

To create exposable and printable data based on your layout files, those are subject to special conditions. We prefer to receive PDF-files created by using our guidelines and joboptions. You will find more information about our *PDF S+T-Conform* in the next chapter. Considering additional work we can also handle open files nearly out of all popular dtp-programs. If there are any further questions concerning data-transfer feel free to contact us.

## ● PDF-files (*PDF S+T-Conform*)

If you would like to deliver PDF-files please do not use PDF-version 1.3 or saving options like PDF X1A or X3, because they do not support any transparencies which results in the limitation of editing. Attached you find our pdf-export preferences *PDF S+T-Conform* for the Adobe Creative Suites and on page 3 details about creating pdf-files we can handle best to accelerate the workflow as well.

## ● Programs:

- ArtPro-files and the Adobe Illustrator file-format are preferred
- Furthermore you can deliver files nearly out of all popular dtp-programs, always current program versions:
- Mac OSX: Adobe Creative Suite 1-3, Macromedia FreeHand, QuarkXPress, ArtPro, MS Office
- MS Windows: Adobe Creative Suite 1-3, Corel Draw, MS Office

## ● File:

- Deliver all used fonts or simply convert the textes into paths before you finally save your layout-file.
- All linked files have to be delivered or imbedded into the layout-file.
- Non-printing, unnecessary elements or empty layers have to be deleted.
- Filenames have to be saved with suffix, containing information on the program (e.g. Layout.ai).
- File-format, file-version and the used Operating System (OSX or Windows) have to be indicated.

## ● Document size:

- The document size should be similar to the total printing size.
- The cutter profile has to be placed exactly on document size.
- The creation of at least 5 mm bleed is required.
- Important elements have to be placed at a distance of at least 3 mm to the cutter.

## ● Colors

- Do only use CMYK and/or special colors like Pantone or HKS.
- Non-printing colors have to be deleted (except e.g. cutter profile).
- Do not use any RGB-elements.
- The cutter-profile should not be colored in any of the printing seperations. For the cutter-profile please create an additional separation called „Cutter“ e.g.
- Important: The cutter-profile has to be overprinting and not sparing the other seperations.

## ● Images

- The resolution in original, placed size has to be 300 dpi or more. 1Bit-Tiffs need a minimum of 800 dpi.
- If special colors are used in images, make sure that they are identifiable without opening the file e.g. by using a suffix like filename.dcs
- For corrections, please enclose PSD-files with layers additionally.
- Do only use lossless compression-methods (e.g. LZW).
- JPEG-compression causes a loss of quality. Do only use this with saving in best quality.

# Guidelines for digital data-transfer

Following kinds of data-transfer are possible:  
via CD, DVD, FTP or E-Mail.  
The servers are available 24h a day.

## ● CD/DVD - Prints/Proofs

Please send a Proof, print or a screen-PDF  
for data-comparison to:



Druckvorstufe Offset  
Dürener Straße 12  
D-52428 Jülich

The check of your files is executed inhouse by:

Mr. Dominik Korsten  
- Inhouse Repro Manager -  
Tel.: +49 2461 684 180  
Fax.: +49 2461 684 185



S+T Reprotechnik GmbH  
Helmholtzstraße 35  
D-52428 Jülich

## ● S+T Upload via FTP-Client

- Do only upload zipped files (.zip or .sitx) with short, project-related file-names.
- Adress: ftp://217.7.140.35
- User: Merlin
- Password: WellGpSt08

## ● Upload S+T-Server via Browser:

- Do only upload zipped files (.zip or .sitx) with short, project-related file-names.
- In your Internet Explorer go to: [https://217.7.140.37/dana-na/auth/url\\_default/welcome.cgi](https://217.7.140.37/dana-na/auth/url_default/welcome.cgi)
- User: upload
- Password: ulst10
- Now you can pick the file from your harddisk which you want to upload .
- If the upload is completed you get the message: „Die Datei xy wurde erfolgreich hochgeladen“.  
(File xy uploaded successfully)

## ● Download S+T-Server

- For downloading files from the Server you receive an E-Mail containing a link.
- No identification is needed.

## ● E-Mail

- You can also send your layout-files with a size up to 5 MB to the following addresses:

Heike.Maintz@gissler-pass.de

Krzysztof.Piechaczek@gissler-pass.de

Walter.Corbet@gissler-pass.de

## ● If there are any questions feel free to contact us:

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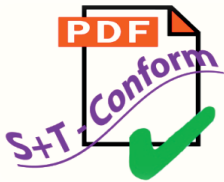
Mr. Walter Corbet

