IngramSpark™

FILE CREATION GUIDE

9.24.24

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This IngramSpark File Creation Guide details the requirements necessary for digital files uploaded into IngramSpark for both print-on-demand (POD) and EBook distribution. To download the latest copy, please log in to your IngramSpark account and click “HELP “on your dashboard. The IngramSpark File Creation guide contains much of the same information found in the Lightning Source File Creation Guide.

We sincerely thank you for your business!

FILE CREATION GUIDE

RESOURCES
ALL BOOK TYPES

SUBMISSION NOTES &
NON SUPPORTED PROGRAMS

COVER TEMPLATE GENERATOR

SUBMISSION NOTES

IngramSpark expects to receive print-ready manuscript and cover files, and will not perform work of an editorial nature such as proofreading, editing for content, typesetting, or making font alterations throughout a book. A digital file must be **'print ready'**, and sent in accordance with the digital file submission instructions provided–to ensure that no problems will be encountered during the manufacturing process. Files are processed as received and are not preflighted prior to processing.

Due to the complexity of processing and printing **COLOR** Books, no manipulation/edits can be made by IngramSpark to any color book file submissions. This includes (but is not limited to) color correction or manipulation of color settings on files that have been submitted.

IngramSpark allows for a **1/16"** (0.0625 in / 2 mm) variance for **ALL** books printed. Please keep this in consideration when designing any text and cover files for **BLACK & WHITE** / **COLOR** book titles.

NON-SUPPORTED PROGRAMS

Microsoft Word* / Microsoft Publisher
Adobe PageMaker
QuarkXPress 6.5 & older versions
InDesign CS2 & older versions

We cannot offer technical support with file creation or provide cover templates for any of these programs

***Microsoft Word: do not** use the **'shortcut'** button/icon in the toolbar to create a PDF of your text file. Please use the **'print'** menu: for instructions on how to do this, download our walk-through PDF below by clicking on the link. You can also visit our website, mouse over the 'File Creation' menu, and select the option 'Digital Bookblock Creation (Standard Books)'

Microsoft Word: PDF Walk-through

FONTS

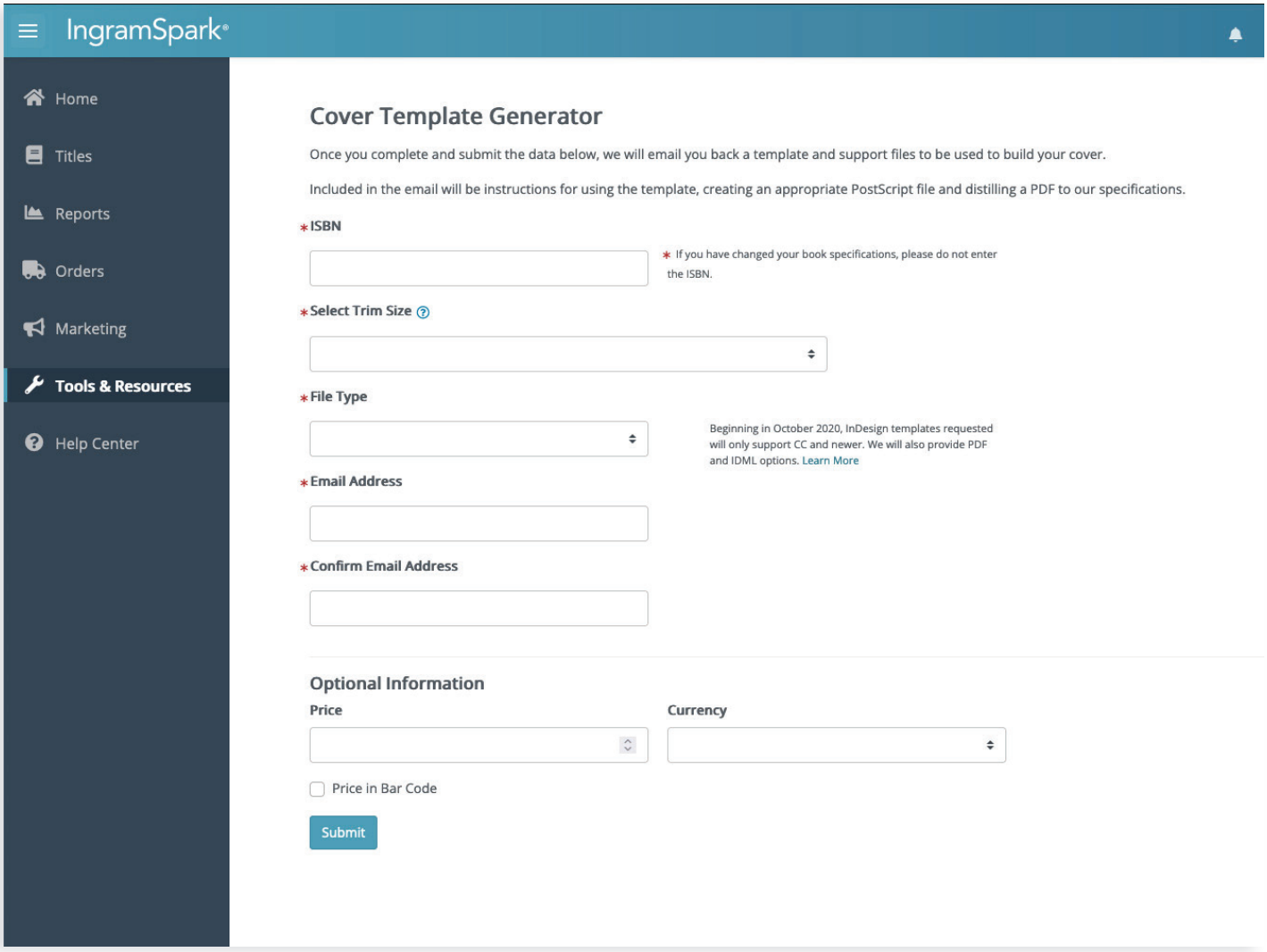
ALL FONTS must be embedded in all PDF files: **COLOR / BLACK & WHITE, INTERIOR / COVER**. To confirm fonts are embedded, open the PDF in Acrobat, select the **File** menu, then **Properties**. The fonts tab lists the names of **all fonts** in the file: **(Embedded)** or **(Embedded Subset)** should appear next to all fonts listed. If one of these tags is not listed, the font is **not embedded**. Files with unembedded fonts will be rejected, and LS will request a corrected file. Please note the default Acrobat **'Standard'** setting does not embed base 14 fonts, and may cause a file to be rejected.

CERTIFICATION LOGOS

The right to affix the initial or any logo of **FSC®, SFI®, or PEFC™** to the bookblock or cover of any book manufactured by Lightning Source is prohibited. The placement of a logo, initial, or any claims of certification cannot be placed in or on a book by a publisher. If a logo, initial, or any claim of certification is included on the bookblock or cover from a prior printing it must be removed by the publisher before the book is submitted to Lightning Source's digital library. If Lightning Source discovers a logo, initial, or claim of certification in or on a book, Lightning Source will remove the certification claim at the publisher's expense.

COVER TEMPLATE GENERATOR

IngramSpark highly recommend the use of our custom Cover Template Generator. This tool is located on your IngramSpark dashboard under “My Tools.” Once you complete the required fields a cover template will be emailed to you along with instructions of how to complete your cover. Heavy traffic in requests may cause occasional delays so please allow up to 2 hours before resubmitting a template request or submitting a help ticket.



• Note that when adhering matte lamination onto covers with heavy ink coverage, minor adhesion imperfections may be present at the fold areas of the finished book.

• Please do not move items on the template. The barcode centered on the back cover is the only item that can be repositioned/moved to fit with your cover design. Please do not resize the barcode. The guides, guideline elements and placement of the cover should remain in the original locations on the template: these are already set up for specific printing requirements and workflow.

Note: if you opt to receive a PDF file from the template generator, the pink & blue areas should be removed or covered up before submitting a final file. If the pink & blue areas are visible in your cover design, they will show up in printed copies. *InDesign templates have the pink & blue areas on a non-printing layer, so it’s not necessary to remove these.

EBook

EBook Distribution to online e-retailers

For every EBook title you will be uploading 2 files:

- Complete Interior EPUB (formatted as .epub) + Front Cover (formatted as .jpeg or .jpg)

EBook File Submission Requirements

EBook Interior File

- Format: EPUB 3.0 required. - EPUB (formatted as .epub)
- No single image inside an EPUB can be greater than 3.2 million pixels.
- We follow the industry IDPF spec on EPUB formats. You can find more information at http://idpf.org/epub.
- All EPUBS must be compliant with the most up-to-date validation. You can use the following validation site to confirm compliance - http://validator.idpf.org/

EBook Cover File

- File is of the front cover only
- Must be a .JPG File - Size must be 100MB or less.
- Minimum of 1873 pixels along the longest side, 1600 pixels on the shortest side (350 dpi).
- All front covers must be RGB.
- The content of the cover image must not infringe another publisher's or artist's copyright on the same cover

FILE CREATION GUIDE TEXT FILES

BLACK & WHITE TEXT
- QUICK REFERENCE
- REQUIREMENTS

COLOR TEXT
- QUICK REFERENCE
- REQUIREMENTS

TEXT SETUP
- BLACK & WHITE
- COLOR
- PERFORATION
- RTL (RIGHT-TO-LEFT)

BLACK & WHITE TEXT : QUICK REFERENCE

The following are recommendations and specifications that you should know when laying out text for **BLACK AND WHITE BOOKS**.

Resolution: 600 ppi for 1-bit black & white line art
300 ppi for 8-bit grayscale continuous tone images

Color Space: Grayscale

LPI (lines per inch): 175 visual

Preferred file format: PDF (.pdf) file–dimensions vary by trim size

PDF producer: Acrobat Distiller, Export from InDesign
PDF/X-1a:2001 or PDF/X-3:2002

Bleed: 0.125" (3 mm) except on bind side

Margins: Recommended minimum 0.5" (13 mm) on all sides.

File naming: Single file naming: isbn_txt.pdf or isbntxt.pdf

Accepted Submission Methods: web upload for files up to 1.5 GB (zip/stuff compression accepted)

PAGE SIZE/LAYOUT

To determine the correct bleed size of your document with 0.125" (3 mm) bleed (added on the three trim edges), please refer to the below chart for assistance for your trim size. If bleed has been added through Bleed and Slug settings, the "Use document bleed settings" should be checked under the Marks and Bleeds tab when exporting the final PDF.

BLEED CHART : US

TRIM SIZE		BLEED SIZE
4 x 6	=	4.125 x 6.25
4 x 7	=	4.125 x 7.25
4.25 x 7	=	4.375 x 7.25
4.37 x 7	=	4.5 x 7.25
4.72 x 7.48	=	4.845 x 7.73
5 x 7	=	5.125 x 7.25
5 x 8	=	5.125 x 8.25
5.06 x 7.81	=	5.185 x 8.06
5.25 x 8	=	5.375 x 8.25
5.5 x 8.25	=	5.625 x 8.5
5.5 x 8.5	=	5.625 x 8.75
5.83 x 8.27	=	5.955 x 8.52
6 x 9	=	6.125 x 9.25
6.14 x 9.21	=	6.265 x 9.46
6.5 x 6.5	=	6.625 x 6.75
6.625 x 10.25	=	6.75 x 10.5
6.69 x 9.61	=	6.815 x 9.86
7 x 10	=	7.125 x 10.25
7.44 x 9.69	=	7.565 x 9.94
7.5 x 9.25	=	7.625 x 9.5
8 x 8	=	8.125 x 8.25
8 x 10	=	8.125 x 10.25
8 x 10.88	=	8.125 x 11.125
8.25 x 10.75	=	8.375 x 11
8.25 x 11	=	8.375 x 11.25
8.268 x 11.693	=	8.393 x 11.943
8.5 x 8.5	=	8.625 x 8.75
8.5 x 9	=	8.625 x 9.25
8.5 x 11	=	8.625 x 11.25

BLEED CHART : UK, AUS

TRIM SIZE		BLEED SIZE
152 x 102	=	159 x 105
178 x 102	=	184 x 105
178 x 108	=	184 x 111
178 x 111	=	184 x 114
190 x 120	=	196 x 123
178 x 127	=	184 x 130
203 x 127	=	210 x 130
198 x 129	=	205 x 132
203 x 133	=	210 x 137
210 x140	=	216 x 143
216 x 140	=	222 x 143
210 x 148	=	216 x 151
229 x 152	=	235 x 156
234 x 156	=	240 x 159
165 x 165	=	171 x 168
260 x 168	=	267 x 171
244 x 170	=	250 x 173
254 x 178	=	260 x 181
246 x 189	=	252 x 192
235 x 191	=	241 x 194
203 x 203	=	210 x 206
254 x 203	=	260 x 206
276 x 203	=	283 x 206
273 x 210	=	279 x 213
280 x 210	=	286 x 213
297 x 210	=	303 x 213
216 x 216	=	222 x 219
229 x 216	=	235 x 219
280 x 216	=	286 x 219

BLACK & WHITE TEXT : REQUIREMENTS

ALL FONTS must be embedded in all PDF files. Please refer to the FONTS section on page 4 for information to confirm if your file has embedded fonts.

MARGINS/SAFETY: It is recommended that you provide a minimum of 0.5" (13 mm) margin on all sides of your text block. LS allows for 1/16" (0.0625 in / 2 mm) variance in printing. If text/images are too close to trim edges, they could be cut in the printing and binding process.

BLEED: A file that contains bleed elements is required to be submitted with 0.125" (3 mm) bleed added to the three trim edges (top, bottom, outside) of the document. These elements must extend the complete 0.125" (3mm) to the bleed edge of the document to ensure that the file prints correctly without any white margins when the book is trimmed. Please do not add bleed to the bind (gutter) edge as this will cause incorrect positioning.

CROP MARKS: Please do not include crop / printer / registration marks in a file. These are not necessary for LS's workflow. Marks included in a file could show up in printed copies.

RULE LINES: For best results regarding rule or stroke lines in your document, a minimum size of 0.125pt at 100% black should be used. Smaller point sizes or shades of black less than 100% may not produce consistent print results.

SPREADS/FORMAT: We cannot accept files in spread format (2-up per page). Files should be sent as one, single-page PDF file. If submissions must be sent as multiple files instead, please refer to the correct file naming conventions on page 8. Incorrectly-named files could process in the wrong sequential order and cause delays in receiving a correct proof. (Premium color book submissions must be sent as one PDF.)

PAGE COUNT: All text files will be processed and stored in our digital library with a page count that is divisible by two. The last page will be blank for insertion of Lightning Source's manufacturing information. If necessary, Lightning Source will automatically add additional pages to achieve appropriate page counts.

Books that are **6.14" x 9.21" (234 x 156)** ***and smaller*** will be printed in either six-page (three front/three back) or 4 page (two front/two back) single sheet signatures.
Books that are ***larger than*** **6.14" x 9.21" (234 x 156)** will be printed in four-page (two front/two back) single sheet signatures.

SPOT COLORS/ICC PROFILES: Please do not include Spot colors or ICC profiles in your file as these can produce unexpected results during processing. ICC profiles applied to 100% black text often convert to a shade or percentage of gray (less than 100% black). This will result in text in your proof that is not solid black. If text is intended to appear as solid black, including Spot colors or ICC profiles can cause delays in receiving a correct proof.

