

# Supplied Film Specifications and Printing Specifications for CD-R's and DVD-R's (duplicated disc's)



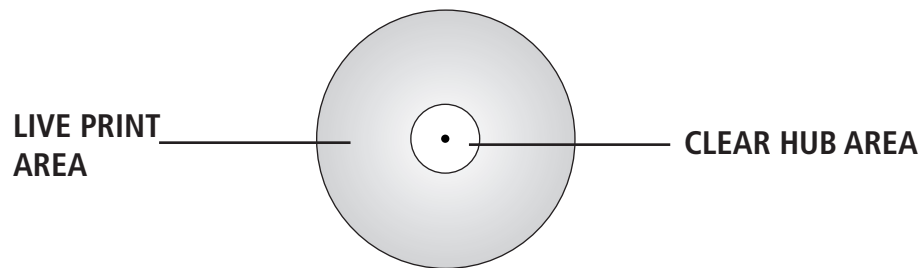
Film Specifications

**VSG prefers to output all films to meet our printing specifications.** In the event that supplied films must be used, please call in advance to get the proper dot shape and screen angles for each color separation. Color separations must be clearly labeled with registration marks. If a white flood is to be used, a film separation for the white flood must also be supplied. Film separations can be made using CMYK or Spot colors. Please choose spot colors from the Pantone Coated Swatch palette. Vector text and logos are preferred for screen print artwork. Film is to be output as right read / emulsion up positives.

Screen Printing  
CD-R/DVD-R

## Screen printing on CD-R's or DVD-R's

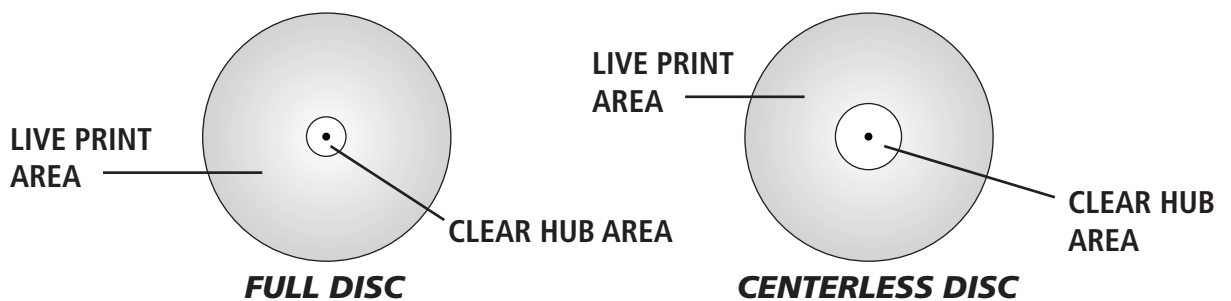
Artwork for screen printing duplicated disc's should be set up using the same specifications as replicated disc's regarding image resolution and color space. (300dpi and CMYK). The live print area dimensions for CD-R's and DVD-R's are different than the dimensions used for screen printing on replicated disc's. Templates for screen printing on CD-R's and DVD-R's are available on our website for download. *Please note: on CD-R's and DVD-R's, we cannot print all the way in to the center hole. Artwork must stop printing at the clear hub area.*



Inkjettable  
CD-R/DVD-R Media

## Inkjet printing on CD-R's or DVD-R's

Artwork for inkjet printing should be set up using the same specifications as replicated disc's regarding image resolution and color space. (300dpi and CMYK). The live print area dimensions for CD-R's and DVD-R's are different than the dimensions used for screen printing on duplicated disc's. Templates for inkjet printing on CD-R's and DVD-R's are available on our website for download. A full disc version and centerless version are available for printing on inkjettable media for both CD-R and DVD-R.



## Black Thermal printing on CD-R's or DVD-R's

Artwork for Thermal printing should be set up as black and white only. High resolution, bit-mapped images are used for the thermal printing process. Artwork should be set up using the thermal printing template available on our website for download. A white flood is not possible when using the thermal printing process. Artwork prints on the silver mirrored surface of the disc only and should not go into the clear hub or ID band area of the disc.



BLACK ONLY  
ARTWORK =  
ACCEPTABLE



GRAYSCALE  
ARTWORK =  
UNACCEPTABLE

