

Activity 4: Import and use a Harmony transfer curve

Background

You can import a Harmony transfer curve in ColorFlow that allows you to generate output that is identical to the output you generated using the Harmony curve.

Error rendering macro 'excerpt-include'

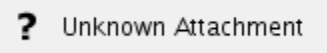
No link could be created for 'Activity 1: Import and use a Harmony curve in Prinergery'.

Tasks

Goal

Import a Harmony transfer curve and use it to output a page in Prinergery.

Task 1: Import a Harmony print curve

1. In ColorFlow, click the **Print Curves** tab.
2. In the **Harmony Curves** section, click **Import**.
3. Select file [CF-AG04_Harmony_Print_Curves.hmy](#).
4. Select all four curves in the **Import** dialog box and click **OK**.
5. Select the **Show in Prinergery Print Curves** check boxes for the four imported PRINT curves.
6. To view the Harmony curve value, in the **Harmony Curves** list, do one of the following:
 - Double-click the **PRINT Press A CS1 SWOP 175L** curve
 - Click the **PRINT Press A CS1 SWOP 175L** curve, and then click the **Curve** icon in the curve object on the right window
7. Remember the 50% black ink value.

Task 2: View the print curves in Prinergery

1. In Prinergery, click **Tools > Process Template Editor > Loose Page Output > Virtual Proof**
2. Click **Virtual Proof.LoosePage**.
3. In the **Loose Page Output** dialog box, expand **Calibration & Screening**.
4. Select the **ColorFlow Current State** radio button.
5. Expand the **Print Curves** dropdown list. You should see all of the built-in transfer curves and the four curves that you have selected in **Show in Prinergery Print Curves**.

Task 3: Output a PDF using the print curve in Prinergery

1. In Prinergery, create a new job, and name it as XX CF Activity 04 (where XX = your initials).
2. Refine [Chart_TintRamp_CMYK.pdf](#) with 1stRef-Normz.
3. Output the PDF file using Virtual Proof.LoosePage with one of the transfer curves you just imported:
 - a. In your **Virtual Proof.LoosePage** Process template dialog box, from the **Output To** list, select **Virtual Proof**.
 - b. Leave **ColorFlow Color Relationship Management** unchecked.
 - c. Expand the **Calibration & Screening** panel.
 - d. Click the **ColorFlow Current State** radio button.
 - e. Expand the **Print Curve** drop down list and select curve **PRINT Press A CS1 SWOP 175L**.

4. Open the generated page in VPS and measure the 50% black patch.
Confirm that the transfer curve has been applied and the 50% black patch measures 52.6%.

Outcome

You have imported a Harmony transfer curve and used it in Prinergy to control the tonal response for an output.