

NEXPRESS SX3300/SX3900 SUBSTRATE QUALIFICATION PROGRAM

Supplemental Information
Effective April 2017

KEY QUALIFICATION PROCEDURES

There are five (5) steps to the Kodak NexPress qualification program. The specific testing procedure for each step is adjusted to match the substrate type and, in the event of a dual grain evaluation, some of these steps may only need to be completed on one of the grains submitted provided that testing is completed at the same time. The five steps are as follows:

1. Substrate properties are evaluated and machine and substrate are setup for testing. This includes feeding compatibility and determining if the substrate can be run in two sided mode without impacting printed quality.
2. Adhesion is evaluated and ideal fusing set points are established.
3. A cluster ICC profile is assigned to the substrate based on spectrophotometric measurement.
4. Runnability of the substrate is evaluated over a 2000 sheet run.
5. Captured data from the completed and passing qualification is evaluated by Kodak and if all data falls within conformance specifications for the press the official approval and script files are issued.

Note: Substrate family qualifications require testing of a high, low, and middle substrate weight. Qualification may then extend to all weights which fall in between those passing weights, and reports and scripts will be issued.

QUALIFICATION DELIVERABLES

At the conclusion of testing program, the following materials are issued for each passing grade:

- A detailed report, defining the critical press performance parameters, as well as any important notes on performance encountered during the qualification procedure. This includes the star ratings for fusing and runnability. The report also contains information on the substrates physical properties as evaluated by RIT
- An official certificate recognizing the substrate as qualified for the Kodak NexPress
- A set of script files which can be used by NexPress owners to quickly install the optimized substrate settings onto any Kodak NexPress
- A NexPress Qualified logo which can be applied to substrate packaging and marketing materials.
- Listing of the qualified substrate including the issued report, and available script files on the official qualified materials listing hosted by RIT.
- Printed samples collected from the qualification run for examination

For any grade that does not pass through the qualification procedure, RIT technologist will contact the customer with details of the failure and, if requested, provide samples pulled from the press.

NEXPRESS PAPER QUALIFICATION PROGRAM V5.0 APRIL 2017

