Grouping CMYK and Spot Harmony curves

Harmony **CMYK Curves** and **Spot Curves** are independent, meaning that they cannot be collectively selected by a common name, for calibrating a Prinergy output job with spot inks. If you choose a named Harmony CMYK curve set, all spot inks will be calibrated using the **Black** channel of the named CMYK curve.

In ColorFlow, Print Calibration Curves and Print Transfer curves can have spot color channels in addition to CMYK. After importing Harmony **CMYK Curves** and **Spot Curves** into ColorFlow, you can group them together for selection by a common name in Prinergy.

- 1. Click the **Print Curves** tab.
- 2. If your Harmony curves use the **Medium** property:
 - a. In the **Harmony Curves** table, sort by **Medium** to collect Harmony CMYK and Spot curves that have the same **Medium** value.
 - b. Select the CMYK and spot curves with the same **Medium** value that you want grouped together.

Note: The **Medium** property of Harmony curves allows CMYK and Spot curves with the same **Medium** value to be selected in a process template by **Print Curve** value **%% AUTO %%** and the **Harmony Medium** value of the curves.

- 3. Otherwise, find and select the CMYK and spot curves that you want grouped together.
- 4. If you cannot find the curves you are looking for, select **Show Plate and Film Curves**. See also About Calibration Curve Types in Harmony, ColorFlow and Prinergy.
- 5. If you are using a Harmony **One Curve** for CMYK inks, select that curve instead of a Harmony **CMYK Curves** curve.
- 6. Click Copy to Transfer Curve.

A new curve is created in the **Transfer Curves** table with same name as the selected Harmony **CMYK Curves** or **One Curve**.

- 7. Locate the curve (it will be selected by default) and select **Show in Prinergy**.
- 8. If you don't want to use the default name, double-click the name in the **Transfer Curves** table to edit the name. This will not affect its selection in a Prinergy process template. See About Curve Names and Selection in Prinergy.
- 9. (Optional) Select the device condition properties that you wish to use this curve for.
- 10. Other options:
 - a. You can drag the selected **Harmony Curves** to the **Transfer Curves** table instead of clicking **Copy to Transfer Curve**.
 - b. You can copy just the CMYK curve to **Transfer Curves** (by either method above), then drag and drop spot curves into the new transfer curve.
 - c. You can use this method to add additional Harmony spot curves to a Harmony-copied transfer curve at any time.
- 11. Set the display color for each spot curve channel:
 - a. Select the curve in the **Transfer Curves** table.
 - b. In the right panel, open **Curve Channels**.
 - c. Double-click the **Color** swatch and pick a color, **OK**.
- 12. (Optional) View the transfer curve channels:
 - a. Select the curve in the **Transfer Curves** table.
 - b. Click View....
 - c. To view spot ink channels, select **Spot** and choose the desired channel in the **Spot** ink: list.
- 13. (Optional) Adjust the transfer curve. See Adjusting a print transfer curve.