issued: S. Wagner date: 14.05.2019 changed: --- version: 1	**guidelines for print data conditions**	etifix Special labels in function and design

1. In general, the following data can be processed at etifix:
   - Adobe PDF (preferably according to standard PDF/X1 or PDF/X4)
   - Adobe Acrobat DC
   - AI files from Adobe CC (all graphics, links and fonts have to be provided)
   - InDesign from Adobe CS 5.5
   - Photoshop from Adobe CS 5.1
   - normalized ESKO PDF files from ESKO 16

2. In case that colour matching for the image motif is also required „open“ files have to be provided. For open files (e.g. from Illustrator) it has to be ensured that either all used graphics and fonts are embedded or are provided separately. Furthermore, „exotic“ plugins in Illustrator, Photoshop etc. have to be deactivated.

3. Texts have to be converted in vector paths in order to avoid font issues.

4. In case that PDF files are provided it has to be ensured that transparencies are NOT resolution reduced and respectively are exported with high resolustion.

5. The minimal resolution for used graphics is 300 dpi.

6. Used spot colours have to be configured as such and not in CMYK! (Most suitable is the creation of a legend with the used colour fields on the document).

7. For varnish please assign a designated spot colour.

8. Trapping has to be deactivated as this will be always created for the respective printing technology at etifix.

9. In case that ICC profiles are used please use a preferably neutral one (such as FOGRA 39). No embedded exotic profiles.

10. The document size should correspond to the motif size.
    A minimum distance of 1 mm to die has to be considered. If printing areas reach the die (e. g. fond, graphics or otherwise) a colouring of 1 mm has to be created.
    This colouring has to be circumferential.

11. The cutting line has to be created in a special assigned colour and has to be clearly identified by the colour designation „cutting line“.

12. Please use unique file names without special characters.

13. Printing grid widths are configured according to the printing technology at etifix.

14. Dot gain will be compensated by means of curves at etifix.

15. Fonts created or grid divided in CMKY are not feasible in some printing technologies (e. g. silk screen) and have to be clarified seperately.

16. Minimum font sizes depend on the used printing technology (see table).

printing technology		offset	flexo	silk screen	letterpress	digital	inkjet
line width	positive font	0.06 mm	0.08 mm	0.12 mm	0.08 mm	0.06 mm	-
	negative font	0.12 mm	0.15 mm	0.15 mm	0.15 mm	0.12 mm	-
dot size	positive font	3 pt wS / 5 pt S*	5 pt wS / 7 pt S*	5,5 pt wS / 8 pt S*	5 pt wS / 7 pt S*	3 pt wS / 5 pt S*	-
	negative font	6 pt wS / 10 pt S*	7 pt wS / 10 pt S*	7 pt wS / 10 pt S*	7 pt wS / 10 pt S*	6 pt wS / 10 pt S*	-
spaces	positive font	0.12 mm	0.15 mm	0.15 mm	0.15 mm	0.12 mm	-
	negative font	0.12 mm	0.15 mm	0.15 mm	0.15 mm	0.12 mm	-

* NO 100 % explicit statement can be made for font sizes as the printability of small fonts highly depends on the font style.
wS = font without serifs / S = font with serifs

For foreign-language characters the dot size cannot be indicated. In this case the line width within the characters has to be measured.