

File Formats and Definitions

Raster DCS-2 Files

These files must be 100% complete and ready for output, containing only Raster Data.

- All DCS files must have a consistent height and width in order to impose the job correctly.
- Non-conforming Ads or Pages will require placement into a page layout application for correct positioning. This will incur additional charges for Desktop placement.
- The entire job must be supplied as Raster DCS Files in order to process correctly
- For DCS Version Pages, a set of DCS files must be provided for each version.

Raster DCS files can only be created by:

- Copydot Scanners
- Postscript RIP Stations (Artwork Systems, Rampage)
- High-End Workstations (Scitex, Crossfield)
- Conversion Software (CEPStoPS,PageComposer)

DCS files created from desktop applications are not raster only. DCS files from applications contain both Vector info and Fonts, making for unreliable output.

*Proof pass not required if all page sizes are consistent size unless assembly/placement requested. If any page assembly/placement is requested proof pass is required.

TIFF/IT P1 and Scitex CT/LW

- Both the TIFF/IT P1 and Scitex CT/LW files are raster formats, providing safe and reliable high quality output.
- These files must be provided at a consistent trim size plus bleed.
- Non-conforming Pages will require placement into a page layout application for correct positioning. This will incur additional charges for Desktop placement.
- The entire job must be supplied as the exact same size in order to process correctly.
- All Components of the page must be included such as PG, LW, NLW, CT, HC or HCT
- File Extensions must end with .CT, .FP, .LW, .NLW, and .HC

TIFF/IT P1

- TIFF/IT is a standard for the exchange of pages created on high-end prepress systems. The TIFF/IT P1 format contains some further restrictions to the format in areas such as orientation. TIFF/IT P1 use has been specified for the exchange of digital ads by the Digital Distribution of Advertising for Publications (DDAP) Association.

Scitex CT/LW

- Supply CT, LW and Flyt or Page
- Version LW's may be supplied to be paired with one CT. Each LW must contain all job elements, not just version type changes as we can not assign multiple LW's to the same CT at one time.

High End Files format supported:

- Scitex RMX, UFS and Handshake (including New Line Work)
- TIFF/IT P1 (including HCT)

*Proof pass not required if all page sizes are consistent size unless assembly/placement requested. If any page assembly/placement is requested proof pass is required.

Postscript

Postscript files should be 100% complete with all fonts and high-resolution images embedded. Postscript files should be single page and should only contain the colors intended to print. Because postscript is not an easily editable format, any changes must be made by providing us a new postscript file.

Postscript files must be created exactly one inch larger than the height and the width of the trim size of the book. Example: If the trim size of the book is 8.125" by 10.875", the custom paper size must be set to 9.125" by 11.875" when creating postscript files.

Color files must be CMYK format with no RGB, LAB or index color elements. LZW and JPEG compression are not supported and should not be used in any elements. All fonts must be embedded within the postscript.

*Appropriate proof pass required for color/content approval.

PDF

We can accept properly created PDF documents, issues remain which cause us to ask suppliers to use with care. A PDF is not a RIPped format, but a normalized format and is subject to the same font and image issues associated with postscript.

PDF files should be 100% complete with all fonts and high-resolution images embedded. PDF documents must be created with Acrobat Distiller 6.0 or earlier (PDF documents created with PDFwriter are not supported and will not be processed).

All PDF documents must be created to Perry/Judd's specifications. Please contact your PrePress Account Manager for our specifications. All PDF documents must be PDF 1.3 or 1.4

PDF documents must be created exactly one inch larger than the height and the width of the trim size of the book. This can be accomplished by creating the postscript at this size. Example: If the trim size of the book is 8.125" by 10.875", the size of the PDF document must be set to 9.125" by 11.875".

Color files must be CMYK format with no RGB, LAB or index color elements. JPEG compression is not supported and should not be used in any elements. All fonts must be embedded within the PDF.

PDF documents must contain only type 1 postscript or Truetype fonts. Multiple Master, Type 3 and Compact fonts are not supported and can not be processed. All type 1 and Truetype fonts must be embedded.

Perry/Judd's can only process PDF documents containing High Resolution Images. In addition, PDF documents must be composite (separated PDF documents are not supported). PDF documents containing FPO's can not be processed and are not supported.

*Appropriate proof pass required for color/content approval.

Native Application Files

File Certification

Each customer scheduled to provide digital files for our Computer to Plate process at Perry/Judd's must undergo an initial compatibility test. The test is accomplished by submitting, well in advance of the initial schedule of file receipt, a set of test files which will be examined and converted into plate files. Once certification is complete, the customers name will be added to the list of certified providers, and will not need to undergo testing again unless the file format of submission changes.

This procedure is intended to remove potential problems in the CTP process and assume timely output, which relies on file integrity to achieve compliance to production schedules.

*Appropriate proof pass required for color/content approval.

Document or File Characteristics

Bleed

- Document should be supplied with 1/8 inch bleed beyond trim on all sides.
- Image cross-overs on a reader spread are an exception.
- Do not build into the page anything beyond the border except bleed.
- Do not let any text go beyond an 1/8 inch safety margin within the trim.

Fonts

Supply copies of all screen and printer fonts used in page layout documents and within .EPS supplied artwork files.