REVISIONS: When sending a revision file, please make sure to send your entire file. Partial revisions (i.e. single-page changes) will cause your interior to process incorrectly.

TITLES WITH HEAVY INK COVERAGE: For best printing results, titles with interior pages that have heavy ink coverage on only one side of the page, and little/no ink coverage on the other side, should be printed on heavier weight paper. In the event LS encounters this issue during printing, LS reserves the right to change the printing of the interior to a heavier weight paper and adjust the cover to compensate for the new spine width to enable LS to fulfill the order.

COLOR TEXT : QUICK REFERENCE

The following are recommendations and specifications that you should know when laying out text for a **COLOR or PREMIUM COLOR BOOKS.**

Resolution: 300 ppi

Color Space: CMYK

LPI (lines per inch) : 175 visual

Required file format: PDF (.pdf) file–dimensions vary by trim size

PDF producer: Acrobat Distiller, Export from InDesign
PDF/X-1a:2001 or PDF/X-3:2002

Bleed: 0.125" (3 mm) except on bind side

Margins: Recommended minimum 0.5" (13 mm) on all sides

File naming: isbn_txt.pdf or isbntxt.pdf

Accepted Submission Methods: web upload for files up to 1.5 GB (zip/stuff compression accepted)

PAGE SIZE/LAYOUT

To determine the correct bleed size of your document with 0.125" (3 mm) bleed (added on the three trim edges), please refer to the below chart for assistance for your trim size. If bleed has been added through Bleed and Slug settings, the "Use document bleed settings" should be checked under the Marks and Bleeds tab when exporting the final PDF.

All sizes available in **COLOR**
Sizes in light blue also available in **PREMIUM COLOR**
11 x 8.5 available in **PREMIUM COLOR ONLY**

BLEED CHART : US

TRIM SIZE		BLEED SIZE
4 x 6	=	4.125 x 6.25
4 x 7	=	4.125 x 7.25
4.25 x 7	=	4.375 x 7.25
4.37 x 7	=	4.5 x 7.25
4.72 x 7.48	=	4.845 x 7.73
5 x 7	=	5.125 x 7.25
5 x 8	=	5.125 x 8.25
5.06 x 7.81	=	5.185 x 8.06
5.25 x 8	=	5.375 x 8.25
5.5 x 8.25	=	5.625 x 8.5
5.5 x 8.5	=	5.625 x 8.75
5.83 x 8.27	=	5.955 x 8.52
6 x 9	=	6.125 x 9.25
6.14 x 9.21	=	6.265 x 9.46
6.5 x 6.5	=	6.625 x 6.75
6.625 x 10.25	=	6.75 x 10.5
6.69 x 9.61	=	6.815 x 9.86
7 x 10	=	7.125 x 10.25
7.44 x 9.69	=	7.565 x 9.94
7.5 x 9.25	=	7.625 x 9.5
8 x 8	=	8.125 x 8.25
8 x 10	=	8.125 x 10.25
8 x 10.88	=	8.125 x 11.125
8.25 x 10.75	=	8.375 x 11
8.25 x 11	=	8.375 x 11.25
8.268 x 11.693	=	8.393 x 11.943
8.5 x 8.5	=	8.625 x 8.75
8.5 x 9	=	8.625 x 9.25
8.5 x 11	=	8.625 x 11.25
11 x 8.5	=	11.125 x 8.75

BLEED CHART : UK, AUS

TRIM SIZE		BLEED SIZE
152 x 102	=	159 x 105
178 x 102	=	184 x 105
178 x 108	=	184 x 111
178 x 111	=	184 x 114
190 x 120	=	196 x 123
178 x 127	=	184 x 130
203 x 127	=	210 x 130
198 x 129	=	205 x 132
203 x 133	=	210 x 137
210 x140	=	216 x 143
216 x 140	=	222 x 143
210 x 148	=	216 x 151
229 x 152	=	235 x 156
234 x 156	=	240 x 159
165 x 165	=	171 x 168
260 x 168	=	267 x 171
244 x 170	=	250 x 173
254 x 178	=	260 x 181
246 x 189	=	252 x 192
235 x 191	=	241 x 194
203 x 203	=	210 x 206
254 x 203	=	260 x 206
276 x 203	=	283 x 206
273 x 210	=	279 x 213
280 x 210	=	286 x 213
297 x 210	=	303 x 213
216 x 216	=	222 x 219
229 x 216	=	235 x 219
280 x 216	=	286 x 219
216 x 280	=	222 x 283

COLOR TEXT : REQUIREMENTS

PDF COMPLIANCE: Files must be PDF/X-1a:2001 or PDF/X-3:2002 compliant. The PDF/X-1a:2001 setting is found in the Professional versions of Adobe Acrobat 6 or above (listed as PDF/X-1a in Acrobat 6 Professional). The PDF/X-3:2002 setting is found in the Professional versions of Adobe Acrobat 7 or above.

Text files must be submitted as a single PDF file: submissions with multiple files will be rejected. Zipped/stuffed submissions of single files are accepted.

SPREADS/FORMAT: Please do not send files in 'spread' format. Files should be sent as a single-page PDF file to process correctly in our workflow. Files sent as spreads will be rejected for a corrected submission.

CROP MARKS: Please do not include crop / printer / registration marks in a file.

RULE LINES: For best results regarding rule or stroke lines in your document, a minimum size of 0.125pt at 100% black should be used. Smaller point sizes or shades of black less than 100% may not produce consistent print results.

MARGINS/SAFETY: A 0.5" (13 mm) margin is recommended inside the trim for color book interiors. All headers, footers, page numbers, body text and all non-bleed images need to remain in those margins. Any elements outside of the safety areas are at risk of being trimmed.

We recommend a 0.125" (3 mm) white strip within the trim area, on the bind side of the page, for perfect bound and hardcover books: this is in addition to the recommended 0.5" margin. Images and background color should stop 0.125" (3 mm) from the trim edge of the page.

BLEED: A file that contains bleed elements is required to be submitted with 0.125" (3 mm) bleed added to the three trim edges (top, bottom, outside) of the document. These elements must extend the complete 0.125" (3mm) to the bleed edge of the document to ensure that the file prints correctly without any white margins when the book is trimmed. Please do not add bleed to the bind (gutter) edge as this will cause incorrect positioning.

COLOR: All images in a text file must be CMYK. Images that are less than 72 ppi will be rejected for higher-resolution submissions. (Resolutions this low are considered too low in quality for printing)

BODY TEXT: For best results for text that is 24 pt. or below, please use 100% black only.

BLACK/RICH BLACK/DENSITY: We recommend a rich black with CMYK values = 60% Cyan / 40% Magenta / 40% Yellow / and 100% Black. CMYK total value should not exceed 240%. Elements should not be built in 'Registration' (100% of all colors).
*Files sent with densities higher than 240% may be rejected for correction. Files with densities greater than 240% may process and print without rejection. If these files with densities over 240% encounter print issues in future orders, LS will require a corrected file from the customer.

TITLES WITH HEAVY INK COVERAGE: For best printing results, titles with interior pages that have heavy ink coverage on only one side of the page, and little/no ink coverage on the other side, should be printed on heavier weight paper. In the event LS encounters this issue during printing, LS reserves the right to change the printing of the interior to a heavier weight paper and adjust the cover to compensate for the new spine width to enable LS to fulfill the order.

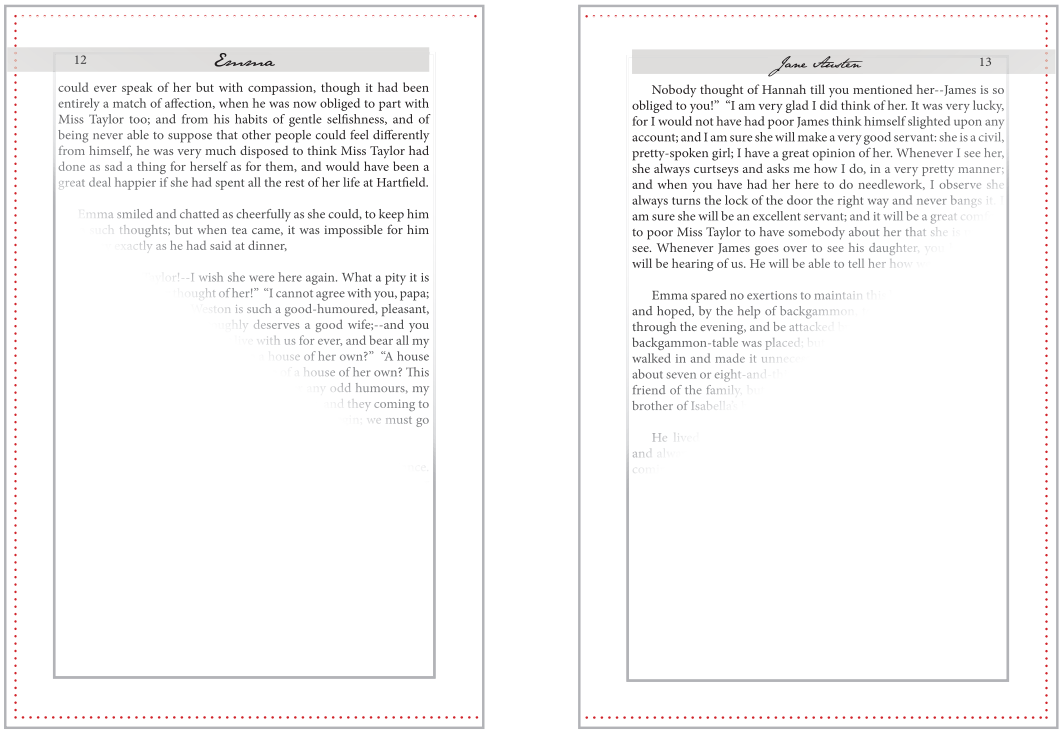
SPOT COLORS: Please convert all spot colors (PMS / PANTONE) with/without transparencies to CMYK, (even in supporting .eps files). These may produce unexpected color results when printing. Any dissatisfaction with color shift will be the publisher's responsibility to correct.

COLOR & PREMIUM COLOR : BIND TYPE INFORMATION

Books that are **6.14" x 9.21" (234 x 156)** ***and smaller*** will be printed in either six-page (three front/three back) or 4 page (two front/two back) single sheet signatures.

Books that are ***larger than*** **6.14" x 9.21" (234 x 156)** will be printed in four-page (two front/two back) single sheet signatures.

TEXT SETUP : BLACK AND WHITE



Above spreads are setup as an example of black and white interiors with bleed.
The inside gray box represents the .5” (13 mm) margins and the trim lines are represented by dotted red lines.
If submitting an interior without bleed, please build pages to exact trim size.

Layout and Margins

When laying out a black and white, non-bleed interior, the pages should be built to reflect the final trim size of the book (i.e. 6x9”). Within the document a margin of 0.5" (13 mm) is recommended and headers, footers, page numbers, body text and all images should remain within those margins.

When creating a black and white interior with bleed, create your document to the correct trim size and add an additional 0.125” (3 mm) to the three trim edges of the page. Please do not add bleed to the bind (gutter) edge of the page.

Single Pages

When creating your final PDF file for submission, please ensure the file is created in a single-page format, and spreads are turned off/deselected.

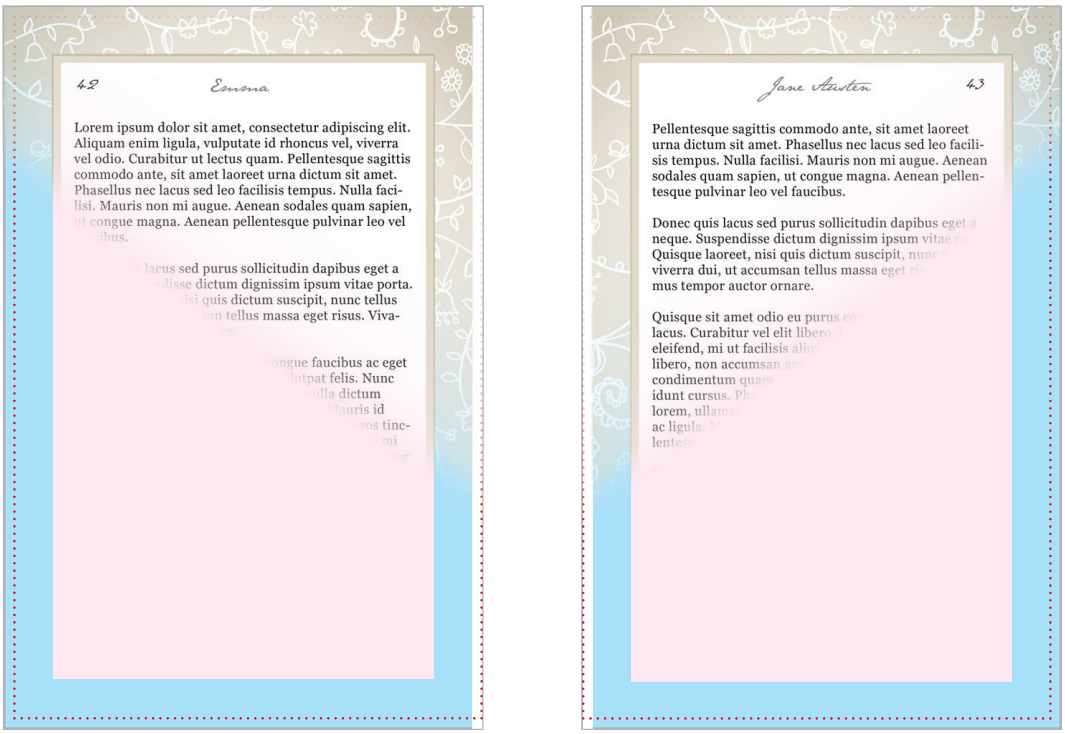
Resolution

For best results, images should be of a good quality and have high resolution for printing. Continuous tone images are recommended for submission as 8-bit, grayscale. Black-and-white images are recommended for submission as 1-bit, black-and-white.

Grayscale

For best results, all images should be converted to grayscale before submitting. Images submitted in a file as RGB or CMYK will be converted to grayscale when printing–this can sometimes cause a color shift. Any dissatisfaction with color shift will be the publisher’s responsibility to correct.

TEXT SETUP : COLOR



Above spreads are setup as an example of perfect bound & hardcover interiors.

The above example of a color interior spread is built with colored sections representing the different areas and how each are to be treated.

Blue (Bleed) Area / Overall Document Size

To determine the final bleed size of your page use the following equation:

Final Width = Width of book + 0.125" (3 mm) bleed on trim side. No additional bleed is added to the bind edge.
Final Height = Height of book + 0.125" (3 mm) bleed on top + 0.125" (3 mm) bleed on bottom.

For example a 6x9" (229x152mm) book will have a final interior size of 6.125" (156 mm) wide x 9.25" (235 mm) tall.

If using a background color or image please take those elements to the edge of the bleed area.

Pink (Safety) Area

A 0.5" (13 mm) margin is recommended inside the trim for color book interiors. All headers, footers, page numbers, body text and all non-bleed images need to remain in those margins. Any elements outside of the safety areas are at risk of being trimmed.

