

Guidelines for Supplied Files for Print and Label Onbodies

File Format

- Preferred file format is PDF, ideally an X4 or 1A. PDF Version should be no higher than 1.6.
- Other formats/ file types will incur processing costs. Please contact our customer service for more details.
- Please send one file per product (e.g. separate files for a pac, ocard, disc) and delete any unwanted files (that are not for our production) from your file folder.
- If you have used a template number, please include this number in file name.

Tolerance/Bleed

- Files should have at least 3 mm bleed (media books 5mm, cap boxes 8mm). This is necessary to allow for unavoidable printing and finishing tolerances of +/- 0.5mm per process .
- Trim marks or any print/color information must be outside the print area.

Images

- Color Modus must be CMYK for color, Grayscale for black and white images, or Bitmap for line art.
Resolution
- 4C images (.eps, .dcs, .tiff) -minimum 300dpi
- 1C images (.eps, tiff)- minimum 300dpi
- Bitmap images (.tiff) - minimum 1200dpi

Line/Font Weights

- The minimum line weight should not be under 0.15mm in positive use, 0.25mm in negative use.
- Fonts should not be under 5pt (1.75mm) in positive use, 7pt (2.27mm) in negative use.

Barcodes

- Barcodes must be in a vector format and only in 100% black.
- A process color white background 0%C 0%M 0%Y 0%K is ideal.
- Other spot colors/process colors may affect the ability of the scanner to read the code correctly. Cyan and black tones should not form part of the background color.

Color

- Your PDF should contain only process colors - Cyan, Magenta, Yellow and Black plus All (registration color).
- Any other colors should be deleted from the color palette.
- Any spot colors should be clearly labeled e.g. as Pantone [Number], or UVGlossVarnish etc.

Rich Black

Print

- For rich black, a combination of 40%C 40%M 0%Y 100%K is recommended.

Label - Silkscreen

- Black in silk-screen print is very opaque and does not require any color backing.

Label -Offset Printing

- For a solid black in offset printing, black needs to be underlaid with 80% CMY. Smaller areas can be underlaid with 40% Cyan. Otherwise the result is more dark gray than black.

Color Standards

- Our color standard (output intent for your file) should be the valid ICC Profile (currently FOGRA 51 PSO Coated V3 - Europe, GRACoL_2013_CRPC6 - Americas)
- Up-to-date information (also about Uncoated Profiles) is available on our website.

Proofs and Color Matching

- We print to ISO Standard 12647-2.
- We only accept contact proofs created to the current valid IDEAliance ISO 12647-7 Standard with a color Media Wedge 2013 CMYK-TIFF.

Layers and other File Settings

- All images and PDF files should not contain layers. Please flatten all transparencies.
- Neither screen settings nor print curves or tolerance values for clipped paths should be saved with the file .

Template

- Our templates are available as .pdf or .eps files on our database. Please register on our website for access.
- Please state the template number you have used in file name.

UCR (Under Color Reduction)

- Total ink coverage should not be more than 300%. Tonal values over this limit will be reduced using UCR.

Trapping

- Files are trapped automatically. Files with spot colors may require manual trapping.

Label Screens

- Offset 70 lcm for 1-6 colors (white base + 4c + spot)
- Silk-Screen 48 lcm (1-6 spot)