



ANILOX LASER TECHNOLOGY – COLOUR PROOFING - PRESS TO RK FLEXIPROOF PROOFER

Benchmarking of press and proofing rollers for customers without XRite IFS or for IFS users looking for a basic calibration method.

Standard procedure:

Pre flight checks:

- SELECT **CYAN** INK FOR INITIAL TEST
- ENSURE ALL ANILOX ROLLERS ARE CLEAN AND WELL MAINTAINED
- ENSURE PRESS COMPONENTS ARE CLEAN AND FRESH (SEALS/BLADES/TAPES/PLATES)
- USE NEW BATCH OF INK – RECORD BATCH NUMBER FOR FUTURE REFERENCE
- ENSURE COLOUR MEASUREMENT EQUIPMENT IS AVAILABLE
- ENSURE FLEXIPROOF PROOFING MACHINE IS CLEAN AND PREPARED (MATERIALS CUT TO SIZE)

The Flexiproof proofing press is a tool used to find the pre-press ink match to the printing press, the initial benchmark tests must be done to ensure the two are in line.

STEP ONE:

Select spot anilox roller on press, set up print head and select materials and standard press speed, run the **CYAN** ink at speed across material range to create benchmark print sample/samples.

This sample/samples will become the master we will require the proofing machine to match.

STEP TWO:

Set up the Flexiproof proofing machine with the same **CYAN** ink and material and select the anilox with the closest volume match and select the first speed range (30 meters per minute). Take 4 pulls at this setting. (RK recommend that you use pull number 2)

Clean the plate and then repeat as above at the second speed range (40 m/m)

Clean the plate and then repeat as above at the third speed range (50 m/m)

STEP THREE:

Take Density readings of press master at operator's side, central and drive/machine side and then work through the proof prints until the best Density match is found.

STEP FOUR:

Record the settings and parameters used.

STEP FIVE:

Select a Target colour and mix the ink.

Firstly set up and run on the Flexiproof proofing press at the matched settings used in STEP TWO (speed, pull number etc.)

Secondly take the mixed ink to the press and run under the same settings used in STEP ONE.

STEP SIX:

Check the PROOF sample against the PRESS sample to decide if the colour is correct on both Proof and Press.

STEP SEVEN:

Repeat the above steps on the standard range of anilox rolls on the press/proofer to ascertain the proofing machine matching parameters.

STEP EIGHT:

RECORD ALL DATA AND KEEP REGULAR CHECKS TO ENSURE PERFORMANCE IS MAINTAINED.



A.MORTON ALT 2109