Separating and editing images with the PCO profile

You can use the PCO profile to separate RGB image and graphic content, or to reseparate CMYK content. If you use the Prinergy Refine process to separate or reseparate content, ColorFlow delivers the PCO profile to Prinergy for use as a destination profile.

When images are printed with flexography, the discontinuous color response may produce undesirable artifacts. For example, any separation with highlight tints that vary down to 0% will produce shade stepping equal to the magnitude of the Mindot color. The larger the flexo discontinuity, the more severe the artifacts generated by shade stepping.

To avoid these problems, preview images with the PCO profile in Adobe Photoshop to see how the image will appear when printed with flexographic printing:

1. Export the PCO profile from ColorFlow.
2. In Adobe Photoshop:
   a. Select **Edit** > **Color Settings**.
   b. Select **Working Spaces - CMYK: Load CMYK**.
   c. Browse and select the exported PCO profile.