

# Graphic Data Formats

processed in the pre-press studio at TAPA Tábor

ALINVEST

TAPA TÁBOR

## Print technology

8 colour flexo (CI)

## Software applications

*Used as a standard:*

Adobe Illustrator CC

Adobe Photoshop CC

Adobe InDesign CC

## Available data media

CD, DVD

## Electronic data transfer

- E-mail                      For data packing use:  
WinZip, ARJ (MS Windows)  
Stuffit (MacOS)
- FTP

## Available data format

Vector graphics:            EPS, AI, or in format of above mentioned Applications

Pixel graphics:             EPS, TIFF, PSD (incl. layers and alpha-channels), JPEG

CorelDRAW:                 convert text in curves (optionally add the fonts), image-files add separately

### **Caution:**

**Printable PDF** is not suitable data format for application of flexoprint technology.

*It is necessary to modify the delivered graphic data at our studio to take into account the specific requirements of flexo technology. Printable PDF is closed format. Use of printable PDF does not allow to make the necessary modifications.*

## Data completion

Jobs in digital form have to include:

- artwork copy with ink- and format-description
  - graphic data                (available data format and media)
  - pixel graphics              (image-files add separately)
  - type fonts
- MacOS*                        we recommend to add the fonts if required to edit the text - or else convert text in curves
- MS Windows*                the text has to be converted in curves. If required to edit the text - original fonts will be replaced by MacOS fonts

## Pixel graphics

### *Resolution*

Bitmap line art graphics (enlargement ratio 1:1) – resolution min. 600 dpi

Halftone graphics (enlargement ratio 1:1) – resolution cca 300 dpi

### *Optimal resolution calculation:*

$$\text{print screen (l/cm)} \times \text{magnification coeffic. (120\%=1,2)} \times \mathbf{2} \text{ (quality coeffic.)} \times \mathbf{2,54} \text{ (conversion cm x inch)} = \\ = \mathbf{\text{final resolution (dpi)}}$$

### *Format data*

We recommend that deliver files in PSD format while preserving layers and Alpha-Channels