# Guidelines for Supplied Files
# for Print and Label Onbodies

**Sonopress**

### 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 incurr processing costs. Please contact our customer service for more details.
- Please send one file per product (e.g. seperate 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 minium 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 und 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 transparenies.
- Neither screen settings nor print curves or tolerance values for clipped paths should be saved with the file .

### Template
- Our templates are availble as .pdf or .eps files on our database. Please register on our webseite 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)