We recommend a 0.125" (3 mm) white strip within the trim area, on the bind side of the page, for perfect bound and hardcover books: this is in addition to the recommended 0.5" margin. Images and background color should stop 0.125" (3 mm) from the trim edge of the page.

Red (Trim) Dotted Line

The dotted red line shown above gives an idea of how the book will be trimmed. The book will be trimmed .125" (3 mm) on three sides. The bind side will not be trimmed.

TEXT SETUP : PERFORATION

Perforation is available in limited trim sizes for perfectbound books printed on **Color 50lb.**

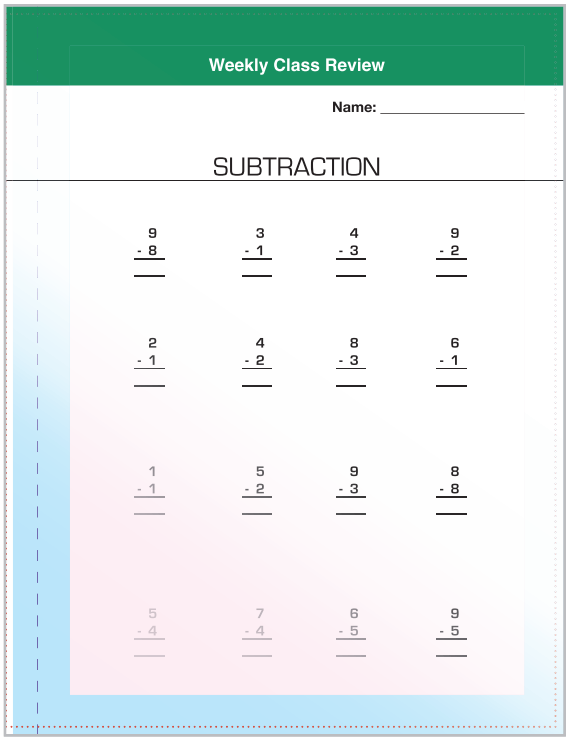
See Trim Size Matrix for available trim sizes

Inside Margin: Recommended minimum 1" (25 mm)
Margins: Recommended minimum 0.5" (13 mm) on outer three edges.

Perforated interiors are produced with a tiny line of perforation that allows for pages to easily be removed from the book. Perforations are available in Black & White and Color products in limited trim sizes.

This example of a perforated interior page is built with colored sections representing the different areas and how each are to be treated.

The example page has been layered to allow for the colored boxes to be visible.



Above page is setup as an example of a right hand perforated page. A left hand page should be created with measurements reversed.

Blue (Bleed) Area / Overall Document Size
To determine the final bleed size of your page use the following equation:

Final Width = Width of book + 0.125" (3 mm) bleed on trim side. No additional bleed is added to the bind edge.
Final Height = Height of book + 0.125" (3 mm) bleed on top + 0.125" (3 mm) bleed on bottom.

For example a 6x9" (229x152mm) book will have a final interior size of 6.125" (156 mm) wide x 9.25" (235 mm) tall.
If using a background color or image please take those elements to the edge of the bleed area.

Pink (Safety) Area
A 0.5" (13 mm) margin is recommended on the 3 trim edges and a 1" (25.4 mm) margin on the bind edge of perforated interiors. All headers, footers, page numbers, body text and all non-bleed images need to remain in those margins. Any elements outside of the safety areas are at risk of being trimmed.

We recommend a 0.125" (3 mm) white strip within the trim area, on the bind side of the page, for perfect bound and hardcover books: this is in addition to the recommended 1" margin. Images and background color should stop 0.125" (3 mm) from the trim edge of the page.

Red (Trim) Dotted Line
The dotted red lines shown above gives an idea of how the book will be trimmed. The book will be trimmed .125" (3 mm) on three sides. The bind side will not be trimmed.

Purple (Perforation) Dashed Line
The purple dashed line represents the placement of the perforation. This line is .5" (13 mm) from the bind edge of the page. We recommend that you inset your inside margin an ADDITIONAL .5" (13 mm) from this line. Bleed elements should extend beyond the perforation line.

TEXT SETUP : RTL (RIGHT-TO-LEFT)

Reverse Binding is used for this text set-up (spine is on the right side of the book when closed and looking at the front cover). This format is commonly used with the following languages: Arabic, Hebrew, Kurdish (Sorani), Persian/farsi etc...

Lightning Source can manufacture books for RTL intended content. RTL (right-to-left) writing starts from the right of the page and continues to the left. Interior pages should be set-up in reverse page order (last page of text presented as the first page) using the same rules and requirements for Black and White, Color, or Premium Color Interior files.

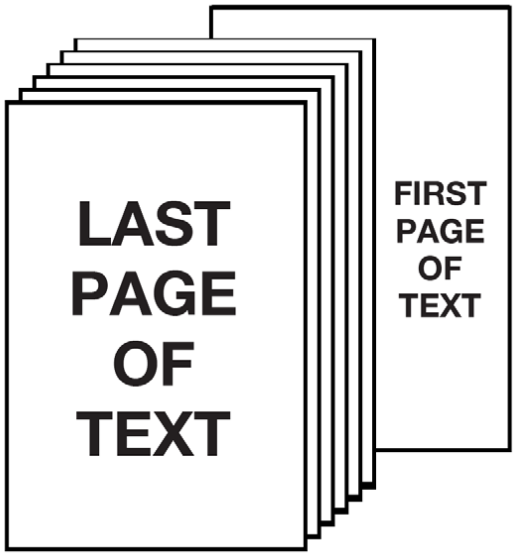
The information provided below explains how to set-up RTL (Right-to-Left) interior files for LS manufacturing process.

RTL Books Interior Set-Up

RTL interiors are produced in reverse order. The submitted file will have the last page of text presented as the first page of the PDF (and the first page of text as the last page of the PDF).

PDFs must be submitted with an even number of pages to avoid an undesired shifting of interior content pagination.

* Please note that when the book is produced, the LS barcode page will appear on the first page of text. This is normal and is a result of the process used in producing reverse bound books.



Above pages are setup as an example of RTL (Right-to-Left)

FILE CREATION GUIDE COVER FILES

COVER
- QUICK REFERENCE
- REQUIREMENTS

COVER SETUP : USING A TEMPLATE
- PERFECT BOUND, SIMPLEX
- PERFECT BOUND, DUPLEX
- CASEBOUND
- JACKET

COVER : QUICK REFERENCE

The following are recommendations and specifications that you should know when laying out cover for all book types.

Resolution: 300 ppi

Color Space: CMYK

LPI (lines per inch): 180

Required file format: PDF (.pdf) file on LS cover template
(template dimensions vary by trim size)
SIMPLEX: 1-page PDF
DUPLEX: 2-page PDF (Perfect Bound ONLY, limited trim sizes)

PDF producer: Acrobat Distiller–PDF/X-1a:2001, PDF/X-3:2002
Export from InDesign–PDF/X-1a:2001, PDF/X-3:2002

Bleed: 0.125" (3 mm) all sides

Type Safety: 0.25" (6 mm) recommended minimum on all sides
(LS templates will allow down to 0.125" (3 mm) safety)

Spine Type Safety: 0.0625" (2 mm) left/right sides for spines 0.35" and larger
0.03125" (1 mm) left/right sides for spines smaller than 0.35"
NO spine text allowed for Perfect Bound books with page counts below 48.

Duplex Inside Spine Safety: spine width must be left blank + additional 0.0625" (2mm) on each side of the spine
*LS reserves the right to place a white "no-ink" area over the inside spine + additional 0.0625" area on each side of the spine

Accepted Submission Methods: web upload for files up to 1.5 GB (zip/stuff compression accepted)

File naming: isbn_cov.pdf or isbncov.pdf
isbn_cvr.pdf or isbncvr.pdf
isbn_jacket.pdf or isbnjacket.pdf
isbn_jkt.pdf or isbnjkt.pdf

COVER : REQUIREMENTS

PDF COMPLIANCE: Files must be PDF/X-1a:2001 or PDF/X-3:2002 compliant. The PDF/X-1a:2001 setting is found in the Professional versions of Adobe Acrobat 6 or above (listed as PDF/X-1a in Acrobat 6 Professional). The PDF/X-3:2002 setting is found in the Professional versions of Adobe Acrobat 7 or above.

TEMPLATE: Cover artwork should be placed within the crop marks on the correct template produced by the template generator. All templates should be ordered and files built with a mod2 spine calculation (page count divisible by 2). *For instructions on ordering a template, refer to pages 5 & 6.

Please do not reposition any items on the template (except the barcode) – all items (trim size / crop marks / spine calculation) are required and placed for LS's specific printing workflow. *Note: The only exceptions are the pink and blue areas have to be removed or covered up from EPS/PDF templates before submission.

Final PDF should be created at the size it's received. Artwork should not extend past the crop marks.

BARCODES: mandatory on all covers. Barcodes on LS cover templates CAN be moved or repositioned on the back cover, but please do not resize the barcode.

–Barcodes created by the publisher should be 100% black only, and placed on a white box/background.
–LS will add/replace barcodes that are unscannable or incorrect. We will add a generic barcode if the book does not have an ISBN assigned to it. The publisher may not be notified if this manipulation is made.
–If you're unable to supply a barcode, please leave an area of at least 1.75" wide x 1" high for LS to place a barcode on the back cover.

BLEED: 0.125" (3 mm) bleed is required on all four sides. Graphics, illustrations, and color intended to print past the edge of a cover should bleed a full 0.125" past the final trim size.

SPINE: NO spine text allowed for Perfect Bound books with page counts below 48.

MARGINS: 0.25" (6 mm) recommended margin on all sides from final trim size. LS templates allow down to 0.125" (3 mm) safety. This applies to non-bleeding text & art.

COLOR: All images in a cover file must be CMYK. Images that are less than 200 ppi may be rejected for higher-resolution submissions. (resolutions this low are considered too low in quality for printing)

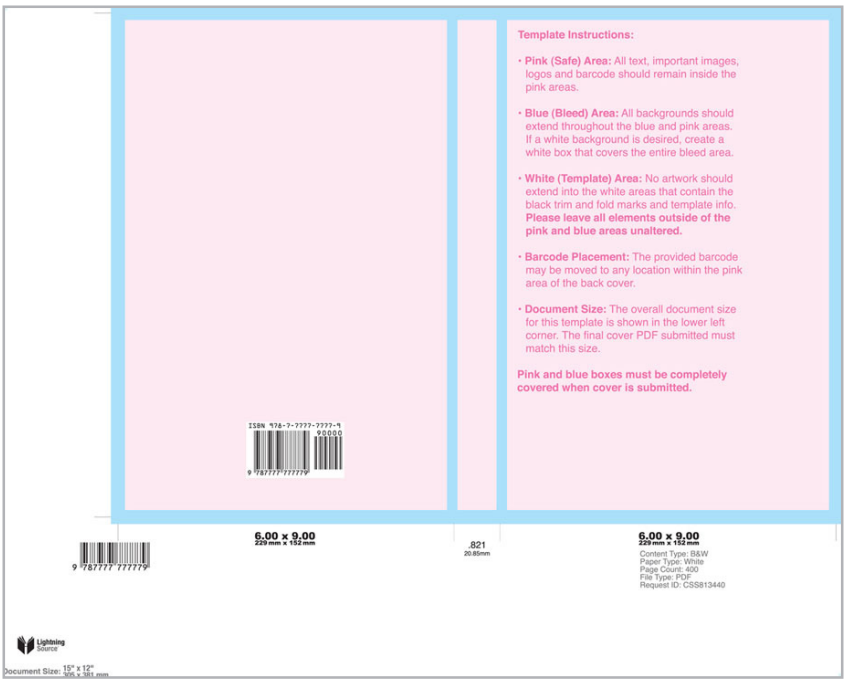
BODY TEXT: For best results for text that is 24 pt. or below, please use 100% black only.

BLACK/RICH BLACK/DENSITY: We recommend a rich black with CMYK values = 60% Cyan / 40% Magenta / 40% Yellow / and 100% Black. CMYK total value should not exceed 240%. Elements should not be built in 'Registration' (100% of all colors). *Files sent with densities higher than 240% may be rejected for correction.

Files with densities greater than 240% may process and print without rejection. If these files with densities over 240% encounter print issues in future orders, LS will require a corrected file from the customer.

SPOT COLORS/RGB: Please convert all spot colors (PMS / PANTONE) with/without transparencies to CMYK, (even in supporting .eps files). *Note: RGB files received will be converted to CMYK before printing. RGB / spot color with/without transparency may produce unexpected color results when printing.
Any dissatisfaction with color shift will be the publisher's responsibility to correct.

COVER SETUP : PERFECT BOUND, SIMPLEX



Pink (Safe) Area

All text, important images, logos and the barcode should all remain inside the pink area. This area lies 0.125" (3 mm) inside of the trim area and spine fold area and is safe from being trimmed / wrapped when the book is produced. *For the best results on the front and back covers, LS recommends keeping text an additional 0.125" (3 mm) inside of the pink safety boxes (for a full 0.25" / 6 mm safety).

Blue (Bleed) Area

The bleed area is the area which extends 0.125" (3 mm) beyond the trim lines and on each side of the spine.
All background color / images should extend throughout this area. Please note that any important images and text within the blue areas are at risk of being trimmed or caught within the fold.

White (Template) Area

The template area also contains trim marks, fold marks, book size and spine width information and a barcode for internal use. Please leave all elements outside of the pink and blue areas unaltered.

Barcode Placement

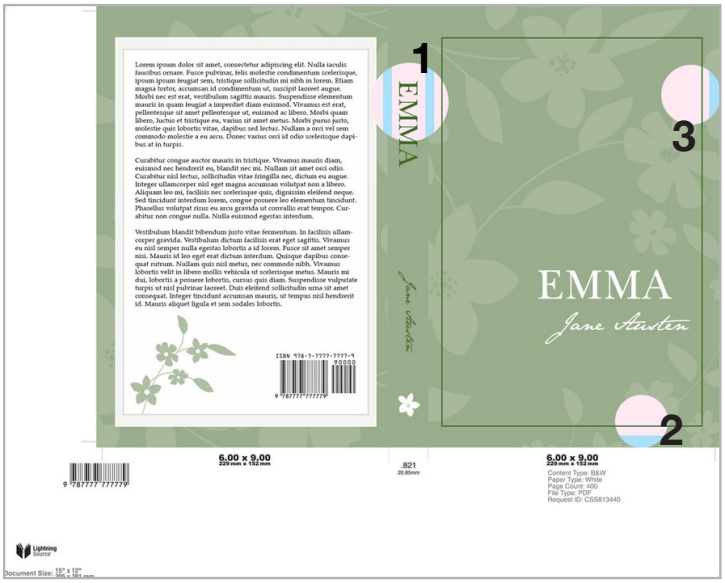
The barcode may be moved to any location within the pink area of the back cover. The barcode is a live element within InDesign templates but part of the overall image if using a PDF or EPS. Depending on the software used, when using the PDF or EPS template the barcode can be copied and pasted onto a new layer with the appropriate tools.