- It is necessary to supply screen and printer fonts, to assure correct font version and proper output.
- The fonts supplied must be the exact fonts used for the creation of the document.
- **TrueType or Multiple Master fonts should not be used and are not supported by Perry/Judd's.**

Pages

Documents should be supplied as single independent pages

Trapping

The responsibility for the trapping lies with the supplier of the digital file created in any application other than Quark.

Naming

Document files should be named with page relevance using folios in the naming scheme. A file submission sheet should be filled out which keys a direct relationship between file names and pages/versions.

Versions

- For Scitex CT/LW files, Version LW's may be supplied to be paired with one CT. Each LW must contain all job elements, not just version type changes as we can not assign multiple LW's to the same CT at one time.
- For DCS Version Pages, a set of DCS files must be provided for each version.

Consistency

Always create pages with the same page setup. If pages are inconsistent across the job, each page must be handled and examined in a special way. This will create extra charges and delays and will jeopardize schedule.

Submission Standards

Extraneous Files

Send only current files needed for production. Do not include any previous versions of unneeded files which will only complicate the workflow. Do not send FPO images, once placed within the application file the FPO is no longer needed.

Proofs

A content proof of the submitted file must be supplied to Perry/Judd's. The proof must be from the file submitted and include all alterations made to the file.

- **Content Proof** Also known as the Authorized Proof, Blueline or Signed Copy. Should be provided at 100% or original size, and have a customer signature verifying the proof has been checked. It is the standard against which the content of the printed product will be measured.
- **Color Press Proof** A contract digital proof should be supplied for each four-color process page. Currently, the Kodak Approval is accepted as the industry standard digital contract proof. These proofs must conform to SWOP standards. We have adopted Kodak Approval and can supply all acceptable measurements upon request. For highest quality assurance we recommend that submitted proofs conform to this calibration. The Approval is our preferred proof, though other proofs are acceptable if they meet the SWOP standard. Contact your PrePress Customer Service Representative or Quality Analyst with any questions. An exposure control strip must be included on all color guidance. All proofs must be authorized by the customer and or supplier to the designate they represent what is expected in the final reproduction.

Ad Film Scanning

Copydot Scanning

Supplied partial or full page Ad film can be converted to a digital file via copydot scanning. Low resolution FPOs are available for Ad scans.

Copydot scans are created by duplicating (*within 1% accuracy*) each dot on each separation of film. Our Renaissance scanner system produces a replica of the original film by copying it dot-for-dot, without introducing moiré or artifacts. The resulting digital file from the scanner is a 2400 dpi bitmap for each separation of film. A FPO is also produced to link to each copydot page.

Because of the accuracy of the copydot images, the color guidance supplied by the creator of the film ad is used to match color on press.

Copydot scans must be placed at the original scanned size. Once the image is scanned it must be ran at 100%. Enlargement or Reduction of the scan will cause patterns in final output. We have the ability to enlarge or reduce the image in the original scan cycle only.

Copydot Ads naming

- Name can be no longer than 14 characters
- Name can be composed of Alpha-numeric characters, underscores and hyphens.
- Every Ad must have a Unique name
- Name can not contain special characters or spaces

We suggest naming the scans with a 2 or 4 character customer identification, a Ad description, a numerical ad reference or the Issue ad originated.

- Example: ECONBAIR01 - where ECON = Customer Code, BAIR = Ad Description, 01 = Issue ad originated

A low resolution F.P.O. (for position only) file of the copydot scan can be furnished to the customer for use in a page layout application.

- Automatic picture replacement (OPI) is possible if Perry/Judd's creates the copydot scan and provides a FPO.
- FPOs must not be edited in any image manipulation software (such as Photoshop). Editing of a FPO breaks the link to the High Resolution data.
- FPOs may be placed in a desktop layout application such as QuarkXPress or PageMaker.
- Postscript jobs may contain FPOs generated by the Perry/Judd's if the postscript is saved with separations turned on (separated postscript).
- PDF documents cannot be processed with FPOs. Do not submit PDF documents with FPOs embedded.
- Low Resolution FPOs of scans produced by the Perry/Judd's can also be picked up on request via FTP, Wamnet, or Mass Transit. Please contact your PrePress Customer Service Representative for details.

Digital Archiving and Automatic Pickup is available for Copydot scans to be used on a regular basis.

Digital Archiving

Archiving is available upon request. Jobs can be archived to DLT Tape and AITII media. Digital Ads scanned from film can be archived in the same manner. Contact your PrePress Customer Service Representative for details.

Digital Transmission

WAM!NET

WAM!NET is a digital data delivery service intended for the graphic arts market. It greatly improves the time, effort, and cost associated with sending large, time-sensitive data between business partners. WAM!NET ensures secure and timely data transmissions of entire jobs. Remote proofing is also available through WAM!NET.

Internet T1

Perry/Judd's has a FTP Site connected to the internet for receiving customer files. This site requires a user name and password for security reasons. Please contact your PrePress Customer Service Representative for a Login Name and Password.

The speed of transmitting digital data over the internet can vary greatly depending on traffic, time of day, and the path traveled. Transmissions during regular business hours tend to be slower due to the volume of traffic on the internet. Transmission errors can occur anywhere in the path over the internet. Macintosh files must be compressed and encoded when using FTP software.