

1. Print Format

	CD 12	DVD 5 & 9
Inside diameter	23 mm	21 mm
Outside diameter	116 mm	116 mm

2. Print Specifiation

- Line Width: $\geq 0,15$ mm positive
 $\geq 0,10$ mm negative
- Text Size: $\geq 4,5$ p positive (line width $\geq 0,08$ mm)
 ≥ 5 p negativ (Line width $\geq 0,10$ mm)
- Raster: 80 lines / cm
- Trapping: approx. 0,10 mm for images and line elements
- Image Resolution: colour- and shades of grey images = 300 dpi
black and white images = 1.200 dpi

3. Printing Ink

- Colour Quantity: 1 – 6 colours
- Printing Sequence: 1 colour = silk print (white or spot colour)
2 – 5 colours = dry offset print (Y, M, C, K)
6 colour = silk print (spot colour)
- Colour Space: CMYK = Cyan, Magenta, Yellow, Black (Euro Scale)
- Spot Colours: Pantone (solid coated, metallic coated)
HKS (HKS K) – other set of progressives are possible on request

4. References

- Artwork: Only colour proofs that were created with the profile ISOcoated_v2_eci.icc and contain a V-head shall be used as artwork
- Label Elements: If the label contains only text, lines and full surface elements, it is recommended to use silk screen printing with spot colours.
- Deep Black: In order to achieve a deep black with the dry offset printing, the black text, lines and surface elements must be in line with 60% Cyan, 60% Magenta und 60% Yellow.
- Background: A background colour (e.g. white) must be pre-printed in order to avoid a metallic effect in the label print, caused by the metallic surface of the CD & DVD.
- Line width: The selected font and text size shall not go below the minimum line width.
- Colourfulness: Due to the metallic surface of the CD & DVD, the hue of the printed spot colour on the CD & DVD can differ from the hue of the colour guide.