



SPECIFICATIONS FOR: DIGITAL ART FILES / COLOR SEPERATIONS

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Electronic dies on disk are available upon request, we can send them on a disk or by e-mail. This will be an EPS file to be used for placement as a template only, and must not be altered in any way.

In preparing digital art files, bear in mind that no type or art element should be closer than 1/16" (preferably 3/32") to any scores, knives or glue areas. Bleeds should extend at least 1/8" beyond all scores, knives and glue flaps Where lid bleeds intersect with dust flaps both should bleed 1/8" and the bleeds should meet at a 45° angle (see sample provided). Where there is a question about bleeds—the rule of thumb should be—it is better to bleed too much than to have the image be short or too small.

When sending files for output be sure to include all support files used (graphics, logo's, art files,etc.). Please provide all fonts used in preparing the document (both screen and printer fonts). We are a Mac shop, if you are working with a PC please convert all fonts to outlines before sending files to us. All Kanji's must be converted to outlines before the file is sent. A hard copy proof must accompany all digital files, a color proof is preferred, but a laser print will suffice. In either case all PMS colors should be annotated as to whether they will be process builds or spot colors.

The PrePress Department would prefer to provide the trapping sufficient for each specific job - taking into account the substrate to be used and the positions on the printing plates. If digital color separations are provided for output, the guidelines for color separations (see below) should be followed. If 'drop shadows' are created - they should be composed of black only. It should be understood that Utah Paperbox assumes no liability for the reproduction quality of those separations that are produced by customers or service bureaus.

COLOR SEPARATIONS:

All process separations should be **350 dpi to be printed at 175 linescreen** and should be prepared to run at the following ink densities:

Cyan	1.40 + or - .07
Magenta	1.50 + or - .07
Yellow	1.05 + or - .05
Black	1.85 + or - .15

All separations should have clean mid tones and three-quarter tones. U.C.R. (Under Color Removal) should be used whenever possible, keeping black out of the highlights, with the following total densities:

Cyan	70%
Magenta	60%
Yellow	60%
Black	90%

Total printing density should not exceed 280%

The PrePress Department at Utah Paperbox works with all current versions of popular Graphic programs.

Illustrator, Photoshop, InDesign, QuarkXpress, ArtPro, FreeHand. The PrePress Department is a Macintosh based workflow. We do accept PC files from the above program list. Please include a print out of all items provided on the disk—detailing the artwork, files contained, and the programs that were used to create.

The most common known issue in working across platform is fonts. All fonts should be converted to outlines or each font used should have an adobe macintosh equivalent. The PrePress Department **does not** accept files created in Corel Draw®, Microsoft® or any of the other desktop publishing programs.

Whenever possible create all drop shadows, glows, feathering, any transparent objects, etc. in Photoshop.

PLEASE FEEL FREE TO CONTACT US WITH ANY QUESTIONS OR CONCERNS.