

## Technical information on printing documents for customers - screen printing

- **Test data:** When inquiring, please provide us in time with a **PDF** (*low res.*) in order to put us into the position to offer the most sensible way of production.
- **Production:** For internal data processing we need an open editable Freehand EPS-file.
- **Data format:**
  - Layout: The layout of a flag needs to be provided with a vector program (*Freehand, Illustrator, etc...*). For fast processing of your data the layout needs to be provided as an open editable **Freehand** EPS-file. All other types of files (*see "Programs" as well*) need to be converted additionally for further internal processing. Original import pictures (*high resolution image files*) and postscript font files of the typography used (*regard licenses!*) are to be provided.
  - Image Data: Coloured images need to be available in CMYK-mode, black-and-white images as grey-scale. Images which were saved in different colour spaces (*e.g. RGB, Lab*) cannot be processed without conversion. As a result, a guarantee for the correct adjustment/adaptation of your image data cannot be given. The respective image resolution in relation to the screen ruling desired can be found under "Resolution".
  - PDF: Please generate a PostScript-file in your respective application program and convert this file into a printable PDF afterwards. We advise against generating a PDF directly out of the application program. All images and typographies used should be embedded in the pdf-file.
- **Scale:** The files and drafts are to be produced on a scale of 1:10 referring to the final format.
- **Bleed:** As bleed difference please add 5 mm to your data (*Scale = 1:10*). For a tunnel made of same material please add a bleed difference according to the pole's diameter.
- **Colours:** If images contain spot colours, please specify them according to the colour systems **HKS, RAL** or **Pantone**.
- **Proof:** For adjustment of the reproduction in terms of colour we need a colour-binding proof or a press proof.
- **Trapping:** The single respective colours are laid out without trapping for further print. Colours are omitted against each other. Overprinting of plain images is not possible.
- **Outlines/  
line width:** If possible, please do not use outlines around objects

- **Fonts:** Fonts used in a file need to be provided as original fonts (*character set and postscript fonts*). With smaller amounts (*logos or company names*) alternatively the conversion of fonts into paths would be possible.
- **Resolution:** The respective screen ruling is determined by the intended use the material.  
For a screen ruling in the original (*final product*) of 5 L/cm we need a resolution (*regarding the file M.: 1:10*) of ideally 254 DPI (*min. 150 DPI*).  
For a screen ruling in the original (*final product*) of 7,5 L/cm we need a resolution (*regarding the file M.: 1:10*) of ideally 380 DPI (*min. 230 DPI*).  
For a screen ruling in the original (*final product*) of 15 L/cm we need a resolution (*regarding the file M.: 1:10*) of ideally 760 DPI (*min. 460 DPI*).
- **Originals for Scanning:** Originals which are to be scanned should be on a scale of 1:10. However, documents can be scanned to a maximum of DIN A 3. The scanning of documents demands reworking. This results in extra graphical charges for scanning and retouching.
- **Other drafts/ Masters:** Depending on quality and necessary reworking, additional costs will arise.
- **Programs:**
  - Macintosh:
    - Freehand MX
    - Adobe Illustrator CS 2
    - Adobe Indesign CS 2
    - Adobe Photoshop CS 2
    - Quark X Press 6.5
    - Acrobat Professional 6.0
    - All programs are compatible to older versions
    - Other programs on request (*all current program versions*)
  - Windows:
    - Programs on request (*all current program versions*)
- **Data Medium:**
  - Data storage medium on request
- **FTP:**
  - ftp://bofa.de
- **ISDN:**
  - Leonardo Pro
  - 4-channel-no.: +49-228/68992 + 19 & 29
  - 2-channel-no.: +49-228/6899219
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