



MCS Merlin K146c Cost Analysis/Print Sample Process

To properly provide quality process color print samples off the MCS Merlin K146c, the following items are necessary.

- **Print Sample Data Format:**
 - PDF files optimized for high speed page printing are preferred.
 - All fonts embedded into PDF, no external font calls
 - PS, PPML, VPS files also accepted
 - Tray Calls supported via PS, please include media names in a separate description file
- **Embedded Graphics:** Pictures/Images should be at least 300DPI. Linework, type etc. should be vector artwork within the PDF.
- **PDF Image Size:** Up to 12x18 for Duplex work, up to 13x19 for Simplex
- **Color Format:**
 - CMYK or RGB
 - Spot Colors are acceptable – provide printed reference color sample if matching desired
- **House recommended paper stocks:**

We recommend and provide 4 house paper stocks for samples from the Merlin K146c printer, each of which have been ICC profiled/calibrated for maximum color quality and value. MCS does not sell paper, but we do recommend vendors. The following papers are the house provided stocks:

 - A. 60-lb. International Paper Accent Opaque Digital with ImageLok
 - Good quality, good price – MCS recommended stock
 - B. 60-lb. Husky/Williamsburg Standard Commodity Offset -
 - Sellable quality, lowest price
 - C. 70-lb. Husky/Williamsburg Standard Commodity Offset -
 - Sellable quality, good price
 - D. 60-lb. Mitsubishi Jet Script DL IJ Matte
 - Best quality, high price
- **Customer provided paper stocks:**
 - The following resources are needed for customer provided paper samples:
 - i. 200 sheets of stock, 8 ½” X 11” or larger sheet size
 - 1. Used for ICC profiling the paper to the printer
 - 2. Label on the ream for calibration
 - 3. No preprint on calibration stock
 - ii. 500-1000 sheets of stock for production reliability testing.



- **Process Time**

- i. Customer files on MCS House paper stock
 - Within 2 weeks
- ii. Customer files on customer provide stock
 - Within 3 weeks

- **MCS contact:**

Bart Haag – Production Analyst

Bart Haag's contact info is as follows:

bart.haag@mcspro.com

630-210-5020

694 Veteran's Parkway, Unit H - Bolingbrook, IL 60440