Template Size

Templates are created and distributed at a specific size. This size is listed at the bottom left of the template and should remain at that size when opening, designing upon and creating a PDF from. Additional crop marks and/or additional canvas size should not be added.

Pink and blue boxes must be completely covered when cover is submitted.

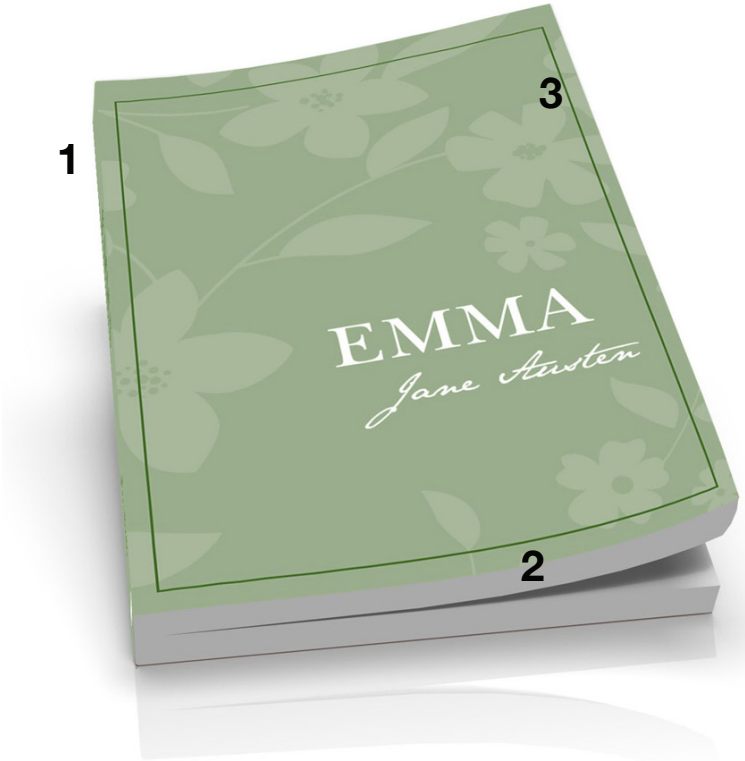
COVER SETUP: PERFECT BOUND, SIMPLEX



Additional information about using a template

1) Spine safety area

If the cover has a spine width greater than 0.35" (9 mm), the spine safety is 0.0625" (2 mm). If the spine width is less than 0.35" (9 mm) the spine safety is 0.03125" (1mm). The pink box presented on the template will reflect the correct safety size. Books with a page count below 48 pages cannot contain spine text.



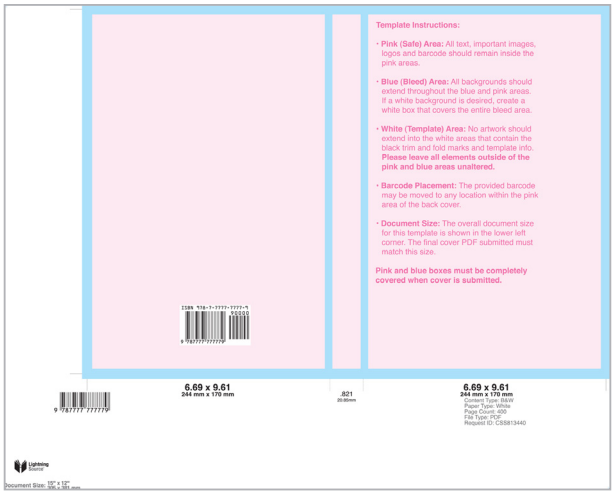
2) Bleed elements

Elements needing to go to the edge of the cover should be taken beyond the pink safety area and to the far edge of the blue bleed area. All non bleed elements need to remain in the pink safety area.

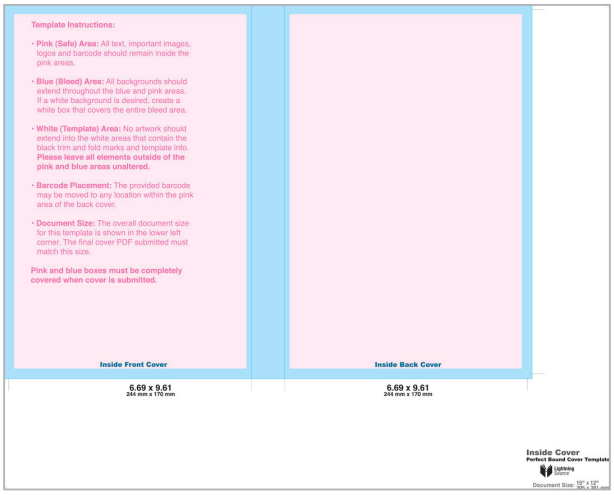
3) Borders and straight lines

Lightning Source does not recommend using borders close to the trim / fold areas of the books. This is because of the slight variances that may occur during the printing and binding process. If you choose to use a border please keep all straight edges an additional 0.125" (3 mm) inside of the pink safety areas.

COVER SETUP : PERFECT BOUND, DUPLEX



First page of the template - Outside Cover



Second page of the template - Inside Cover

Pink (Safe) Area

All text, important images, logos and the barcode should all remain inside the pink area. This area lies 0.125" (3 mm) inside of the trim area and spine fold area and is safe from being trimmed / wrapped when the book is produced. *For the best results on the front and back covers, LS recommends keeping text an additional 0.125" (3 mm) inside of the pink safety boxes (for a full 0.25" / 6 mm safety).

Blue (Bleed) Area

The bleed area is the area which extends 0.125" (3 mm) beyond the trim lines and on each side of the spine. All background color / images should extend throughout this area. Please note that any important images and text within the blue areas are at risk of being trimmed or caught within the fold.

White (Template) Area

The template area also contains trim marks, fold marks, book size and spine width information and a barcode for internal use. Please leave all elements outside of the pink and blue areas unaltered.

Barcode Placement

The barcode may be moved to any location within the pink area of the back cover. The barcode is a live element within InDesign templates but part of the overall image if using a PDF or EPS. Depending on the software used, when using the PDF or EPS template the barcode can be copied and pasted onto a new layer with the appropriate tools.

Template Size

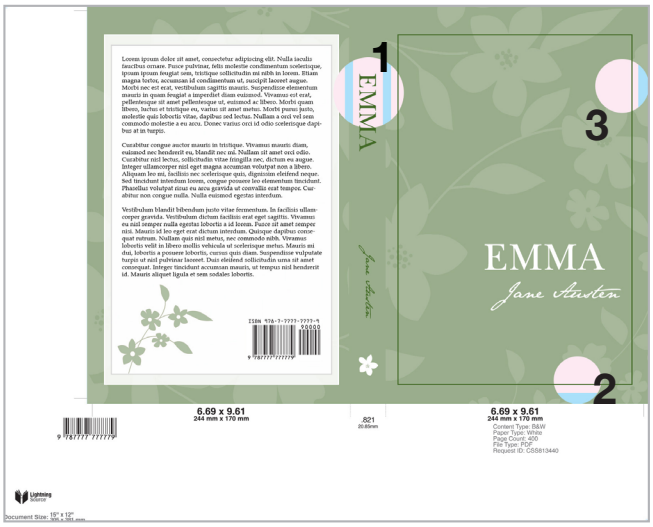
Templates are created and distributed at a specific size. This size is listed at the bottom left of the template and should remain at that size when opening, designing upon and creating a PDF from. Additional crop marks and/or additional canvas size should not be added.

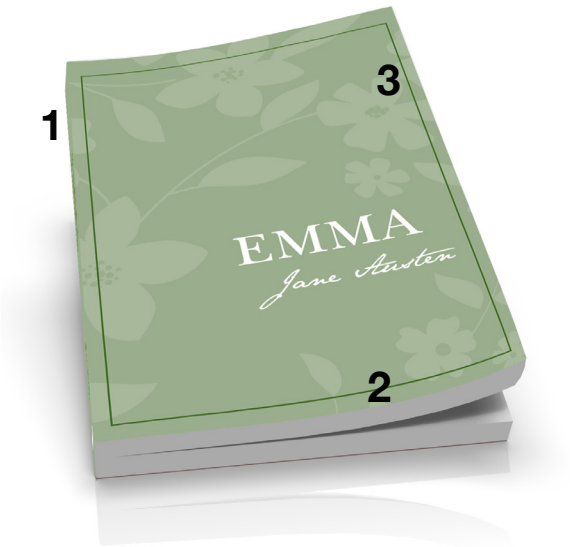
No Ink Area - Inside Spine

For the inside cover, the spine area and .0625” (2mm) on each side of the spine must be white and contain no color. This will allow for proper adhesion when the book is produced. Lightning Source reserves the right to place a white, no-ink area over the inside spine if color is present.

Pink and blue boxes must be completely covered when cover is submitted.

COVER SETUP : PERFECT BOUND, DUPLEX





Additional information about using a template

1) Spine safety area

If the cover has a spine width greater than 0.35" (9 mm), the spine safety is 0.0625" (2 mm). If the spine width is less than 0.35" (9 mm) the spine safety is 0.0325" (1mm). The pink box presented on the template will reflect the correct safety size. Books with a page count below 48 pages cannot contain spine text.

2) Bleed elements

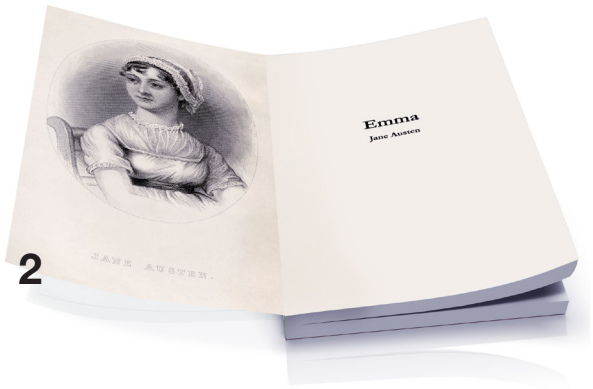
Elements needing to go to the edge of the cover should be taken beyond the pink safety area and to the far edge of the blue bleed area. All nonbleed elements need to remain in the pink safety area.

3) Borders and straight lines

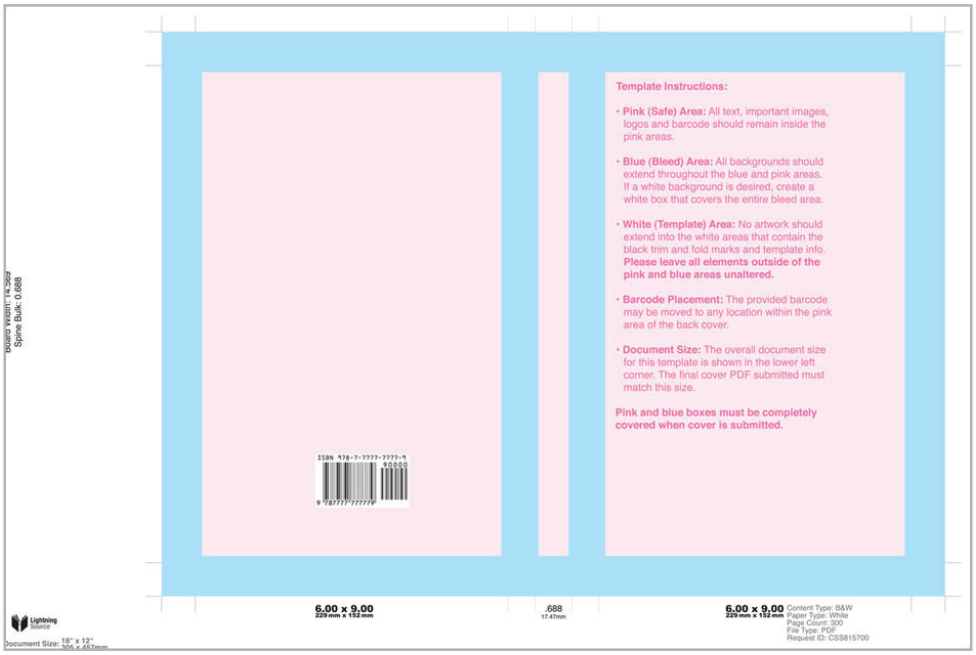
Lightning Source does not recommend using borders close to the trim / fold areas of the books. This is because of the slight variances that may occur during the printing and binding process. If you choose to use a border please keep all straight edges an additional 0.125" (3 mm) inside of the pink safety areas.

4) No Ink - Inside Spine

To allow for proper adhesion when the book is bound, the inside spine area and .0625" (2mm) on each side of the spine must be white and contain no color. Lightning Source reserves the right to place a white, no-ink area over the inside spine if color is present.



COVER SETUP : CASEBOUND



Pink (Safe) Area

All text, important images, logos and the barcode should all remain inside the pink area. This area lies 0.125" (3 mm) inside of the fold lines (around the parameter of the cover) and outside of the lines indicating the gutter area. This area is completely safe from being wrapped when the book is produced and will not be affected by the gutter indention. *For the best results on the front and back covers, LS recommends keeping text an additional 0.125" (3 mm) inside of the pink safety boxes (for a full 0.25" / 6 mm safety).

Blue (Bleed) Area

The bleed area is the area which extends 0.625" (16 mm) beyond the fold lines, the area inside the gutter and includes a small safety area on the spine. All background color / images should extend throughout this area. Please note that any important images and text within the blue areas are at risk of being folded or affected by the gutter.

White (Template) Area

The template area also contains trim marks, fold marks and book size and spine width information. Please leave all elements outside of the pink and blue areas unaltered.

Barcode Placement

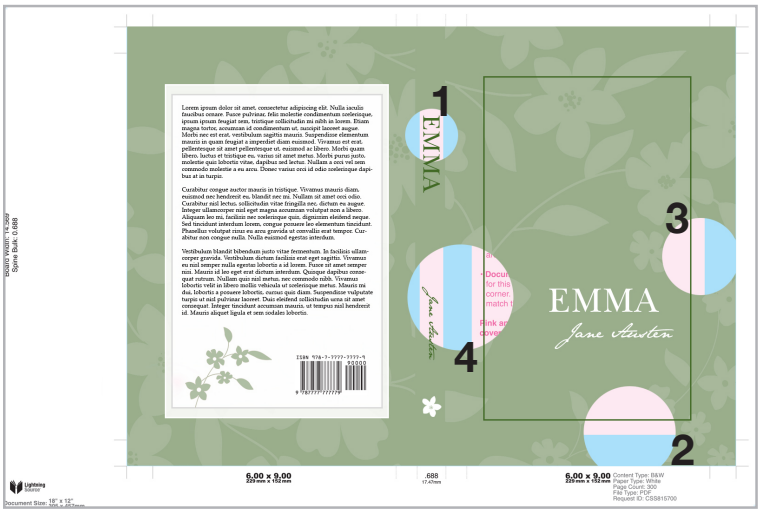
The barcode may be moved to any location within the pink area of the back cover. The barcode is a live element within InDesign templates but part of the overall image if using a PDF or EPS. Depending on the software used, when using the PDF or EPS template the barcode can be copied and pasted onto a new layer with the appropriate tools.

Template Size

Templates are created and distributed at a specific size. This size is listed at the bottom left of the template and should remain at that size when opening, designing upon and creating a PDF from. Additional crop marks and/or additional canvas size should not be added.

