



Prepress requirements - Athena Graphics

In order to process files in an efficient and fluent way we are requesting our customers to provide graphical data as follow:

Software:

- **Esko: ArtPro – PackEdge – DeskPack - Automation Engine – ArtPro+ - Packz - ...**
- **Adobe Creative Cloud**

File structure:

- Layered files consist of following layers:
 - keyline-layer (with indications of technical areas)
 - variable layer with variable data such as texts, codes, logo's, images, background images ...
 - background layer (background colour, ...)

All files should contain linked images or logos (extracting of all unused colours, layers,...).

=> If "Illustrator" is used files should be saved with the "create PDF compatible file" option on.

=> **Files should always be saved as a package !!**

- **Additional to each artwork**

=> a HR-PDF 1.6 (subset font 100%, if downsampling is used -> zip-compression)

Files should be as follow:

- Everything must be delivered and processed according to the ISO standard.
- The N° of colors must be defined (all unused colors must be deleted).
- Use the Pantone Plus Series, when Pantone colors are used in the artwork.
- Images must be delivered with a resolution of at least **300 dpi**.
in CMYK and the additional Pantones colors defined with U/C (Uncoated/Coated).
- Images must be delivered in native Photoshop files (layered) .psd or tiff
- Logo's can be delivered in native Illustrator (no eps-files).
- The keyline/diecut must be indicated with a separate color 'green' that is not used in the artwork. The keyline-color has to be in 'overprint' and should also be put in a 'separated layer' called 'keyline'.
- If white ink should be printed, please provide it on a separated layer and separated colour.
- If texts or object have 0% white, they cannot be set in 'overprint'.
- If necessary files must have a bleed of at least 5 mm.
- Minimal line thickness: 0,2 mm for positive lines and 0,3 mm for negative lines.
- Fonts have to be included in the files and should **not** be vectorized.

- All used fonts must be delivered in a separate folder ordered by font 'Family' in a compressed file (e.g. zip-file). We prefer to receive 'OTF-font' (OpenTypeFonts)
=> Save package.
- Minimal text size must be:
 - For sans-serif types: 5pt for positive texts and 6pt for negative texts
 - For serif types: 6pt for positive texts and 7pt for negative texts
- Negative texts in colored backgrounds, should only be made of maximum 2 colors.
- According to the design files texts must be minimum 5 mm from keyline/diecut.
- Texts must be set according to the new [European Legislation 1169/2011](#)
- The barcodes must be generated according to the guidelines of GS1. The barcode size must be between 80% and 200%.



We refer to our internal contacts for further information:

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