



KODAK APPROVAL Color Proofing System SWOP Application Data Sheets

5/2005

In 2005, three **KODAK APPROVAL Color Proofing System** configurations have been submitted and certified by the SWOP® Certification Program. They are designated as follows:

1. KODAK APPROVAL Color Proofing System with D2212 Donor Set
2. KODAK APPROVAL Color Proofing System with D3333 Donor Set
3. KODAK APPROVAL Color Proofing System with D3333 Donor Set using a Device Link Profile

The second and third configurations are for the New Generation Donors. D3333 are the identifiers for DC03 (Cyan), DM03 (Magenta) and DY03 (Yellow). These new donors are to be used with the existing DK03 (Black) already in the portfolio.

Each configuration has a SWOP Application Data Sheet (ADS) describing how to make proofs that conform to Kodak Polychrome Graphics guidelines.

The different SWOP Application Data Sheets are needed to accommodate differences in hardware, software and donor configurations available to KODAK APPROVAL Color Proofing System users.

1. **KODAK APPROVAL Color Proofing System with D2212 Donor Set**

This application data sheet covers the setup recommendation for any system using KODAK APPROVAL Digital Color Proofing Films DC02/Cyan Donor, DM02/Magenta Donor, DY01/Yellow Donor and DK02/Black Donor. It is appropriate for Classic or PS APPROVAL proofers. It can also be used with APPROVAL XP/NX systems configured with this donor set.

2. **KODAK APPROVAL Color Proofing System with D3333 Donor Set**

This application data sheet covers the setup recommendation for APPROVAL XP or NX proofers using KODAK APPROVAL Digital Color Proofing Films DC03/Cyan Donor, DM03/Magenta Donor, DY03/Yellow Donor and DK03/Black Donor. (This donor set is not available for the APPROVAL Classic or PS proofers.)

3. **KODAK APPROVAL Color Proofing System with D3333 Donor Set using a Device Link Profile**

This application data sheet covers the setup recommendation for APPROVAL XP or NX systems using KODAK APPROVAL Digital Color Proofing Films DC03/Cyan Donor, DM03/Magenta Donor, DY03/Yellow Donor and DK03/Black Donor; and digital front ends capable of using ICC compliant device link profiles. Use of the device link profile in ICC capable systems is optional. This data sheet is intended for those users who choose to employ this capability.

(Again this donor set is not available for the APPROVAL Classic or PS proofers.)

Application Data Sheet Setups

The Application Data Sheet setups were determined following SWOP guidance to make a visual match to SWOP certified press sheets while at the same time maintaining good gray balance. The ADS for KODAK APPROVAL Color Proofing System with D2212 Donor Set is a slight change over the previous version for this donor set to accommodate the certification process and new proofing paper.

Device Link Profile

The device link profile uses SWOP certified press sheets as the source; the destination is the SWOP ADS for KODAK APPROVAL Color Proofing System with D3333 Donor Set. The black preserving device link was created to maintain dot fidelity; no solids are turned to tints, and no dots are added. The resulting device link was adjusted to meet the goal of maintaining good gray balance. The proofs made with and without the device link look very similar – there are no areas of major color differences, but rather small differences throughout color space.

Applying a Device Link Profile in production

All Supported workflows except Barco currently are able to process a device link profile. However, for some workflows there will be application and productivity limitations. It is our recommendation that the customer consult with the Workflow vendor before implementing a Device Link Profile into their current production workflow.

Downloading Application Datasheets

KODAK APPROVAL Application Data Sheets can be downloaded from the SWOP or KPG websites. They can be found at <http://www.swop.org/certification.html> or http://www.kpgraphics.com/service_support/online/swop.html.