

STANDARD REPRO SPECIFICATIONS

Quality

Cambrian Printers are ISO9001 and ISO14001 registered. Our quotations are based on file supply conforming with the specifications given below and these are extremely important in ensuring quality and on-time delivery. These specifications also drive our preflight checking and production procedures.

File Supply

PDF

- Files need to be supplied as Composite PDF's; one file supplied for covers, one file supplied for text, with perfect bound/sewn covers supplied as inner and outer cover spreads to include spine allowance and spinline.
- Files should be clearly identified with folio numbers, title name and issue number, with no special characters (!"£\$%^&?@~ etc.) used in the filenames
- PDF's need to be supplied to either PDF-X or pass4press standard
- PDF's need to be preflighted and checked prior to supply, preflight parameters and profiles are available for download on Cambrian Printers website

Native Application Files

- Cambrian Printers only accept print ready PDF's. Full support for outputting PDF from applications such as InDesign & Quarkxpress are available for download from our website

Colour

Spot Colours should be supplied with clear Pantone References. Whilst we will endeavour to match previous samples or swatches, this is not always possible due to different printing processes, substrates and standards used by other printers/proofers.

Press

Our pressroom is calibrated to print to ISO 12647-2:2004 standards, at a standard line screen of 175dpi for coated stock, 150dpi for uncoated stock.

Total Area Coverage

We insist upon a maximum ink coverage of 300% for colour images. Where appropriate, under colour removal should be carried out to ensure that the maximum TAC figure is achieved. Colour settings are available as a download from our website

In the case of a shiner being run behind the black, the cyan must not exceed 40%.

Text, Folios and type matter

Folio's, Text, logo's etc. should be placed no closer than 3mm from the trim. Main body text should fall no closer than 10mm from the trim or spine. Note that on Bound products, 6mm of image area will bleed into the hinge on the covers and facing pages.

Bleed

A minimum 3mm bleed should be supplied on all pages.

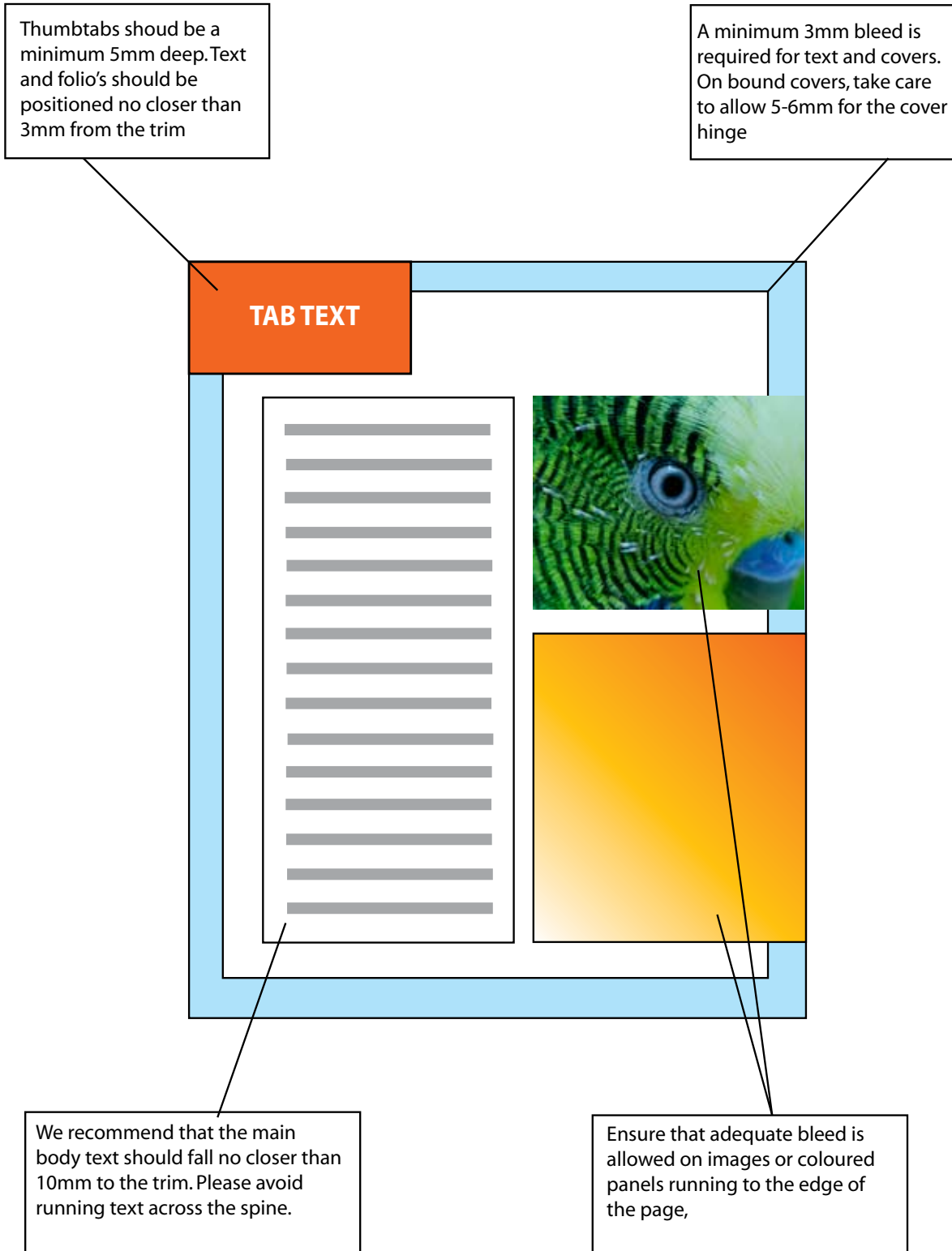
ANY FILES SUPPLIED OUTSIDE THESE SPECIFICATIONS WILL BE REJECTED OR WILL INCUR ADDITIONAL CHARGES