Pink and blue boxes must be completely covered when cover is submitted.

COVER SETUP : CASEBOUND



Additional information about using a template

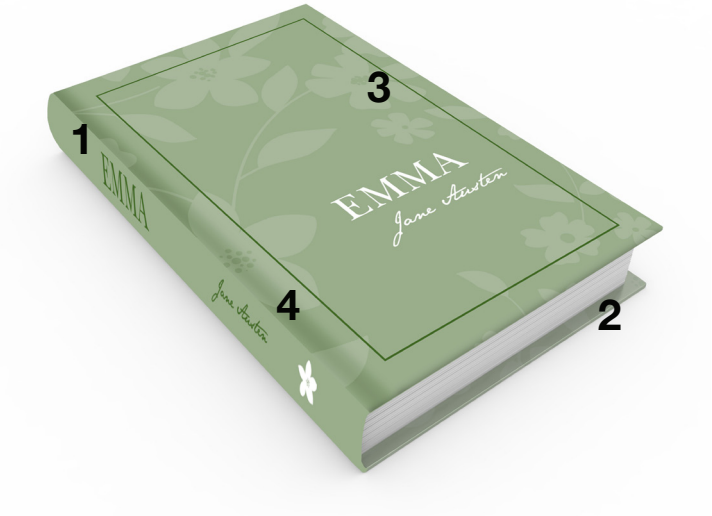
1) Spine safety area

If the cover has a spine width greater than 0.35" (9 mm), the spine safety is 0.0625" (2.00mm). If the spine width is less than 0.35" (9 mm) the spine safety is 0.03125" (1mm). The pink box presented on the template will reflect the correct safety size.

2) Bleed elements

Elements needing to extend to the edge of the cover should be taken beyond the pink safety area and to the outside edge of the blue bleed area. Artwork that extends to the bleed edge will be folded and wrapped around the case board during manufacturing.

Any elements that are not to be affected by folding or the gutter need to remain in the pink safety area.



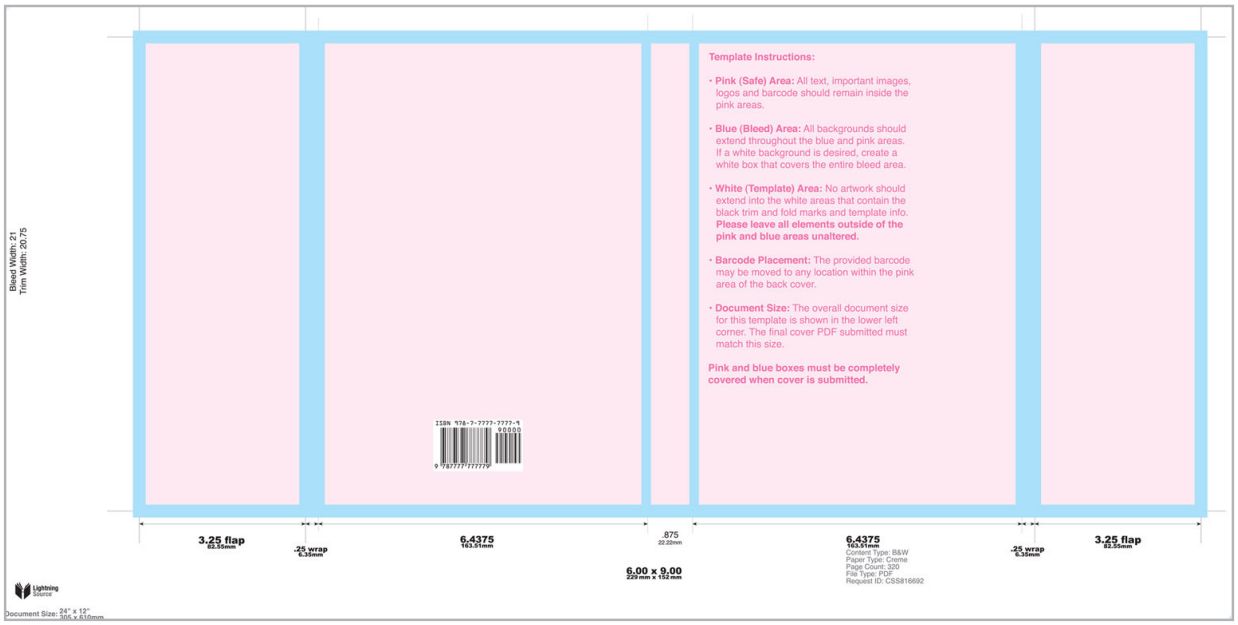
3) Borders and straight lines

Lightning Source does not recommend using borders close to the trim / fold area of the books. This is because of the slight variances that may occur during the printing and binding process. If you choose to use a border please keep all straight edges an additional 0.125" (3 mm) inside of the pink safety areas.

4) Gutter Area

Casebound books contain an area where the spine board is connected to the front and back cover boards. This area will be pliable and have a slight indention. To ensure cover elements are not obscured by the indention, please keep all important elements outside of the gutter bleed area.

COVER SETUP : DUST JACKET



Pink (Safe) Area

All text, important images, logos and the barcode should all remain inside the pink area. This area lies 0.125” (3mm) inside of the fold lines (to each side of the spine and flaps) and outside of the trim lines. This area is completely safe from being wrapped or trimmed when the book is produced. *For the best results on the front and back covers, LS recommends keeping text an additional 0.125" (3 mm) inside of the pink safety boxes (for a full 0.25" / 6 mm safety).

Blue (Bleed) Area

The bleed area is the area which extends 0.125" (3mm) beyond the trim lines, an area inside of and to the sides of the spine and a 0.25" (6mm) strip that connects the front and back covers to the dust jacket flaps. All background color / images should extend throughout these areas. Please note that any important images and text within the blue areas are at risk of being folded or trimmed.

White (Template) Area

The template area also contains trim marks, fold marks and book size and spine width information. Please leave all elements outside of the pink and blue areas unaltered.

Barcode Placement

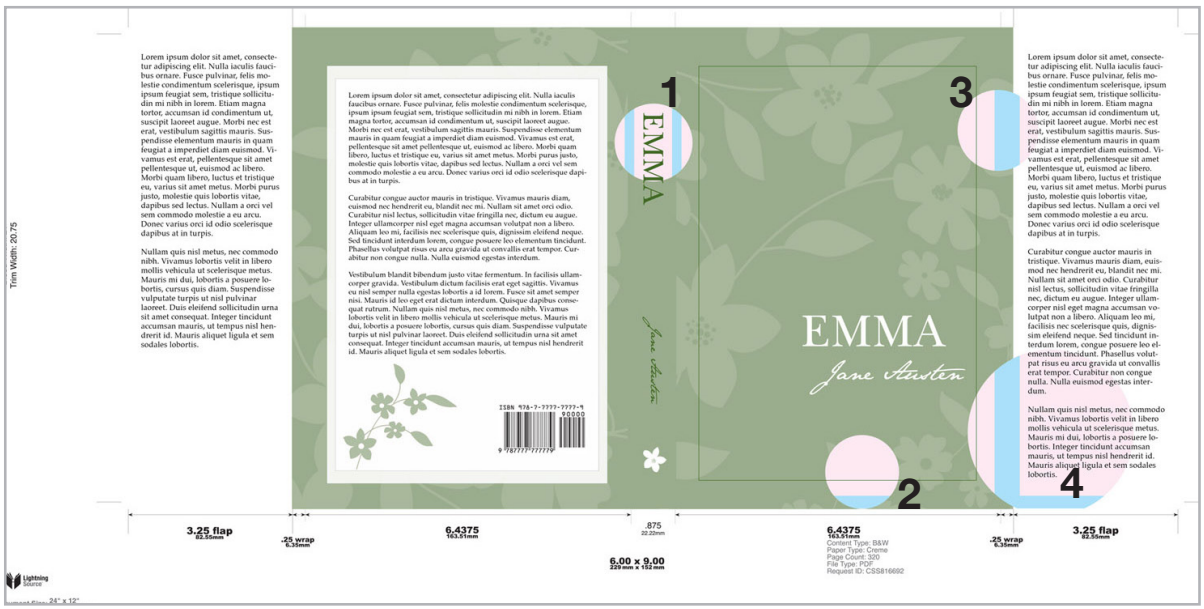
The barcode may be moved to any location within the pink area of the back cover. The barcode is a live element within InDesign templates but part of the overall image if using a PDF or EPS. Depending on the software used, when using the PDF or EPS template the barcode can be copied and pasted onto a new layer with the appropriate tools.

Template Size

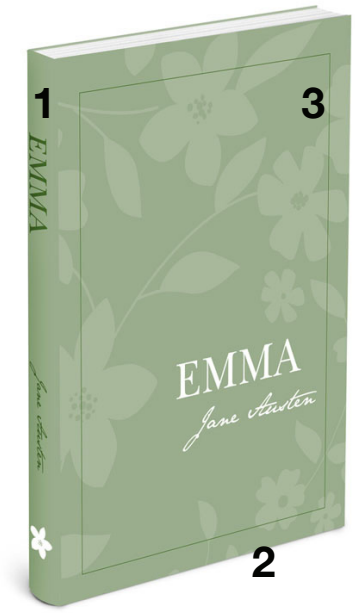
Templates are created and distributed at a specific size. This size is listed at the bottom left of the template and should remain at that size when opening, designing upon and creating a PDF from. Additional crop marks and/or additional canvas size should not be added.

Pink and blue boxes must be completely covered when cover is submitted.

COVER SETUP : DUST JACKET



Additional information about using a template



1) Spine safety area

If the cover has a spine width greater than 0.35" (9 mm), the spine safety is 0.0625" (2.00mm). If the spine width is less than 0.35" (9 mm) the spine safety is 0.03125" (1 mm). The pink box presented on the template will reflect the correct safety size.

2) Bleed elements

Elements needing to go to the edge of the cover should be taken beyond the pink safety area and onto the far edge of the blue bleed area. To bleed covers on the side of the front and back covers take the bleed elements through the wrap area to the line that designates the end of the wrap. Any elements that are not to be trimmed need to remain in the pink safety area.

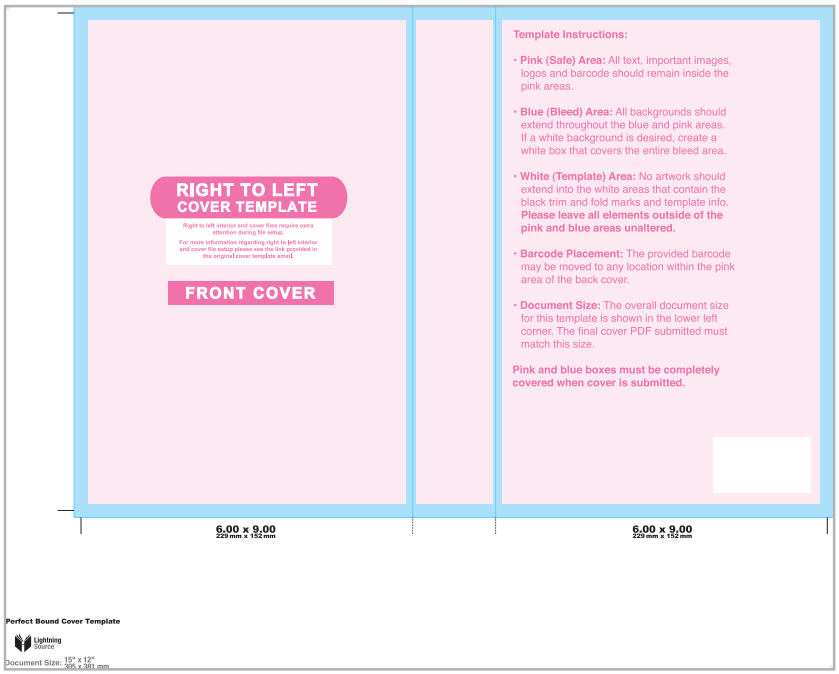
3) Borders and straight lines

Lightning Source does not recommend using borders close to the trim / fold area of the books. This is because of the slight variances that may occur during the printing and binding process. If you choose to use a border please keep all straight edges an additional 0.125" (3 mm) inside of the pink safety areas.

4) Flap Area

Dust jackets have an additional 3.25" (82.55mm) area that wraps around the hardcover book. This area contains the same safety requirements as the rest of the cover with the addition on a 0.25" (6mm) wrap area between the front/back covers and flaps.

COVER SETUP : RTL (RIGHT-TO-LEFT) PERFECT BOUND, SIMPLEX



Pink (Safe) Area

All text, important images, logos and the barcode should all remain inside the pink area. This area lies 0.125" (3 mm) inside of the trim area and spine fold area and is safe from being trimmed / wrapped when the book is produced. *For the best results on the front and back covers, LS recommends keeping text an additional 0.125" (3 mm) inside of the pink safety boxes (for a full 0.25" / 6 mm safety).

Blue (Bleed) Area

The bleed area is the area which extends 0.125" (3 mm) beyond the trim lines and on each side of the spine.
All background color / images should extend throughout this area. Please note that any important images and text within the blue areas are at risk of being trimmed or caught within the fold.

White (Template) Area

The template area also contains trim marks, fold marks, book size and spine width information and a barcode for internal use. Please leave all elements outside of the pink and blue areas unaltered.

Barcode Placement

The barcode may be moved to any location within the pink area of the back cover. The barcode is a live element within InDesign templates but part of the overall image if using a PDF or EPS. Depending on the software used, when using the PDF or EPS template the barcode can be copied and pasted onto a new layer with the appropriate tools.

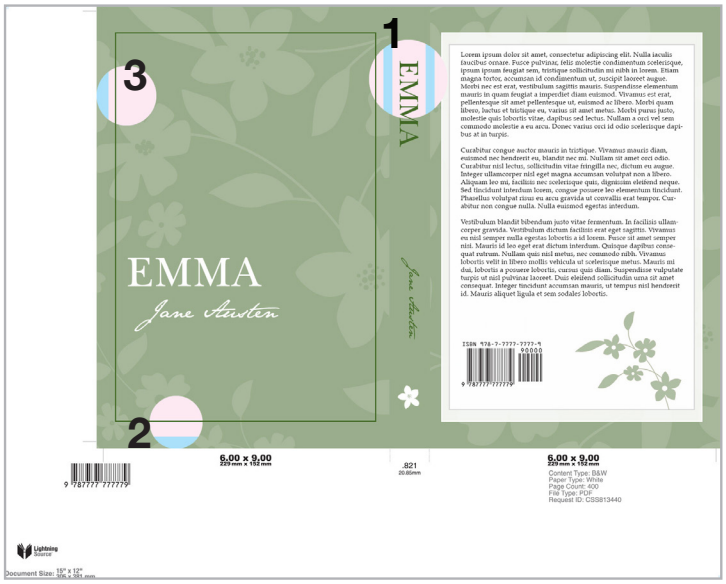
Template Size

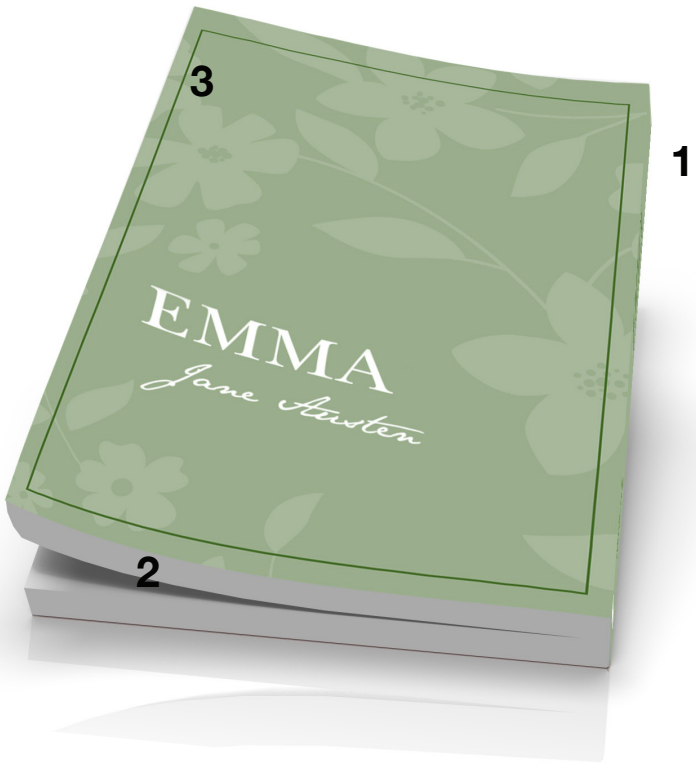
Templates are created and distributed at a specific size. This size is listed at the bottom left of the template and should remain at that size when opening, designing upon and creating a PDF from. Additional crop marks and/or additional canvas size should not be added.

