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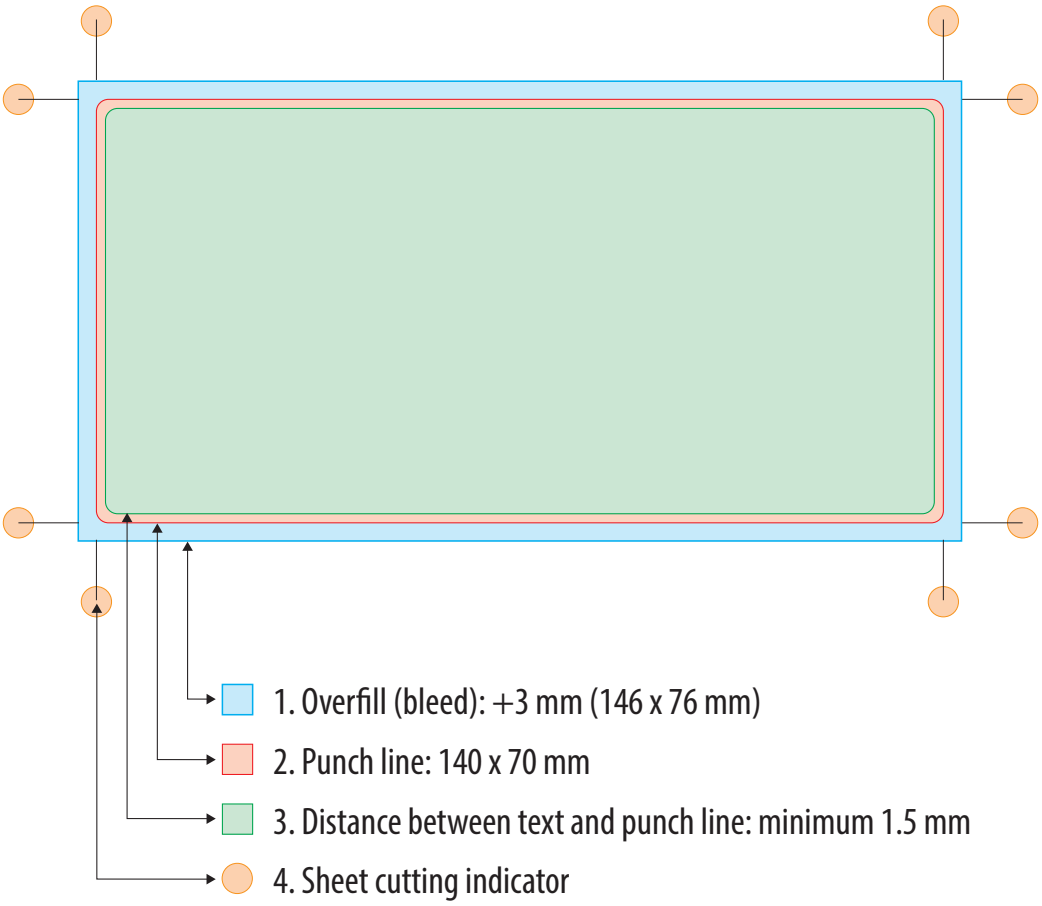
Guideline

Data preparation for packaging print products

Depiction of ideal data preparation: e.g. size 140 x 70 mm



Print Data Specification:

Software versions for data submission

Adobe CC 2026

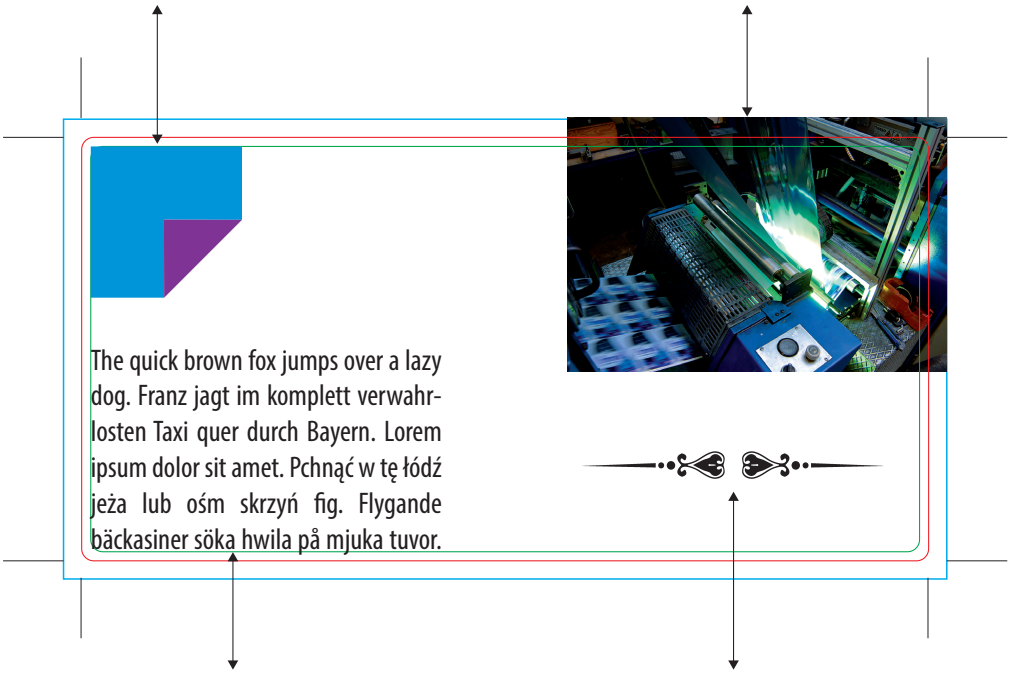
Art Pro Version 23.11

Art Pro+ Version 26.07

PDF-X4

Vector files (any scale)
Objects without bleed
(Minimum distance to punch line 1.5 mm)

Image in CMYK-mode (no RGB)
Minimum resolution 300 dpi (scale 1:1)
Please ensure that background elements include 3 mm overfill.



Text: Minimum distance to punch line 1.5 mm
(Don't forget to take corner radius into consideration)

Decoration elements as Bitmap-files
Ideal resolution 1200 dpi (scale 1:1)

Important notice: Please make sure that text elements are solely generated by layout software like Illustrator, InDesign or X-Press.

Please refrain from using Photoshop for text elements: Any text that is turned into an image file will no longer be modifiable, leading to major problems in print quality. It will no longer be possible to adapt or modify the chosen font. In addition, readability and accurate depiction suffer dramatically (see example):

Vectorized text

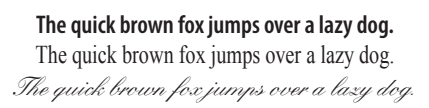
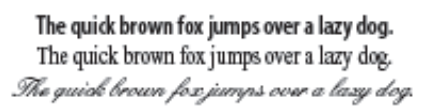


Image-file text



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Data quality:
Image resolution 300 dpi
Line resolution 1200 dpi
Punch line to be clearly indicated in extra colour
Background elements including 3 mm of overfill
All other elements keeping a minimum distance of 1.5 mm to punch line (e.g. text, logos…)
Hair line size: Positive, 1-coloured elements: Minimum 0.1 mm,
Negative, 1-coloured elements: Minimum 0.15 mm
Hair line size: Positive, 2-coloured elements: Minimum 0.15 mm
Negative, 2-coloured elements: Minimum 0.20 mm
Type size: Positive 3 Pt., Negative 4 Pt. (1 colour), Negative 5 Pt. (4 colours)
CMYK-mode (no RGB), please clearly indicate special colour requests (Pantone, HKS)
Print standard ISOcoated_v2_eci.icc
Barcode size / Barcode requirements: Please refer to http://www.gs1.com

Hotfoil Embossing: Positive 0.1 mm / Negative 0.2 mm

Data submission: preferably in PDF-X4

Data control: according to submitted print-outs.

Colour control: according to submitted proofs.
Please be aware that only proofs according to ISO 12647-8 shall be accepted
(Reference profile ISOcoated_v2_eci.icc) FOGRA Media part: CMYK V. 3.0 printed
Upon request, we will gladly print your proofs (according to international guidelines
FOGRA and ISO 12647-8).

Layout data:
If you wish us to do so, we are happy to set up data for optimum printing preparation of your orders. Please refer to the contact details below.

Insufficient data:
Upon request and if feasible, insufficient data not meeting technical standards shall be improved by our experts. Otherwise, data will have to be replaced. Please note that data improvement will be invoiced accordingly.

Any questions, please do not hesitate to contact:

Kurt Brandner:	Tel.: +43-1-616 36 38-701	E-Mail: kurt.brandner@ulikett.at
Othmar Figl:	Tel.: +43-1-616 36 38-702	E-Mail: othmar.figl@ulikett.at
		litho@ulikett.at