- Print Process Management -

Phone: +49 2461 684 145

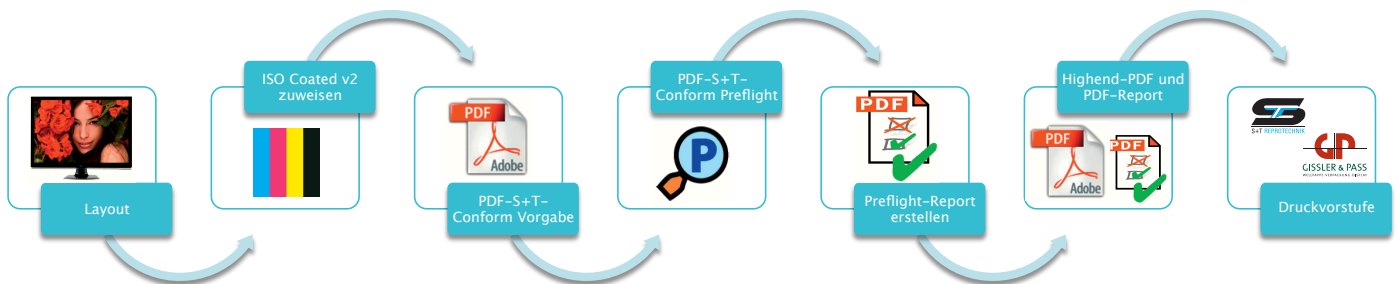
Fax.: +49 2461 684 185

E-Mail: Walter.Corbet@gissler-pass.de



# PDF-Export „S+T-Conform“

To create exposable and printable data based on your layout files, those are subject to special conditions. We prefer to receive PDF-files created by using our guidelines and joboptions. In the following you will find more information about creating a „PDF S+T-Conform“. In our guidelines for digital data-transfer you will find supplementary details. If there are any further questions concerning data-transfer feel free to contact us.



## ● ICC-profile „ISO Coated v2“

You should assign the color-profile „ISOcoated\_v2\_eci.icc“ before exporting the PDF-file out of the layout-programm to get an approximate preview of the offset color space with reference to FOGRA 39. The layout-file should not be converted into the profile. The profile should just be assigned. Attention: The color-profile has to be embedded into the PDF-file.

## ● PDF-S+T-Conform.joboptions

The file „PDF-S+T-Conform.joboptions“ defines important preferences for the creation-process of the PDF-file. You can import these settings via Adobe PDF-preferences into the creative suites. Before exporting you can then choose „PDF-S+T-Conform“ from the different export-settings.

Please do not use these setting in conjunction with Adobe Distiller, because this does not support transparencies. Attention: The setting creates a trim box and a bleed box. The trim box (document size) should be similar to the total printing size and the cutter profile has to be placed exactly on document size. The bleed box creates a second box with additional 5 mm on each side (the creation of at least 5 mm bleed is required).

The cutter-profile should not be colored in any of the printing seperations. It also has to be overprinting and not sparing the other seperations and should be created in an additional layer.

## ● Preflight mit Adobe Acrobat

The file "PDF-S+T-Conform Preflight.kfp" is a preflight-setting for Adobe Acrobat. You can import this into Adobe Acrobat via „Preflight-options“ -> „import preflight-profile“.

This profile identifies for example problems concerning colors, fonts, resolution, PDF-version or document-size. Attention: Please keep in mind that this profile is not able to correct the checked PDF-files. It's assignment is only to point out whats wrong with the PDF-file. In case of any problems you should correct the artwork in your layout-file and check the PDF-file a second time. If you get an „OK“ you should export the protocol as a PDF-file and deliver this additional to the Highend-PDF-file to our PrePress.

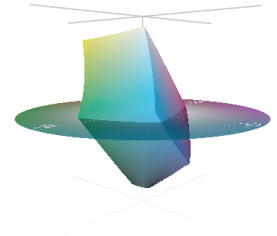
**Advise: The content of the PDF-file has to be existend in highend-quality and should not be flattened. (PDF-version 1.5 or higher including layers).**

# References for color-proofing in ISO offset standard

Below you find information about creating color-true proofs for Gissler + Pass offset. Please check your proofing-workflow and customize if necessary.

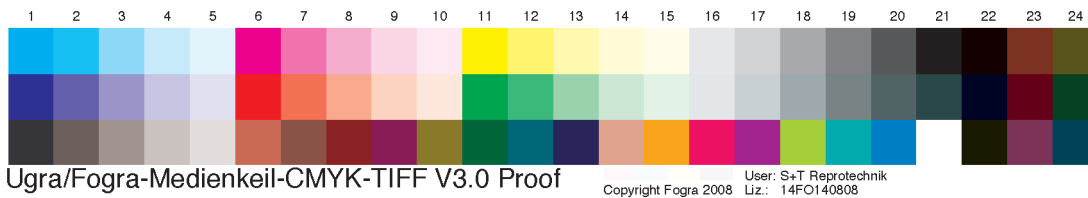
## Color-space

- Color-true proofs have to be created in „ISOcoated V2“ color-space.
- You can download ISO-colorprofiles from the ECI\*.



## Checking

- The Uga/Fogra media-wedge is a save medium for checking color-fidelity and should be printed on every proof which is delivered to Gissler + Pass.
- You can acquire the license from the Forga. ( [www.forga.org](http://www.forga.org) )



## Labeling

- To ensure the process of ISO offset standard the proofs should be checked and labeled with the results of measurement before delivering them to Gissler+ Pass.

Gesamter Keil			Status	Feld [A1]		
Durchschnitt	(avg $\Delta E < 4,0$ )	1,61 ✓	OK	L	56,22	$\Delta L$ 1,22
Maximum	(max $\Delta E < 10,0$ )	4,02 ✓		a	-38,68	$\Delta a$ -1,68
Primärfarben	(max $\Delta E < 5,0$ )	2,11 ✓		b	-49,62	$\Delta b$ 0,38
Bedruckstoff	(max $\Delta E < 3,0$ )	1,62 ✓		$\Delta E$	2,11 ✓	

## If there are any further questions feel free to contact us:



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\* The European Color Initiative (ECI) is a group of experts, working on device independent processing of color data in digital publication systems. ( [www.eci.org](http://www.eci.org) )