

Failsafe Media Company

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CD/DVD Silkscreen Specifications

File must be supplied in one of the following formats

QuarkXPress

Adobe Illustrator

Adobe Photoshop (providing your artwork does not contain text)

Adobe Indesign

Adobe High-res PDF Files (If submitting a PDF file: all Specifications must be to the exact specifications of Failsafe Media. Failsafe cannot adjust PDFs.)

Artwork must be set in the following specifications:

- All tonal ranges **MUST** be between %15 and %85. Any art outside this range will affect final print color
- All standard text **MUST** be a minimum of 7 point. Reverse Knockout type is to be a minimum of 8 point.
- If submitting a photoshop document, avoiding placing text in Photoshop.
- Make sure all fonts and linked images are included when submitting files.
- Minimum line width is .5. Lines below .5 may not print on CD.
- Minimum line width in knockout or reverse print .75
- Avoid using solids and halftones of the same color.
- A white flood is required for all CMYK (4 color process) jobs. Also, note that when printing spot colors the color will appear different if no white flood is used.
- Only SOLID COATED ink colors from Pantone Matching system formula guide should be specified.
- PDF files must be set on a document that is 120mm x120mm. CD or DVD must be centered and follow failsafe layouts.

All files that do not meet Failsafe film specifications will be rejected by the Failsafe Art Department.

DVD/CD Printing Tips

Color Facts:

Screen printing on a disc is different from printing on paper and the results will vary from your paper proof. There will be a visual deviation between printing on paper and printing on a disc. A disc has several different types of surfaces and the printing results vary on each.

- Clear Plastic (no silver or white flood): Ink becomes transparent and tends to have a flat/dull finish. Color inks including PMS colors, lose their intensity and vibrancy.
- Metalized Area (silver): When printing halftones, the reflection of metal produces a shiny, metallic look. When printing with a solid ink, a color change will occur.
- Metalized Mirror Band: Some color change will occur.

Printing a white flood will eliminate some of the differences of printing on the different disc surface areas. A white flood gives the ink a more opaque look and keeps the colors closer to what is specified. Printing a halftone without a white flood will alter the ink color. Colors may not reproduce accurately when they are overprinted on top of each other.

Gradual fades or “vignettes” should be avoided - especially when it is a wide tonal range. Gradual fading of halftones is not recommended. Dot gain and tonal jump will occur. Dot gain is when ink dots print larger than they should and begin to blend together causing darker tones and stronger colors. Tonal jump is the appearance of very pronounced rows of dots when trying to fade from light to heavy.

Tonal Ranges:

Tonal ranges are the measurement of screen value in any one given place. Less than 15% concentration of dots will cause image loss during printing. Because of the potential of dot gain during silk screen printing, values greater than 85% concentration of dots will cause parts of the image to close in and appear splotchy. This can occur in halftones, solid backgrounds and especially graduated fades. Values outside this range are at the customers own risk.

All Failsafe Layouts and Specifications can be found at www.Failsafeinc.com, follow links to downloads and then download specifications sheets and templates.