



HP Indigo

The following papers are certified for use on HP Indigo:

CT Clear Digital HP 30#

SHINE Pearl Digital 80# Text and 107# Cover

SHINE Champagne Digital 80# Text and 107# Cover

SHINE Silver Digital 80# Text and 92# Cover

Digital Groove 80# Text and 89# Cover

Digital Felt 68# Text

CT Clear Digital HP 30# is certified for use on HP Indigo digital presses. This paper not only has a special surface enhancement providing for better ink adhesion, it also has a one half inch printed strip on both leading and trailing edge of the sheet to register with optical the sensors. This strip is intended to be cut off after this paper is printed.

Although SAVOY Brilliant White Digital HP 118# Cover and SAVOY Natural White Digital HP 118# Cover are not certified for use on HP Indigo as they are too thick, they run beautifully on HP Indigo digital presses and are stocked in both 19 x 13 and 18 x 12 sizes.

Kodak NexPress

The following papers are certified for use on Kodak NexPress:

SHINE Pearl Digital 80# Text and 107# Cover

SAVOY Brilliant White 80# Text and 92# Cover

Stock	CT Weight	GSM	Target Caliper
CT Clear Digital HP	30# B	112	3.5
Digital Felt HP	68#T	100	8.0
Digital Groove HP	80# T	120	7.0
Digital Groove HP	89# C	240	13.0
SAVOY Brilliant White Digital HP	118# C	320	20.0
SAVOY Natural White Digital HP	118# C	320	20.0
SHINE Champagne Digital HP	80# T	120	6.0
SHINE Champagne Digital HP	107# C	290	14.0
SHINE Pearl Digital HP	80# T	120	6.0
SHINE Pearl Digital HP	107# C	290	14.0
SHINE Silver Digital HP	80# T	120	6.0
SHINE Silver Digital HP	92# C	250	12.0

Caliper

Caliper is a measure of the thickness of a sheet of paper (1 pt. = 1/1000 of an inch). Below is a list of basis weights and corresponding calipers for DIGITAL.

All Reich Paper grades are manufactured to a basis-weight standard, not to caliper. Calipers here (and in our stock charts) are provided for reference, but may vary slightly from run to run, as is typical for any paper. If caliper is critical to your project, please contact us to discuss your requirements. Please contact us if you have any questions about the Technical Printing & Use information included here or if you need information about any other topics. We have endeavored to address most aspects of printing and use here; however we do not accept liability for any errors or omissions. Should you have any questions, or need additional information please contact us at 718.748.6000.

HP Indigo® Printing Hints on CT Clear Digital

Storage

Store CT Clear Digital unopened in the original packaging away from open doors and windows where exposure to uncontrolled humidity or excessive heat or cold could occur. The ideal climate is a temperature controlled environment similar to the press room.

Store unopened in the press room for a minimum of 24 hours prior to use, longer if previously stored in cold conditions.

Printing

Only open the packaging when the paper is about to go on the press.

All translucent papers are extremely sensitive to changes in moisture and will curl if the ambient relative humidity (RH) is different to RH of the paper. Ideally HP Indigo presses should be in both temperature and humidity-controlled environments in which case this product will work well, however, if press room humidity is not controlled and the ambient RH is either high or low then problems may be encountered with press runnability.

Print room conditions are very important. For best results ensure the conditions are as near ideal as possible i.e., an RH of 45–55% and a temperature of 63–73°F (17–23°C).

Putting cold paper into the press will result in fluctuations in blanket temperature as the cold paper draws heat from the blanket. This will cause inconsistent ink adhesion.

If after conditioning the paper in its packaging for 24 hours the paper curls as illustrated in the picture below, check the ambient RH and if this is above 65% or below 45% abandon the print run until conditions are between these limits and the paper is flat.



Never leave CT Clear Digital 30# uncovered — the paper must remain wrapped or covered with plastic between all stages of press and finishing processes.

The translucent sheets should only be placed in the HP Indigo feed tray just prior to printing and should be removed from the tray and put back in the packaging immediately after printing. Printed sheets must also be covered between workings to avoid paper distortion due to changes in environmental conditions.

Leaving the paper too long in the top trays — The top trays of HP Indigo presses tend to get quite warm. If paper is left in these trays, then it will tend to dry out and curl. The time over which this takes place and the severity depends on the temperature in the tray, the time in the tray, stack height and the relative humidity of both the press room and the paper.

To avoid runnability issues, it is recommended that short runs be considered or underfill the trays to minimise heat transfer.

Do not print on the white stripe areas of the sheet and be sure to incorporate several Print cleaners during a large print campaign to help maintain the blanket condition.

Although both sides of the paper are printable, as the paper is translucent it is not anticipated that it would normally be printed on both sides. If two side printing is required, to optimise registration this should be done using the perfector system rather than working and turning.

The optical feed sensors found on many of the later HP Indigo models (e.g. 3500, 5500, 7000, 7500) must be calibrated and in good condition to run this product. If runnability problems are encountered please check the condition and calibration of these sensors and if necessary clean, service or replace these sensors.

It is advisable to frequently remove small stacks from the stacker unit, as opposed to allowing large runs accumulate.

Finishing

Cut piles no thicker than 1.18" (30) mm at a time. Newly ground blades must be honed and polished to avoid the blade from chipping. Carbide tipped blades will last longer.

Do not fold in dry conditions if the previous process has dried the paper out, as it may split.

Post printing process compatibility: HP Indigo prints on translucent papers are not suitable for subsequent inkjet and laser printing. Please seek technical advice from Reich Paper.