

Importing a Harmony plate calibration curve

You can import Harmony derived calibration curves and transfer curves into ColorFlow **Plate Curves** for use by Prinergy.

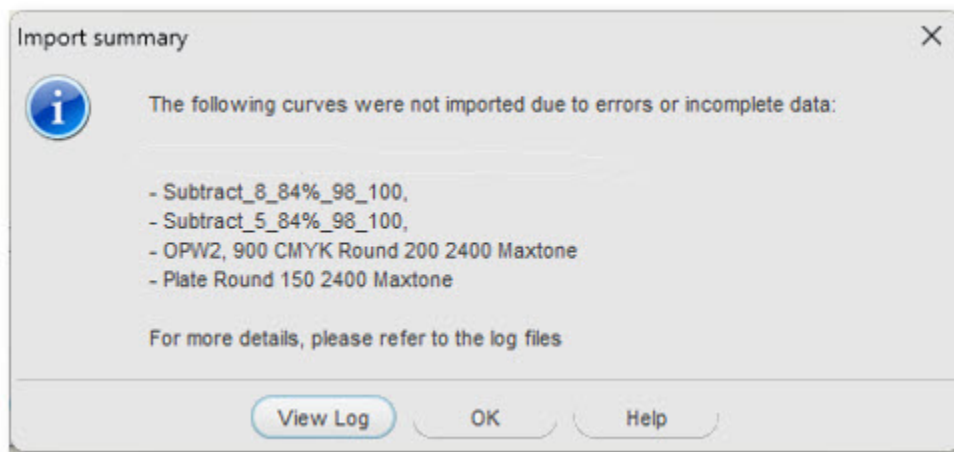
1. In the **Plate Curves** tab, under the **Harmony Curves** section, click **Import**.
2. Locate and select your Harmony file, and then click **Open**.
 - By default, ColorFlow browses to the directory containing the **CalCurve.hmy** file used by Harmony and Prinergy. Select this file for the active Harmony database.
 - The **Import Harmony Curves** table shows all of the Harmony plate calibration curves in the file.
3. If the curve you are looking for does not appear in the **Import Harmony Curves** table, or if you wish to import all types of Harmony calibration curves into ColorFlow, select **Show Paper and Film Calibration Curves**. See also [Calibration Curve Types in Harmony, ColorFlow and Prinergy](#).
4. Select the curve(s) that you want to import, using standard multiple selection controls.
5. Click **OK**.

Note: if a curve cannot be imported, the curve definition is most likely not supported by ColorFlow. For example, Harmony curves with a maximum tone of less than 100% are not supported by ColorFlow.
6. To make a curve visible in the **Plate Curve** list control in the **Calibration and Screening** panel of a Prinergy process template:
 - a. Find the curve in the **Harmony Curves** table (it will be selected after import). If you cannot find the curve, select **Show Paper and Film Curves**. See also [Calibration Curve Types in Harmony, ColorFlow and Prinergy](#).
 - b. Select **Show in Prinergy Plate Curves**.
7. (Optional) View the imported curve by clicking the **Harmony Curves** icon  in the right panel
8. (Optional) [Updating a Harmony Plate Curve](#).

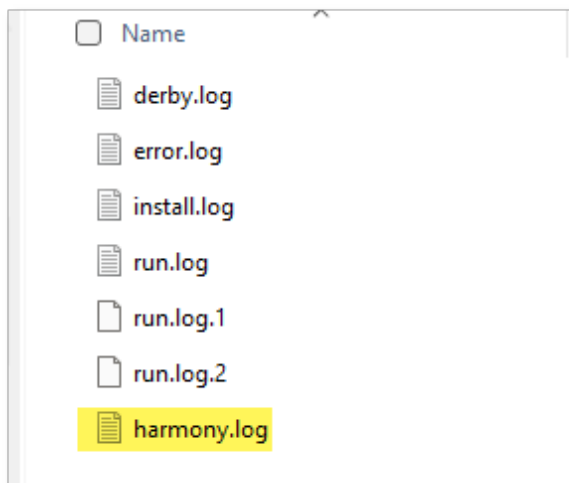
Imported curves will be available in Prinergy from **Curve Source: ColorFlow Current State**. If you want all imported Plate Harmony Curves to also be selectable from **Curve Source: ColorFlow Approved Snapshot**, select the **Use for Approved Snapshot** check box.

Import Harmony Curves with Intelligent Skipping and Logging of Invalid Entries (New Feature added in ColorFlow 11.5).

- Import Harmony curves without any interruption or crashing



- Importing Harmony curves generates a new log text file 'harmony.log'
- The Harmony log file will inform of any invalid curves that were skipped
- The log file is placed in the same folder as other log files for the ColorFlow client, .../Kodak/ColorFlow/log/



- Example of the harmony.log showing the Import success and Import failure

Harmony Curve Import Log
2025-07-29T09:36:51.998
Import success: 79 curves

Harmony Curve Import Log

2025-07-29T09:37:47.485

Import success: 144 curves

Import failure: 4 curves, listed below

Cannot import curve Subtract_8_84%_98_100,. This curve has output value 100% at input values less than 100%.

Cannot import curve Subtract_5_84%_98_100,. This curve has output value 100% at input values less than 100%.

Cannot import curve OPW2, 900 CMYK Round 200 2400 Maxtone. This curve is non-monotonic.

Cannot import curve Plate Round 150 2400 Maxtone. This curve is non-monotonic.

Import Limitations

Note that there are a few types of Harmony curves which cannot be directly imported into ColorFlow. These curves must first be converted to Transfer curves before import.

Harmony "solid cutback" or "clamped" curves

These are curves created to place a halftone screen into all solid ink areas. These are typically used for flexographic or screenprinting applications, where it is not desirable to have areas that print with solid ink.

- **Cannot import a derived Calibration curve which has a Current curve that reaches 100% before Tint In=100%.**
(Solution: convert the Derived curve to a Transfer curve in Harmony.)
- **Cannot import a derived Calibration curve which has a Target curve that reaches 100% before Tint In=100%.**
(Solution: convert the Derived curve to a Transfer curve in Harmony.)

Calibrate Density curves:

- **Cannot import a derived Calibration curve which uses *Calibrate Density*.**
(Solution: convert the Derived curve to a Transfer curve in Harmony.)