

DeviceLink restrictions for discontinuous color responses

ColorFlow software cannot generate or adjust a DeviceLink if the destination color response is discontinuous. It applies these restrictions to flexographic printing setup:

- You cannot use the Ink Optimizing Input in a color setup whose PCO is discontinuous.
- You cannot select the ColorFlow software-generated Conversion DeviceLink method for CMYK color inputs. You can import a DeviceLink, but you cannot adjust it.
- You cannot define a simulation DeviceLink for a PCO that uses a discontinuous device condition.
- If you define a PCO with a continuous, curve-controlled device condition, a discontinuous target, and any simulation DeviceLink, ColorFlow software will use Curves Method: Manual Adjustments Only. The simulation curves are linear, and the simulation DeviceLink performs the target simulation.
- If the PCO is discontinuous and you define an SCO with a continuous, curve-controlled device condition and any conversion DeviceLink, ColorFlow software will use Curves Method: Manual Adjustments Only. The conversion curves are linear, and the conversion DeviceLink performs the conversion from the PCO color response to the SCO device condition.

If the flexographic device condition uses a hybrid screening system that delivers a smooth, continuous color response from the substrate color through the highlights of all inks, then the flexo discontinuity is eliminated. In this situation, set the Mindot **Tint In** value to zero. The flexo device condition behavior in ColorFlow software will be similar to that of other device types, and the discontinuity-related restrictions will be eliminated.