Pink and blue boxes must be completely covered when cover is submitted.

COVER SETUP : RTL (RIGHT-TO-LEFT) PERFECT BOUND, SIMPLEX

The cover is built differently than a standard book whereas the back and front covers are reversed. To process correctly the cover will need to be placed on the LS template and reversed (as shown below).





Additional information about using a template

1) Spine safety area

If the cover has a spine width greater than 0.35" (9 mm), the spine safety is 0.0625" (2 mm). If the spine width is less than 0.35" (9 mm) the spine safety is 0.03125" (1mm). The pink box presented on the template will reflect the correct safety size. Books with a page count below 48 pages cannot contain spine text.

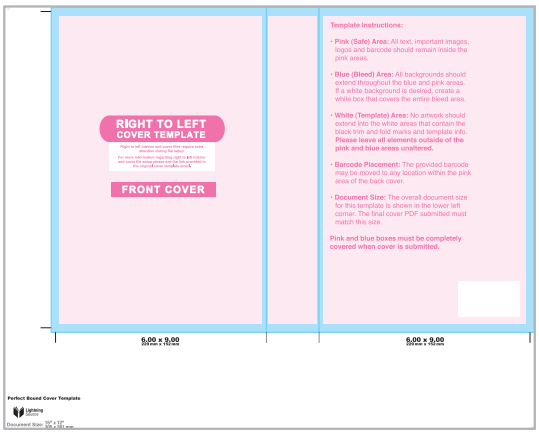
2) Bleed elements

Elements needing to go to the edge of the cover should be taken beyond the pink safety area and to the far edge of the blue bleed area. All non bleed elements need to remain in the pink safety area.

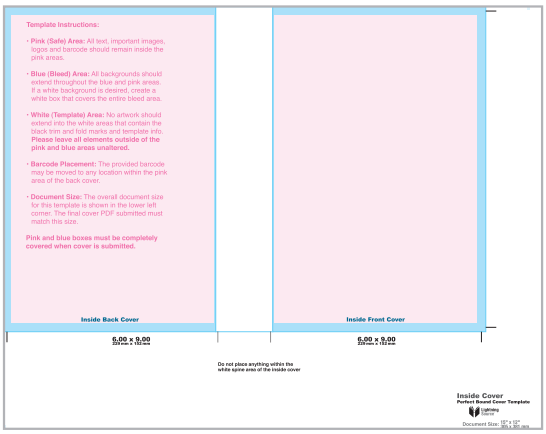
3) Borders and straight lines

Lightning Source does not recommend using borders close to the trim / fold areas of the books. This is because of the slight variances that may occur during the printing and binding process. If you choose to use a border please keep all straight edges an additional 0.125" (3 mm) inside of the pink safety areas.

COVER SETUP : RTL (RIGHT-TO-LEFT) PERFECT BOUND, DUPLEX



First page of the template - Outside Cover



Second page of the template - Inside Cover

Pink (Safe) Area

All text, important images, logos and the barcode should all remain inside the pink area. This area lies 0.125" (3 mm) inside of the trim area and spine fold area and is safe from being trimmed / wrapped when the book is produced. *For the best results on the front and back covers, LS recommends keeping text an additional 0.125" (3 mm) inside of the pink safety boxes (for a full 0.25" / 6 mm safety).

Blue (Bleed) Area

The bleed area is the area which extends 0.125" (3 mm) beyond the trim lines and on each side of the spine. All background color / images should extend throughout this area. Please note that any important images and text within the blue areas are at risk of being trimmed or caught within the fold.

White (Template) Area

The template area also contains trim marks, fold marks, book size and spine width information and a barcode for internal use. Please leave all elements outside of the pink and blue areas unaltered.

Barcode Placement

The barcode may be moved to any location within the pink area of the back cover. The barcode is a live element within InDesign templates but part of the overall image if using a PDF or EPS. Depending on the software used, when using the PDF or EPS template the barcode can be copied and pasted onto a new layer with the appropriate tools.

Template Size

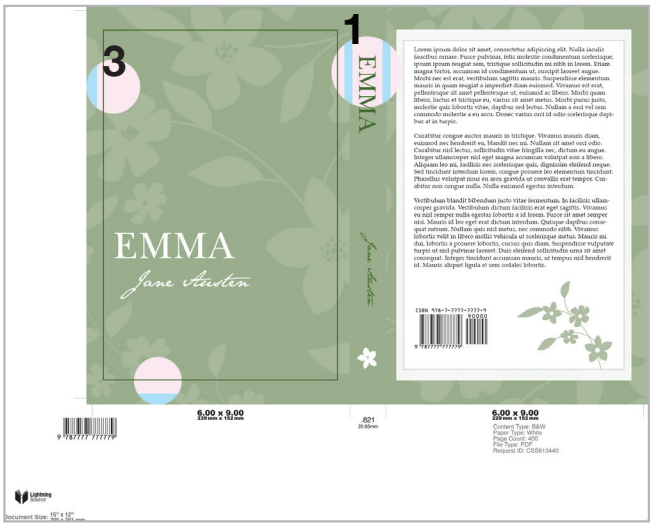
Templates are created and distributed at a specific size. This size is listed at the bottom left of the template and should remain at that size when opening, designing upon and creating a PDF from. Additional crop marks and/or additional canvas size should not be added.

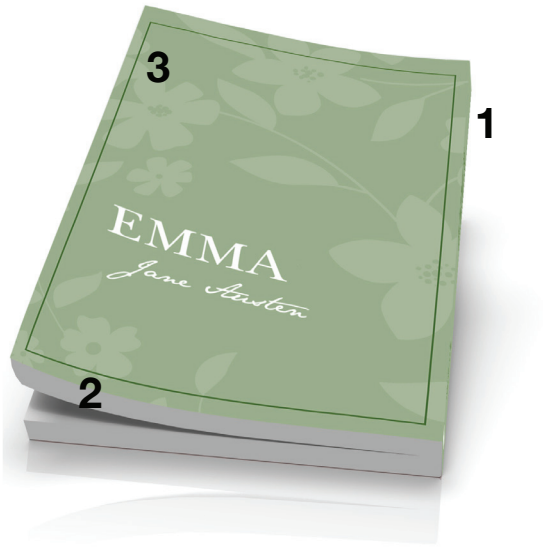
No Ink Area - Inside Spine

For the inside cover, the spine area and .0625” (2mm) on each side of the spine must be white and contain no color. This will allow for proper adhesion when the book is produced. Lightning Source reserves the right to place a white, no-ink area over the inside spine if color is present.

Pink and blue boxes must be completely covered when cover is submitted.

COVER SETUP : RTL (RIGHT-TO-LEFT) PERFECT BOUND, DUPLEX





Additional information about using a template

1) Spine safety area

If the cover has a spine width greater than 0.35" (9 mm), the spine safety is 0.0625" (2 mm). If the spine width is less than 0.35" (9 mm) the spine safety is 0.0325" (1mm). The pink box presented on the template will reflect the correct safety size. Books with a page count below 48 pages cannot contain spine text.

2) Bleed elements

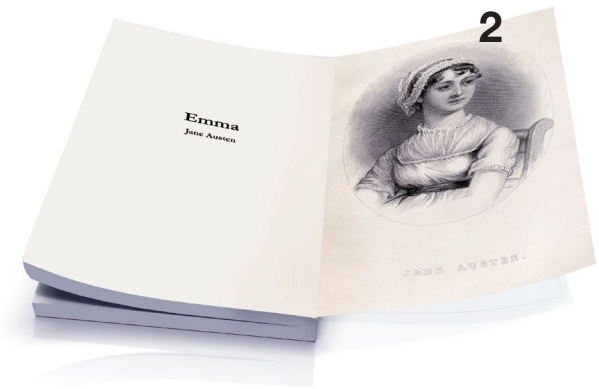
Elements needing to go to the edge of the cover should be taken beyond the pink safety area and to the far edge of the blue bleed area. All nonbleed elements need to remain in the pink safety area.

3) Borders and straight lines

Lightning Source does not recommend using borders close to the trim / fold areas of the books. This is because of the slight variances that may occur during the printing and binding process. If you choose to use a border please keep all straight edges an additional 0.125" (3 mm) inside of the pink safety areas.

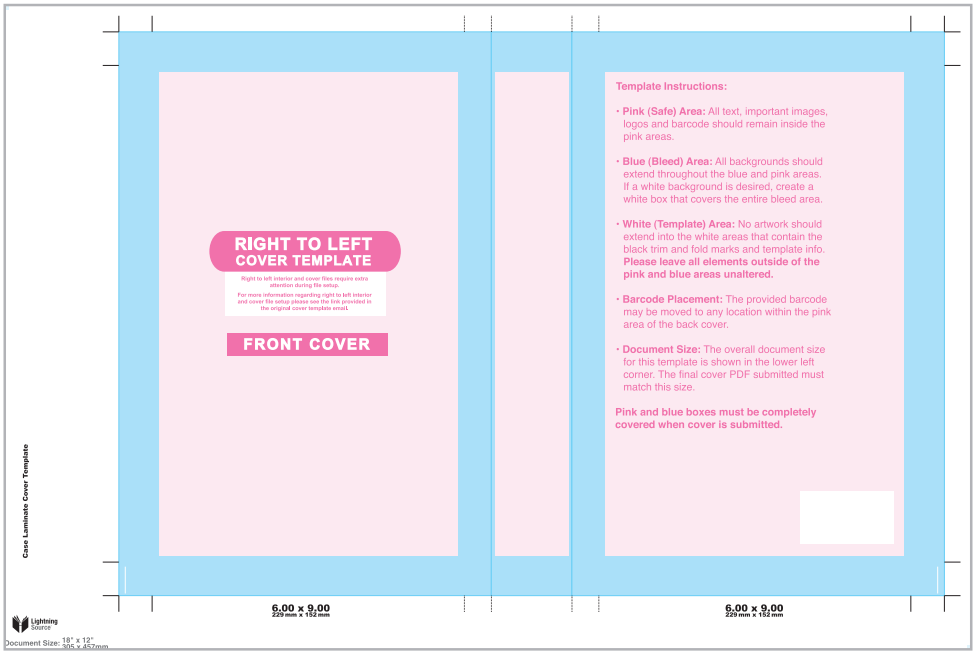
4) No Ink - Inside Spine

To allow for proper adhesion when the book is bound, the inside spine area and .0625" (2mm) on each side of the spine must be white and contain no color. Lightning Source reserves the right to place a white, no-ink area over the inside spine if color is present.

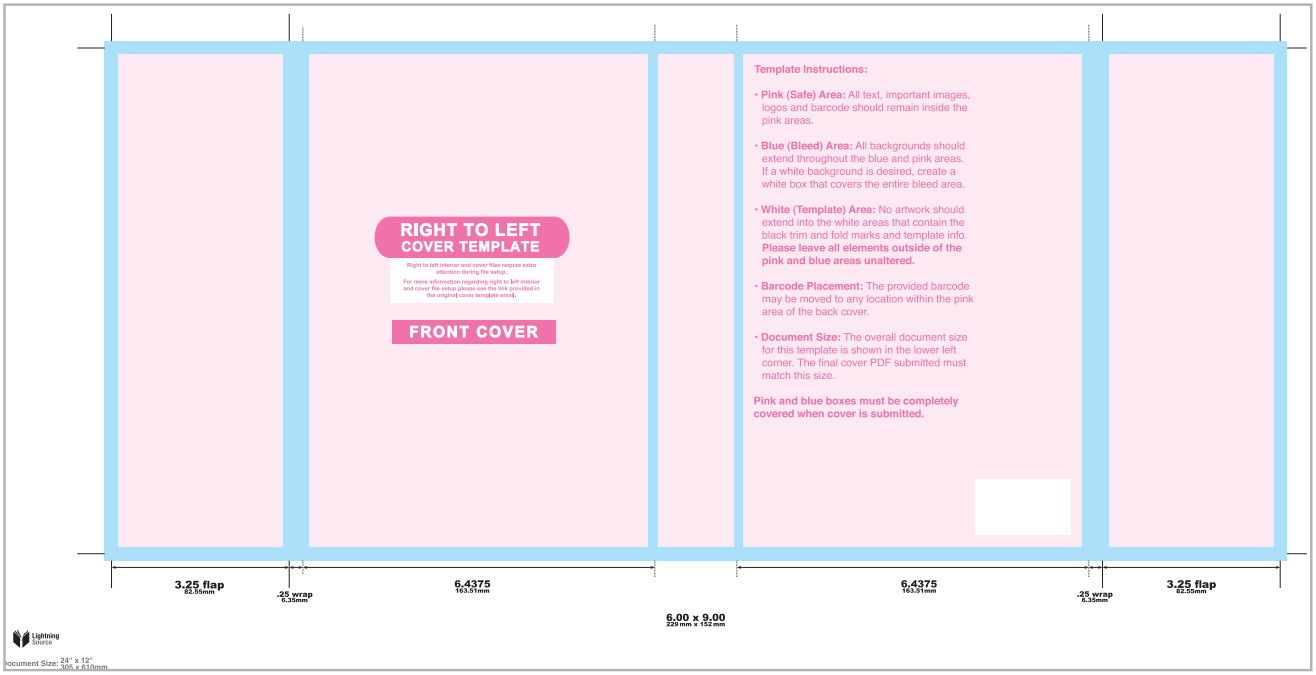


COVER SETUP : RTL (RIGHT-TO-LEFT) CASEBOUND / DUST JACKET

CASEBOUND :

