

Certified for
HP Indigo



Re-Certification for Standard Evaluation Report

For HP Indigo

| Supplier Contact Information | |
|---------------------------------|--|
| Supplier Name | |
| Supplier Address | |
| Supplier Country | |
| Product Name | |
| Product Category | |
| Grammage (gsm)/Basis weight (#) | |
| Microns/Caliper | |
| Certification Number | |
| Certification Center | |
| Date of Evaluation | |
| Evaluated on | |
| Certified for | |
| Evaluation Process | |

| Evaluation | Measure | Result | Grade (stars) | Comments |
|------------------------------|---|--------|---------------|----------|
| Runability | | | | |
| Simplex | Number of Jams | | | |
| Duplex | Number of Jams | | | |
| Fixing | | | | |
| Peeling | 100%K in 4 color mode, % ink remaining | | | |
| Photo Peeling | 290%K in 4 color mode, % ink remaining | | | |
| Photo Recommended | | | | |
| White Ink Recommended | | | | |
| Blanket Compatibility | | | | |
| Evaluation Result | | | | |

Comment Detail: _____



The substrate certification procedure incorporates several processes.

This checks for:

Runability:

The ability of the substrate to run smoothly through the press in various print modes.

Fixing:

Ink-substrate interaction as determined by:

- 1) The degree of ink adhesion to the substrate for standard and photo-related applications as measured in a tape peel test of the image.

Blanket Compatibility:

Blanket-substrate interaction as determined by:

- 1) Ink-transferability, which is the quality of ink transfer from the blanket to the substrate as reflected in highlight dots, thin lines, heavy images and image edge integrity;
- 2) 'Blanket Memory' effects, reflected in gloss or density differences between solids and background areas of the previously printed image; and
- 3) Number of cleaner pages, in which blankets are routinely maintained by performing a self cleaning procedure ("cleaner pages") used to refresh the blanket's release layer.

Photo and White Ink Applications:

Use of robust media products is strongly recommended when printing photo-related and/or white ink applications and/or Light Cyan and Light Magenta due to additional ink coverage demands of these applications. This media has been tested and approved to perform well with higher levels of ink coverage, and is therefore recommended for photo-related and/or white ink type applications. However, it is strongly recommended that user acceptance ultimately be evaluated per individual application and finishing requirements, etc. The test results are provided as a guide; assess actual performance to determine suitability for individual use.

Star Rating

- ★★★★ Best performing substrate: no blanket memories or very minor memories.
- ★★★ Recommended substrate: some print cleaners may be needed; slight memories may be present.
- ★★ Good substrate: print cleaners generally required; some memories may be present.

| | | ★★★★ | ★★★ | ★★ |
|------------------------------|---|----------------------------|----------------------------|----------------------------|
| | Measurement | Best-performing substrate | Recommended substrate | Good substrate |
| Transport | Runability | No jam and minor issues | 1 jam and minor issues | 1 jam and minor issues |
| Fixing | Peeling: 100% K, | >90% | >80% | >80% at one hour |
| | Photo peeling: 290% K, 10 or 60 minutes | >80% after 10 or 60 min | | N/A |
| | | | | |
| Blanket Compatibility | Cleaner sheets clean after 12 K | 1st cleaner sheet is clean | 3rd cleaner sheet is clean | 5th cleaner sheet is clean |

Certification Validity

- 1) This substrate is certified for the next two years from the date of evaluation, provided there is no change to the paper properties or production processes. At the end of two years from the original evaluation date, if there have been no changes in paper properties or production processes, the certification can be extended for another two years. After four years from the original certification date, a new certification is required.
- 2) The certification provided herein applies to printing on HP Indigo Presses only. It does not apply to finishing processes. Customers are advised to confirm suitability of substrates for use with their finishing equipment, and with the finishing equipment manufacturers.