

Data Delivery

Valid from February 1, 2020



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General – Data Transmission

Christinger AG druckt nach dem Prozess Standard Offset (ISO 12647-2:2013).

There are various routes for transmitting your data to us:

- E-Mail to your person of contact (max. 35 MB)
- FTP-Server (please ask your person of contact for access)
- WeTransfer download link, CD-ROM, DVD or USB-Stick

Standard	Our PSO certification ensures that quality in compliance with the latest standards – starting with data handling, through to proofs and finally printing – is upheld and that every quality check operates flawlessly.
PDF	To help us keep your production costs as low as possible, we recommend that you supply us with PDF/X-4:2010 files that are print ready. PDF/X-4:2010 files are binding for us; the responsibility for producing these lies with the client. Further information about this standard is given further on in this document and at www.pdfx-ready.ch .
Software	We always work with the newest versions of Adobe CC.
Proof	Proof When ever possible, please include a color-proof print. Only proof prints in accordance with the ISO-Standard 12647-7:2016 are binding color-proofs. Laser or other prints only serve for visual control and are not color-proofs. We measure the UGRA/Fogra Media Wedge 3.0.
Fonts	Include all used fonts or convert the data into vectors/paths. Precaution is needed with very small type or fonts with fine serifs – depending on the print, further evaluation may be necessary.
CI/CD Manual	If available, please provide us with the corporate identity (CI) or corporate design (CD) manual.
Colors	Whenever possible, work in CMYK-Color-Mode. In case you are unsure of the conversion from RGB to CMYK, we will be glad to assist you. When working with B/W images, we recommend working in grayscale. Pantone colors are blended colors which may not be accurately reproduced in the CMYK-Color-Mode. Please be aware of this when choosing pantone colors.
Trim	Depending on the paper or card stock, application and processing, a trim allowance of 3 to 50 mm will be needed. We will be pleased to provide you with the required trim allowance for your order.
File Name	Avoid using special characters (e.g. /, *, \$, %) when naming your file and keep the name shorter than 30 characters. This ensures at files can be transferred between Mac and PC platforms.
APG Posters	When creating posters intended for display, you must comply with the dry formats specified by APG or Clear Channel. The respective information can be found in this document, at www.apgsa.ch and at www.clearchannel.ch . Please send the information as a single file.



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General – Data Transmission

Data import/export for cutting texts and logos

- Convert text and fonts to path
- Remove guides
- Convert lines into outlines
- Pathfinder (converge)
- Please note that each line in the path view corresponds to a single cut.
- Min. cap-height: 10 mm
- Min. line width: 1 mm
- Save as Illustrator-EPS Version 8
- Please also send a PDF for checking purposes.

Generating a cut contour

- The cut contour must be created as a path and be in the foreground
- The line width may not exceed 1 pt and must be at least 0.25 pt
- Colour and name: The colour can be any solid colour; the colour name must be defined under “CutContour” and set to “CutOut” mode

White printing

- The elements to be printed in white must be on a separate layer
- The white needs to be 0.2 mm smaller than the object
- Colour and name: The colour can be any solid colour; the colour name must be defined as “White”
- Best practice is to send us all the creation data, including all the links and fonts

Questions

If you have further questions, do not hesitate to contact us. We will be glad to assist you.



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Digital Print

Images

As a minimum, the following guidelines must be observed:

- Megaposter at least 30 ppi on the final format
- For all other systems we require at least 120 ppi on the final format

Image Compression

Tiff-Images can be compressed with LZW. With EPS-Images we recommend JPEG with high quality. When using other compression processes we can not guarantee for the correct color and detail reproduction. If you are using a type of compression, clearly indicate this in the file name (e.g. Example-LZW.tif / Example-JPG.eps).

Trapping

Trapping is not required for digital prints and can be disturbing. Please regard this when working in programs such as Illustrator, InDesign, Quark etc. If you are uncertain, we recommend changing your settings to exclude trapping. In certain programs trapping is enabled as a preset.

Proofing

We can offer you the following options for proofing:

- A3 Proof Print in accordance with ISO 12647-7:2016
- Printout on the system
- LowRes-PDF by eMail



Screen Printing

Data	For screen printing open data is preferred, because it allows us to modify the over and under laps the highlights as well as the depths of the printing system to match the application.
Proofs	Whenever possible, please include a color-proof print. Only proof prints in accordance with the ISO-Standard 12647-7:2016 are binding color-proofs. Laser or other prints only serve for visual control and are not color-proofs. We measure the UGRA/Fogra Media Wedge 3.0.
Print Size	max. 1600 x 700 mm
Print area	max. 1400 x 650 mm
Spot Colors/Lacquers	It is possible to print all spot colors or lacquers; we just require an accurate definition of color or a binding color-proof.
Screen Grid	18er/21er
Images	For screen printing, 100 ppi on the final format.
Trapping	Please contact us regarding trapping. Depending on the image, the substrate and size, trapping must be handled differently.
Proofs	We can offer you the following options for proofing a screen print: <ul style="list-style-type: none">• A3 Proof Print in accordance with ISO 12647-7:2016• LowRes-PDF by eMail



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General information about using PDF files:

