



Data requirements for DIGITAL PRINTING

Vector data

- » Adobe Illustrator, Adobe InDesign, Packz or ArtPro with layers (size artwork 100 %).
- » Fonts are converted into vectors.
- » Punching contours are named as „punch“ and prepared as a separate solid colour and set to „overprint“.
- » The colour of the data is 4c Euroscale according to ISO Coated v2 (CMYK), no spot colours (Pantone, HKS or similar) (**Exception:** If in certain individual cases the data is only available in spot colours, a colour conversion to 4c might be an option.).
- » Please create elements made of pure black in 100 % K (100 % Black).

CAD data (cutter)

- » PDF and CF2 (CF2 incl. double crease lines)
- » Single use
- » Sheet incl. web layout
- » Dimensioning, flute marks and gripper labelling should be included

Image data

- » Adobe Photoshop in original size with 300 dpi (min. 150 dpi) and layers in colour profile ISO Coated v2 (CMYK).

In addition to the print data

- » High-resolution PDF-X4 version 1.7 (artwork 100 %) embedded images (300 dpi [min. 150 dpi] resolution).
- » PDF for viewing.

For production - Standard setup Christiansen Print

(If there are any deviations, please indicate these as specifications.)

- » Line thickness for lines and lettering: positive = min. 0.2 mm / negative = min. 0.3 mm.
- » Minimum size for GTIN13 (EAN13) SC3 according to barcode standard (see PDF EAN13 template).
- » White space and capping for GTIN13 (EAN13) according to barcode standard (see PDF EAN13 template).
- » Overprint must be located at least 10 mm away from the bleed.
- » Overprint over crease lines in the die-cut by 10 mm (bottom crease, glue flap, etc.).
- » Adhesive surfaces must not be filled completely with ink, only 10 mm overprint.
- » 10 mm spacing from creasing and die-cutting contours to motifs / logos / lettering.
- » Less than 10 mm spacing to creasing and punching contours by arrangement.





General information on digital printing

- » When assembling the artwork, make sure that elements do not end directly on the creasing and die-cutting lines and that no elements of different colours are contiguous for the sheet and web layout assembly.
- » Trapping is not necessary in digital printing.
- » Gold, silver, white and partial varnish cannot be realised 1:1 in digital printing. However, metallic colours can be simulated in 4c. (ATTENTION! A data check is required for a sell-by date field or other imprints.).
- » Only full-surface gloss or matt varnish can be used as varnish. For special lacquers, please get in touch with your Christiansen Print contact person.
- » Special colours (Pantone, HKS or others) can be converted in CMKY. Although, there may be colour deviations in the representation.

Contact

Digital printing

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