



Specification for a CD/DVD - Offset

Delivery of the data:

Format: PDF (preferred) and Photoshop.

Color: 6 colors are possible in one printing process (4 colors Euroscale in offset printing plus 2 special colors in screen printing).
Up to 7 colors are possible if the white surface (this is not possible with a partial white motif) is pre-printed separately.

Print order:

1st color (1st screen printing unit) e.g. white background

2nd - 5th color (4 offset printing units) only Euroscale

6th color (2nd screen printing unit) e.g. gloss varnish or special color

Print image: The printable area is 117.25 mm in diameter with an inner hole cutout of at least 18 mm. With inner hole cut-outs which are less than 18 mm, clean printing in this area can no longer be guaranteed. Likewise, with CD printing in the interior area from 32 to 34 mm, 100% clean printing cannot be guaranteed. Text elements such as a round text on the CD / DVD should be placed at least 2 mm from the outer edge.

Line width: The line width should not be less than 0.15 mm.

Font size: The font size should not be less than 4 points.

Colors: The data should be created in CMYK. We convert RGB data into current profiles, which might change the outcome of the color. Special colors should be delivered in either Pantone or HKS colors. If possible, only create gray tones in black. Shades of gray made of more than one color tend to lead to a color fluctuation during printing. Large black areas or large and bold black fonts should be underlaid in the remaining 3 colors. The ideal would be 70% tonal value in cyan, magenta and yellow and 100% in black.

Resolution: The embedded image data should have a final image resolution of at least 240 DPI. Otherwise a visible stair formation might occur.

Screen: We print in offset printing with a 70 screen (175 LPI).

Print samples: As print samples we only accept digital proofs that are issued with an ISO-coated profile and with a measurable color wedge or already printed templates. Normal color printouts do not work as print samples. Please consider that there might be differences between paper printed matter or digital proofs comparing to the CD/DVD print.

Blanks (CD-R): Please read the specification for blank printing.

Specification for a CD/DVD - Offset

■ printable area = 117,25 mm
recess of the center hole = 18 mm

■ transparent interior = 36 mm