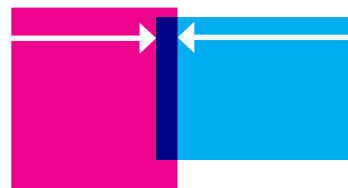
Black 1.75 Cyan 1.45 Magenta 1.35 Yellow 1.20

17 Printable dot:

Minimum dot: 1% Maximum dot: 96% Maximum ink total: 270%

18 Trapping:

Spreads/Chokes/Grips/Traps: 0,12 mm
Trapping will be done by us, according to the print
specific demands.



19 Proofsystem:

Epson Sure Color P7000 (Colour-binding print on White paper semimatt).
GMG Colormanagement

Proofs are only binding for scale colours (cyan, magenta, yellow, black).
The representation of special colours is only approximately possible,
which is why the colour guides (Pantone or HKS) are binding.



If you need further informations, our DTP-department gladly stays at your disposal
Phone No. 0049 2151 7069-52