AND A POSSIBLE EXTENSION OF SCHEDULE.

ANY ALTERATIONS, AMENDMENTS OR REPLACEMENT FILES WILL INCUR ADDITIONAL CHARGES

**DETAILED, IN-DEPTH PUBLICATIONS RELATING TO FILE PREPARATION,
ENVIRONMENTAL AND COLOUR STANDARDS ARE AVAILABLE ON REQUEST
TO RECEIVE A COPY PLEASE CONTACT YOUR CAMBRIAN REPRESENTATIVE**

PAGE LAYOUT RECOMMENDATIONS



For more tips on file preparation and help in creating PDF's, please visit the support and download page on our website:

PREFLIGHT PARAMETERS

ERROR	ACTION
Document is damaged & needs repair on open	The file has been damaged or corrupted at some stage during the production or transmission process. As such, the original will need to be checked, reprocessed and resupplied.
Document contains security	If a document contains security, then we will be unable to process, edit or print it. As such, it will need to be re-exported or distilled to PDF with security disabled.
Font is not embedded	If a font is not embedded, then we will not be able to process the file. In this instance the file should be redistilled or exported with the font embedded. On rare occasions, we will be able to embed the font at Cambrian. However, should we be asked to do this, we will require a sign-off and files must be proofed.
Ink coverage higher than 300%	High ink coverage across a sheet may cause fit problems, poor drying and set-off issues. As such, the files should be resupplied with ink levels reduced appropriately. Colour settings to achieve correct TAC are available for download from our website.
Image resolution is below 280 dpi	The optimum image resolution for printing at Cambrian Printers is 300dpi. Images supplied below a resolution of 280dpi may not reproduce at optimum quality.

WARNING	ACTION
Page size is not equal for all pages	Pages within a document have not been created with the same parameters. Consequently, there is a possibility that they will be positioned incorrectly when imposing and printing.
Page orientation is not equal for all pages	The document contains pages that have been created as both landscape and portrait pages.
RGB, Calibrated gray/colour, Lab colour, ICC based colour is used	Document has been created with colour in an incorrect color space. As such, it may not separate correctly or appear as expected. Cambrian are able to convert colours to CMYK within the prepress workflow but cannot accept responsibility for poor colour conversions.
Spot colour definition is ambiguous	Spot colours created without a clear colour reference may not separate as desired. As such, the file should be resupplied with a clear colour definition. Cambrian Printers are able to remap colours to a defined CMYK or spot colour standard. However, this may incur additional charges and should be proofed prior to printing.

WARNING	ACTION
Text is ICC tagged	Text tagged with an ICC profile may not separate as expected and may result in text printing out of all 4 colours or not as expected.
Image is ICC tagged	Images tagged with an ICC profile may not separate as expected and may result in text printing out of all 4 colours or not as expected.
Objects too close to page edge	Items printing too close to the trim may trim off as a consequence of normal manufacturing variation. Similarly, items with insufficient bleed may result in white paper showing near the trim.
OPI is used	OPI is used in some workflows where a low-resolution preview is used to work on the source document, which is substituted with a high resolution version when processed. There have been occasions when OPI within a PDF can cause problems at ripping stage. As such, OPI should be removed at PDF creation stage.