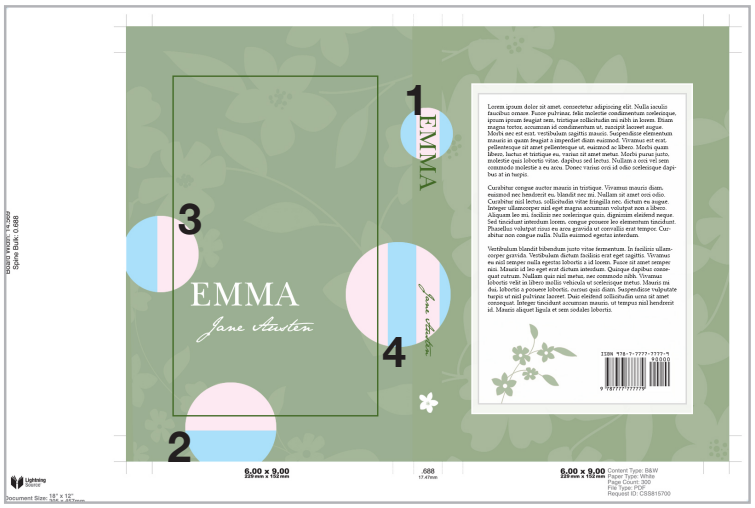


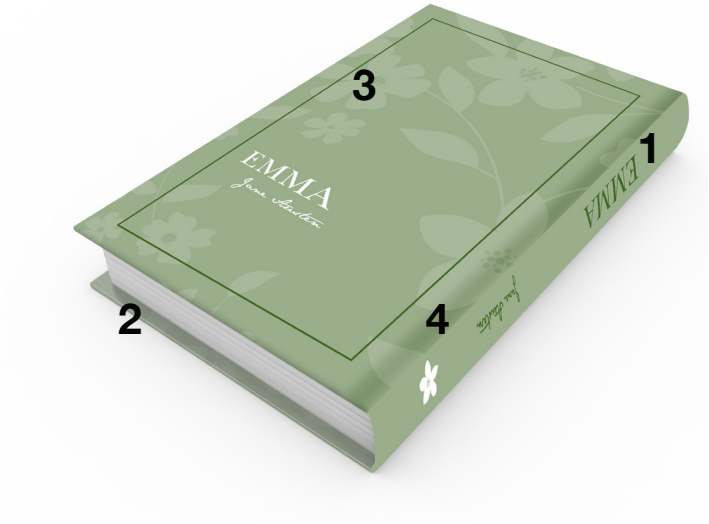
DUST JACKET :



COVER SETUP : RTL (RIGHT-TO-LEFT) CASEBOUND / DUST JACKET

The cover is built differently than a standard book whereas the back and front covers are reversed. To process correctly the cover will need to be placed on the LS template and reversed (as shown below).





Additional information about using a template

1) Spine safety area

If the cover has a spine width greater than 0.35" (9 mm), the spine safety is 0.0625" (2.00mm). If the spine width is less than 0.35" (9 mm) the spine safety is 0.03125" (1mm). The pink box presented on the template will reflect the correct safety size.

2) Bleed elements

Elements needing to extend to the edge of the cover should be taken beyond the pink safety area and to the outside edge of the blue bleed area. Artwork that extends to the bleed edge will be folded and wrapped around the case board during manufacturing.

Any elements that are not to be affected by folding or the gutter need to remain in the pink safety area.

3) Borders and straight lines

Lightning Source does not recommend using borders close to the trim / fold area of the books. This is because of the slight variances that may occur during the printing and binding process. If you choose to use a border please keep all straight edges an additional 0.125" (3 mm) inside of the pink safety areas.

4) Gutter Area

Casebound books contain an area where the spine board is connected to the front and back cover boards. This area will be pliable and have a slight indention. To ensure cover elements are not obscured by the indention, please keep all important elements outside of the gutter bleed area.

FILE CREATION GUIDE

CREATING A PDF FOR SUBMISSION

EXPORTING FROM INDESIGN

OPEN / SAVE A TEMPLATE IN PHOTOSHOP:
SIMPLEX

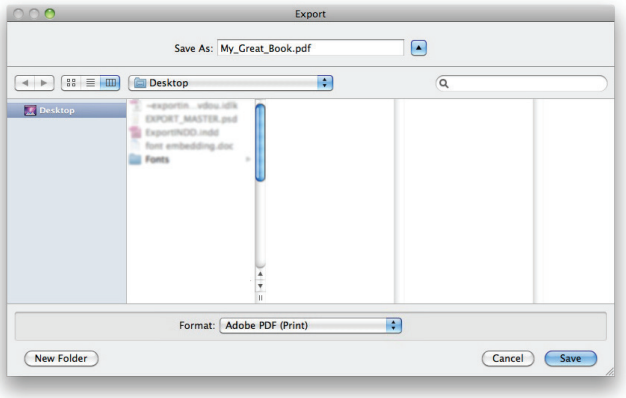
USING PDF TEMPLATES WITHIN PHOTOSHOP:
DUPLEX

CREATING A PDF FOR SUBMISSION : EXPORTING FROM INDESIGN

When using InDesign to layout a cover or interior, exporting has become a viable and recommended way of creating a compliant PDF. Below are instructions for exporting from the latest Macintosh versions of InDesign.Windows versions may vary slightly.

INDESIGN

To begin, select FILE > Export
Select a location to save your PDF
Beside “Format” select Adobe PDF (Print)
Click “Save”

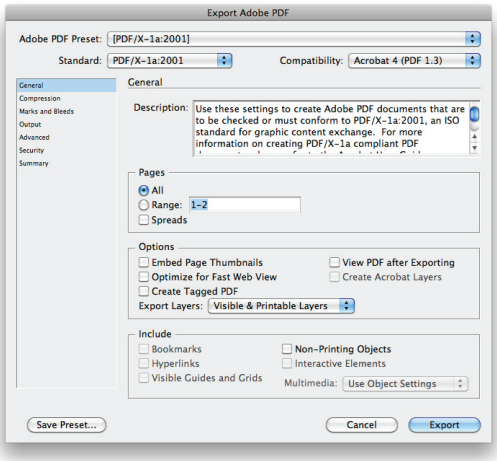


For “Adobe PDF Preset” choose PDF/X1a:2001 or PDF/X3:2002

(Please do not modify any of the default settings)

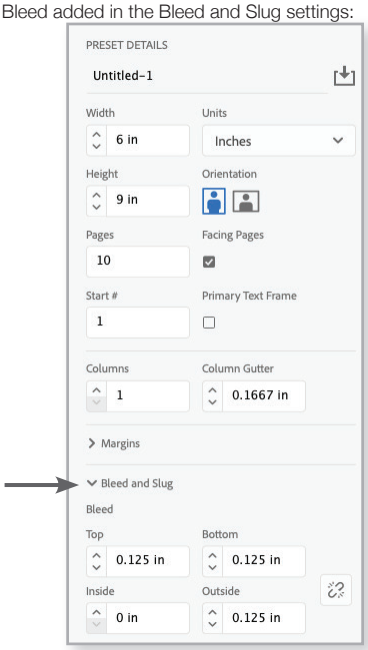
Select Export and a PDF will be created in the designated folder

For "Duplex Covers," please verify that "All" is selected under Pages.

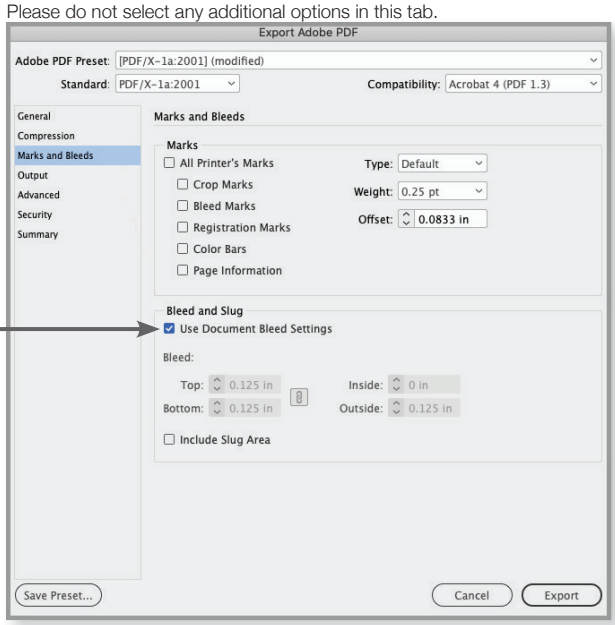


If bleed has been added through Bleed and Slug settings, the “Use Document Bleed Settings” should be checked under the Marks and Bleeds tab when exporting the final PDF.

Bleed added in the Bleed and Slug settings:



Selecting the check box will export the document at the bleed size.
Please do not select any additional options in this tab.

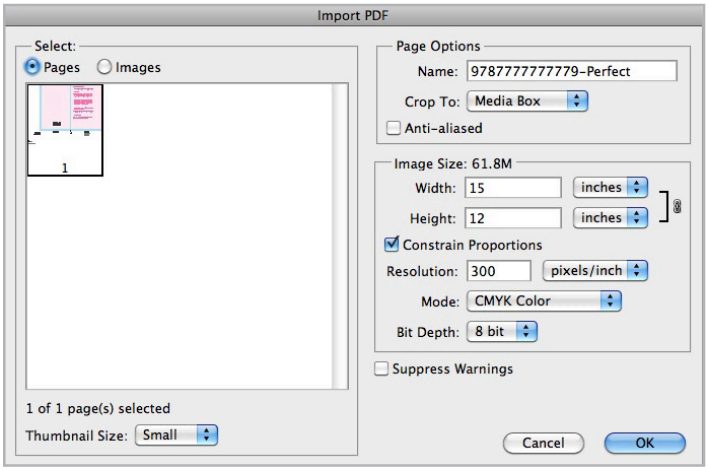


CREATING A PDF FOR SUBMISSION : OPEN/SAVE A TEMPLATE IN PHOTOSHOP, SIMPLEX

To maintain the CMYK values and ensure correct resolution and dimensions, we recommend the following procedure when opening a PDF Cover Template using Adobe Photoshop CS2 and higher.

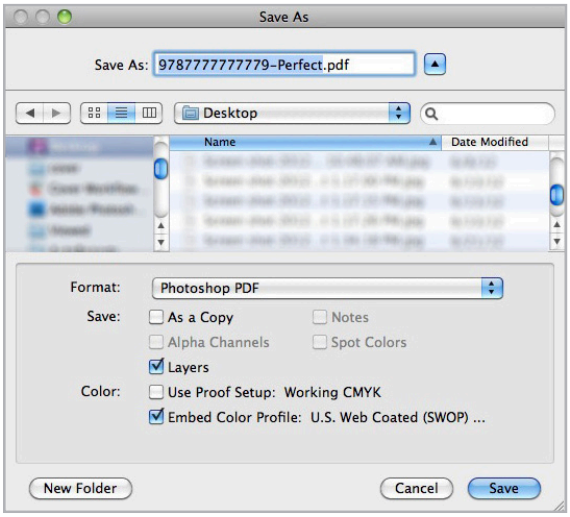
Within Photoshop, select **File > Open** and select your template file.

If opening a PDF

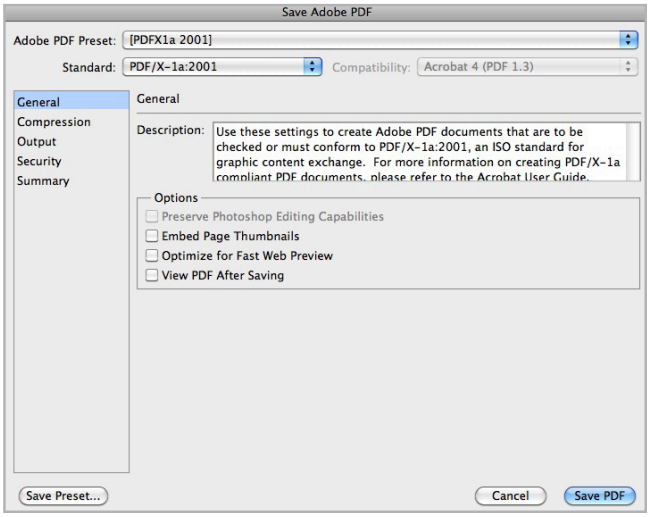


Crop To: Media Box
Anti-aliased: not selected
Image size: Info located at the bottom left of template
Constrain Proportions: selected
Resolution: 300ppi
Mode: CMYK Color
Bit Depth: 8 bit

To save a compliant PDF from within Photoshop, select **File > Save As**...



Format: Photoshop PDF
Save: As a Copy: optional
Layers: optional
Color: Use Proof Setup: not selected
Embed Color Profile: optional



Adobe PDF Preset: PDF/X-1a:2001 or PDF/X-3:2002.

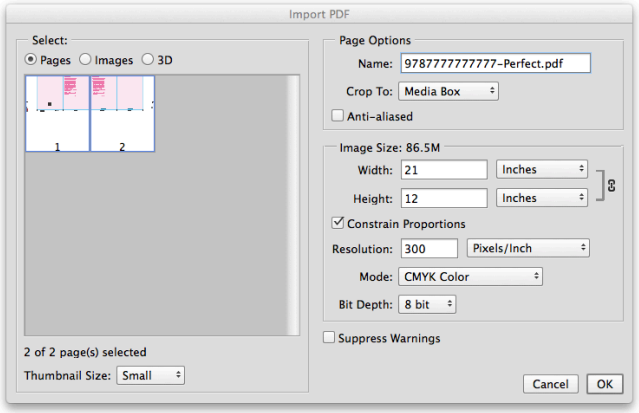
*Leave all additional options unchanged.

CREATING A PDF FOR SUBMISSION : USING PDF TEMPLATES WITHIN PHOTOSHOP, DUPLEX

To maintain the CMYK values and ensure correct resolution and dimensions, we recommend the following procedure when opening a PDF Cover Template using Adobe Photoshop CS2 and higher.

Duplex books allow for printing on the inside of the cover. Templates for duplex covers are 2 page and should be returned to Lightning Source as a 2 page PDF.

Within Photoshop, select File > Open and select your PDF template file.

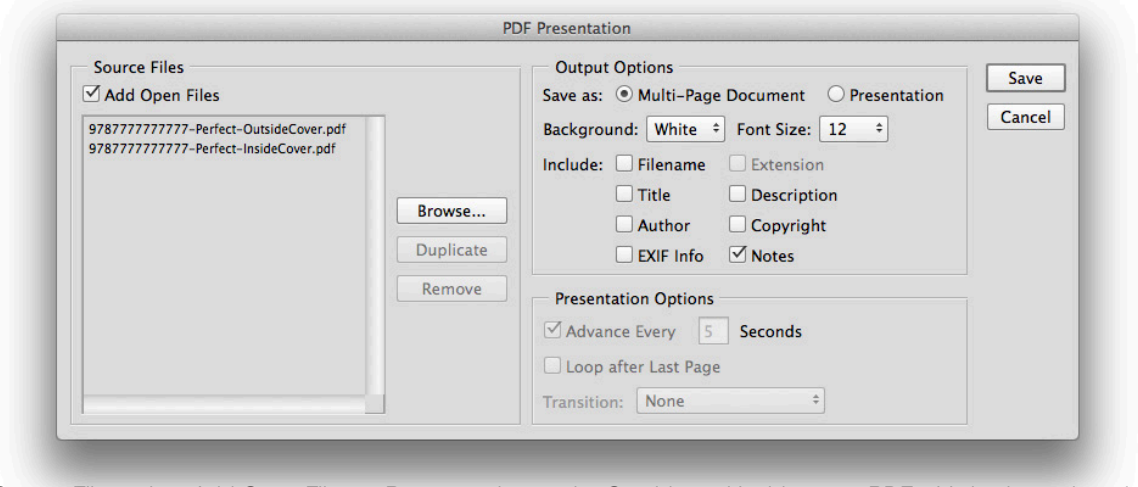


Crop To: Media Box
Anti-aliased: not selected
Image size: Info located at bottom left of template
Constrain Proportions: selected
Resolution: 300ppi
Mode: CMYK Color
Bit Depth: 8 bit

Shift click to select both images

The template will open as two separate documents. Design on each template separately and name each file so that the outside cover is different than the inside cover.

