

TECHNICAL SPECIFICATION FOR PRINT FILES

1. For print we need PDF files version from 1.3 to 1.6;
2. PDF standards: PDF/X-1a, PDF/X-3 or PDF/X-4;
3. File name may contain only Latin letters, digits, space, period (dot), comma (,), underscore (_) and dash (-);
4. All pages in the PDF must be the same size (*Trimbox*) and same orientation;
5. Bleeds must be at least 3 mm (20 mm for hardcover) equal on all four sides of every page;
6. No Bleed Marks, no Registration Marks and No Colour Bars;
7. Total Ink Limit for coated paper is 330%, for uncoated – 300%;
8. FOGRA39 color profiles should be used preparing files for printing on coated paper (i.e. silk or gloss) (*AM screening*, no lamination). When preparing files for printing on other type of paper (i.e. offset or uncoated) and/or with other screening settings and/or lamination in postpress and/or with Pantone inks and/or duotone, please ask Nigel at Biddles for advice.
9. Recommended Effective resolution for colour and grayscale images is 240-350 ppi, for 1-bit black and white: 600-1200 ppi;
10. Minimum 4c line weight is 0.2 pt;
11. Minimum 1c line weight is 0.1 pt;
12. Small black text (*K-100%*) and thin lines are better set with *Overprint*. Small white text on rich black background needs trapping – 0.1-0.2 pt Black outline (*K-100%*) with *No Overprint* set.
13. For perfect bound and sewn books and brochures, please set-up cover pages with a spine between.
14. All Printers's Marks should be set off at least 3 mm away from *Trimbox* (final page size);
15. All fonts must be completely embedded and not subset (it means „*Subset fonts when percent of characters used is less than:*” parameter must be set to 0%);
16. Recommended compression for colour and grayscale is ZIP, LZV or JPEG (*High* or *Maximum* quality).