- PDF** The portable document file or PDF was designed primarily to facilitate a platform-independent exchange of data in office environments. The graphic design industry had little or no input in its specification process. A standard PDF document can contain form fields, elements can also be marked using proofing tools and notes can be added. Additional possible functions include the linking of multiple pages within a document, the insertion of hyperlinks and even the use of video and sound. For the purposes of data exchange in the graphics design industry, functions like these are undesirable and even associated with numerous sources of error.
- PDF/X-1** PDF/X-1 originally came from the USA, but was not 100% compliant with European standards. PDF/X-1 files support CMYK image data exclusively.
- PDF/X-3** Olaf Drümmer and Stefan Jaeggi developed a standardised format known as the PDF/X-3 which was designed to allow the use of not only CMYK but also RGB image data with an associated ICC profile, CIELAB as well as spot colours.
Caution: A PDF/X-3 file may still contain images whose resolution is too low, i.e. 72 ppi, yet will remain compliant with PDF/X-3 specifications.
- PDF/X-4** The previously named PDF/X versions do not allow scope for transparency within the PDF. This means that any transparency reduction will need to take place very early in the production process, preferably during the PDF creation stage. However, since this caused problems in the past and a flattened PDF was unable to be processed any more, the further development of this format is focusing on making transparencies permissible. Pre-press processing has been revolutionised since Adobe's release of the APE or Adobe Print Engine. This engine now allows raster image processing (RIP) to use native PDFs directly.

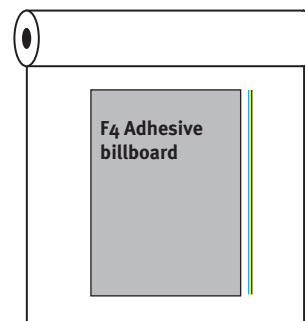
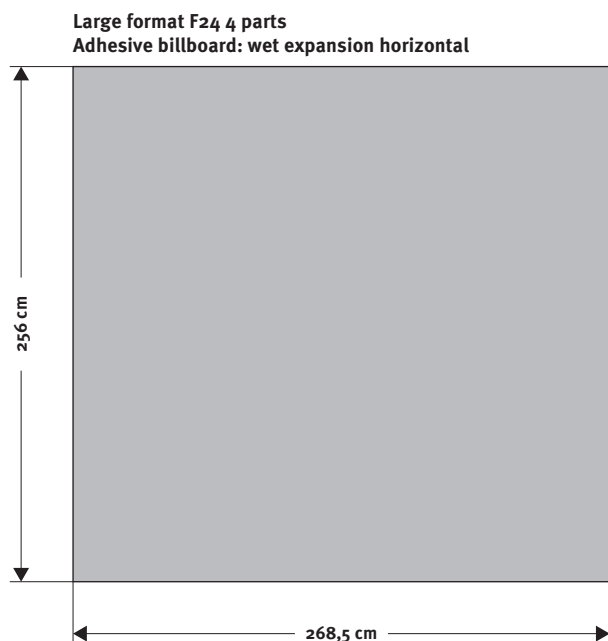
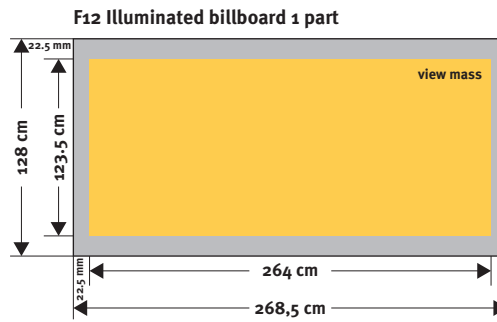
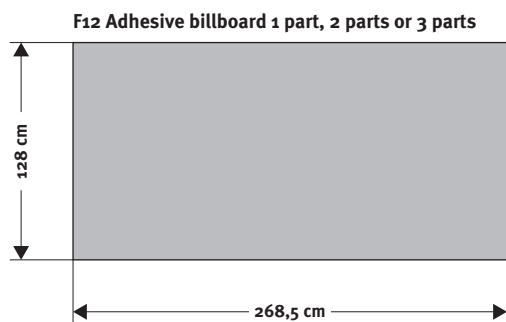
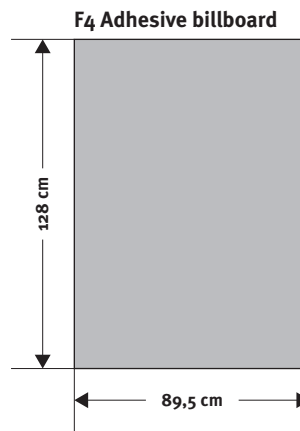
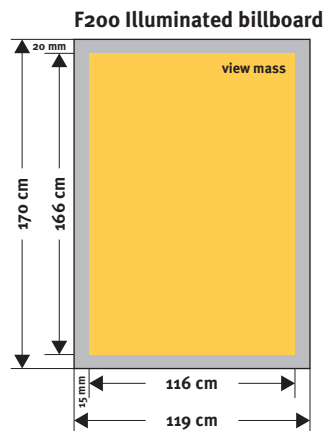
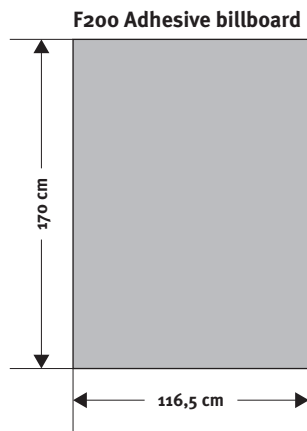
Creation of PDF/X files that are compliant with the ISO standard

Standard-compliant profiles that have been prepared for work ensure that image resolutions and compressions are set correctly, that fonts are embedded, and that the appropriate output intent is assigned. This provides the file recipient with certainty that a PDF/X file will at least meet the technical quality requirements for commercial printing.

Test profiles as well as further information can be found at www.pdfx-ready.ch. The settings and formulations are intended primarily for offset printing, but are also suitable for digital printing.



Format



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