To save a compliant multipage PDF from within Photoshop, select **File > Automate > PDF Presentation...**



Under Source Files select Add Open Files or Browse to locate the Outside and Inside cover PDFs. Verify that only 2 files are listed and arrange the files listing the outside cover first.
On the right side of the dialogue box, under Output Options, select Save As: Multi-Page Document (DO NOT select Presentation)
Select Save and you will be prompted to name your file and select a save location.
Select Save again and select the Adobe PDF Preset: PDF/X-1a:2001* or PDF/X-3:2002*

*Leave all additional options unchanged.

FILE CREATION GUIDE **TRIM SIZES**

TRIM SIZE MATRIX

Note: Blank white cells indicate non-standard sizes that may be available through Custom Trim

TRIM SIZES		Product and Paper Types	B&W				Color		Premium Color
			38lb/48gsm Groundwood	50lb/74gsm Creme	50lb/74gsm White	70lb/104gsm White	50lb/74gsm White	70lb/104gsm White	70lb/104gsm White
		Page Range	18-900 pgs (PF) 18-840 pgs (HC)	18-1050 pgs	18-1200 pgs	18-900 pgs (PF) 18-840 pgs (HC)	18-1200 pgs	18-900 pgs (PF) 18-840 pgs (HC)	18-900 pgs(PF) 18-840 pgs(HC)
inches	mm	Bindtype	B&W Available				Color Available		Premium Color Available
4 x 6	152 x 102	Perfectbound							
4 x 7	178 x 102	Perfectbound							
4.25 x 7	178 x 108	Perfectbound							
4.37 x 7	178 x 111	Perfectbound							
4.72 x 7.48	190 x 120	Perfectbound							
5 x 7	178 x 127	Perfectbound							
5 x 8	203 x 127	Perfectbound							
		Case Laminate							
		Digital Cloth™ Cover (Blue/Gray)							
		Jacketed Cover							
5.06 x 7.81	198 x 129	Perfectbound							
5.25 x 8	203 x 133	Perfectbound							
5.5 x 7.5	191 x 140	Perfectbound							
5.5 x 8.25	210 x 140	Perfectbound							
5.5 x 8.38	213 x 140	Perfectbound							
5.5 X 8.5 (Demy 8vo)	216 X 140	Perfectbound							
		Case Laminate							
		Digital Cloth™ Cover (Blue/Gray)							
		Jacketed Cover							
5.83 x 8.27 (A5)	210 X 148	Perfectbound							
		Case Laminate							
6 x 9	229 x 152	Perfectbound							
		Case Laminate							
		Digital Cloth™ Cover (Blue/Gray)							
		Jacketed Cover							
6.14 x 9.21 (Royal 8vo)	234 x 156	Perfectbound							
		Case Laminate							
		Digital Cloth™ Cover (Blue/Gray)							
		Jacketed Cover							
6.5 x 6.5	165 x 165	Perfectbound							
6.625 x 10.25	260 x 168	Perfectbound							
6.69 x 9.61 (pinched crown)	244 x 170	Perfectbound							
		Case Laminate							
7 x 10	254 x 178	Perfectbound							
		Case Laminate							
7.44 x 9.69 (crown 4vo)	246 x 189	Perfectbound							
7.50 x 9.25	235 x 191	Perfectbound							
		Case Laminate							
8 x 8	203 x 203	Perfectbound							
		Case Laminate							
8 x 10	254 x 203	Perfectbound							
		Case Laminate							
8 x 10.88	276 x 203	Perfectbound							
		Case Laminate							
8.25 x 10.75	273 x 210	Perfectbound							
		Case Laminate							
8.25 x 11	280 x 210	Perfectbound							
8.268 x 11.693 (A4)	297 x 210	Perfectbound							
8.5 x 8.5	216 x 216	Perfectbound							
		Case Laminate							
8.5 x 9	229 x 216	Perfectbound							
8.5 x 11	280 x 216	Perfectbound							
		Case Laminate							
11 x 8.5	216 x 280	Perfectbound							Max 400 pages
		Case Laminate							Max 400 pages

GLOSS or MATTE lamination

DUPLEX COVERS: Perfect bound titles can be printed 4-color duplex (two-sided) covers.11" x 8.5" is not available for Duplex Printing.

PERFORATION: Perforation of interior pages is available for Color 50lb perfect bound products in limited sizes (US Only):
6" x 9", 7" x 10", 7.5" x 9.25", 8" x 10", 8" x 10.88", 8.5" x 9", 8.5" x 11"

JACKETED COVERS: Where available, Jacketed Covers can be set-up with either Case Laminate or Digital Cloth™ Covers.

CUSTOM TRIM SIZES

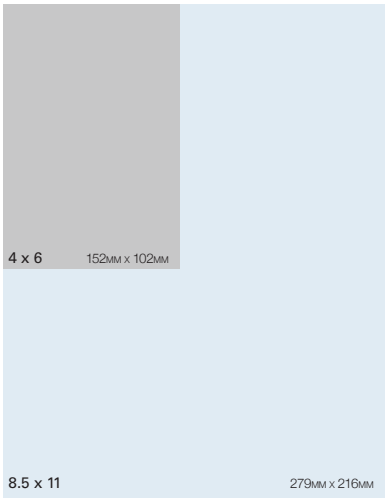
Custom trim sizes are available for Perfect Bound, Case Laminate and Dust Jacket books with size restrictions on the finished book shown below.

Perfect Bound

White Paper* & Groundwood Paper*	Crème
Widths available from: 4" to 8.5" or 102mm to 216mm Lengths available from: 6" to 11" or 152mm to 279mm	Widths available from: 4" to 6.14" or 102mm to 156mm Lengths available from: 6" to 9.252" or 152mm to 235mm

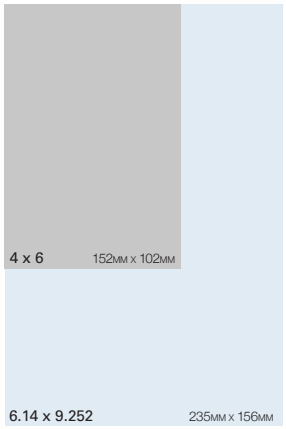
*See the diagram below for the available custom trim sizes. The finished book must fit within these size ranges.

White Paper & Groundwood Paper



Above 4 x 6, Below 8.5 x 11

Creme



Above 4 x 6, Below 6.14 x 9.252

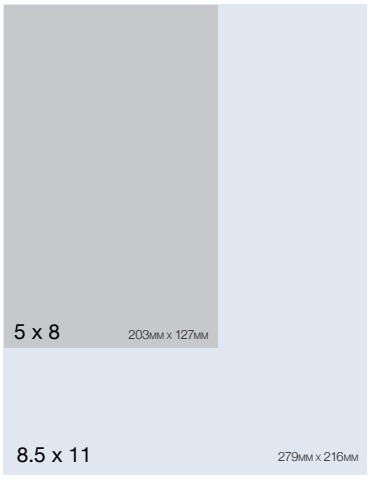
Case Laminate & Dust Jacket

White Paper*	Crème & Groundwood Paper*
Widths available from: 5" to 8.5" or 127mm to 216mm Lengths available from: 8" to 11" or 203mm to 279mm	Widths available from: 5" to 6.14" or 127mm to 156mm Lengths available from: 8" to 9.252" or 203mm to 235mm

*See the diagram below for the available custom trim sizes. The finished book must fit within these size ranges.

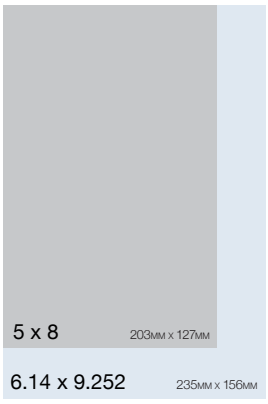
*Note that the dimensions of a Dust Jacket must not exceed the maximum size of 6.14 x 9.21in.

White Paper



Above 5 x 8, Below 8.5 x 11

Creme & Groundwood Paper

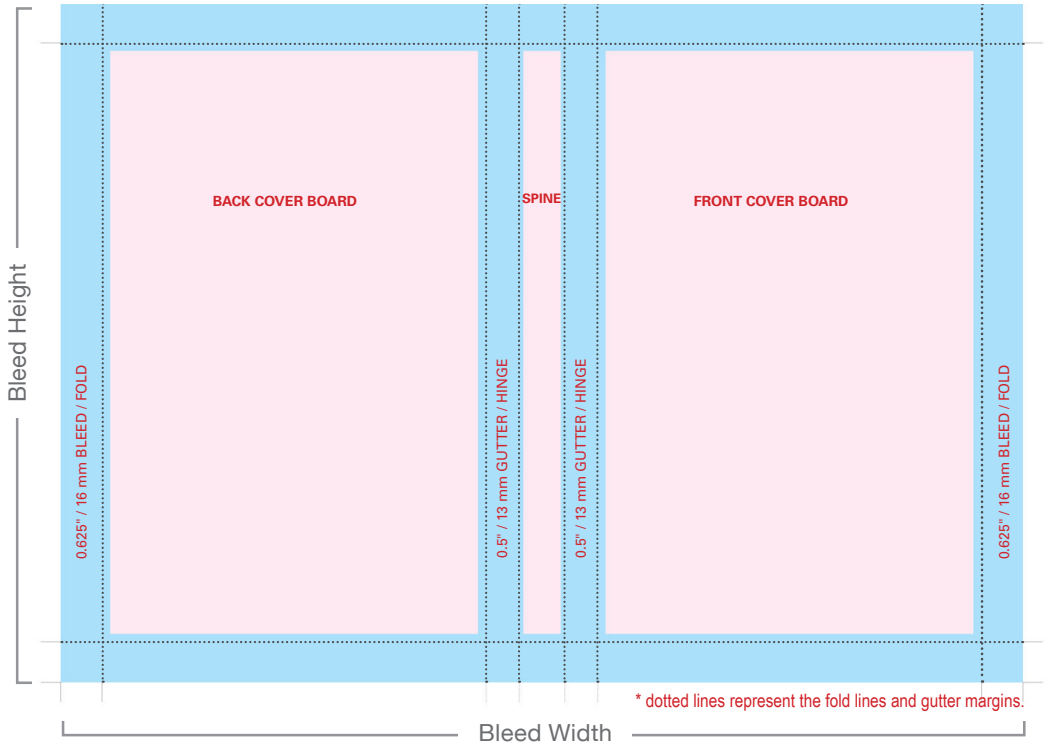


Above 5 x 8, Below 6.14 x 9.252

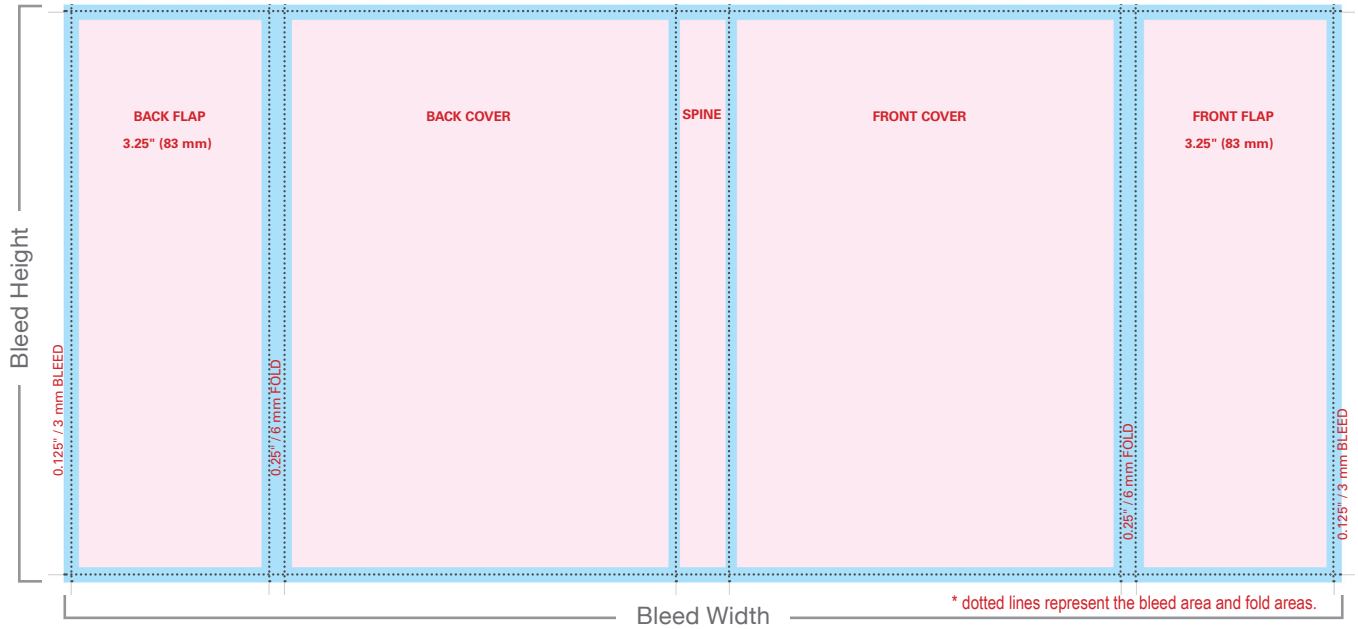
Case Laminate

The board size for a custom case laminate is calculated by subtracting: .185" (5mm) from the trim size width and adding: .25" (6mm) to the trim size height. Board sizes will be used in the formulas below to ensure that the cover file is set-up to the correct full bleed size.

Bleed Width = .625" (16mm) + Board Width + .5" (13mm) + Spine + .5" (13mm) + Board WIdth + .625 (16mm)
Bleed Height = .625" (16mm) + Board Height + .625" (16mm)



Dust Jacket

The front and back cover size for a custom dust jacket is calculated by adding: .4375" (5mm) to the trim size width and adding: .25" (6mm) to the trim size height. Cover sizes will be used in the formulas below to ensure that the cover file is set-up to the correct full bleed size.

Bleed Width = .125" (3mm) + .325" (83mm) + .25" (6mm) + Cover Width + Spine + Cover Width + .25" (6mm) + .325" (83mm) + .125" (3mm)
Bleed Height = .125" (3mm) + Board Height + .125" (3mm)