

Reliable H

TWK2080H Kao Collins Inks for HP 45A Technology

Good Decap

Good for Product Coding and Marking

Reliable H is a dye-based ink that displays a dark image on semi-porous stocks and dries quickly. The heads-up technology allows the cartridge to start up after extended periods of down time without wiping or purging, therefore requiring less operator maintenance.

Ink Features

- Fluid base: Aqueous
- Colorant: Dye
- Flash point > 100°C
- Shipping info: Non-hazardous

Recommended Printer Settings

Pen driver voltage: 10.2 V
Fire pulse length: 2.2 μ s
Pulse warming: 40°C

Printhead Performance

Decap time: > 1 hr
Shelf life (single/bulk): 2 yr/6 mo
Not recommended for bulk use

Cartridge Maintenance & Handling

- Use a lint-free cloth to clean the print head
- Wipe slowly and lightly across tip of the long edge with the print head facing down
- Forcing the wipe (too much pressure) may scratch the print head
- Use of a cloth with lint may clog the nozzles
- DO NOT SHAKE CARTRIDGES: shaking a cartridge can create foam and the entrained bubbles may cause printing failure

Cartridge Storage

- Operating conditions: 10 – 40°C
- Storage conditions: 10 – 30°C
- Less than 1 day down: leave cartridges in the machine and wipe/purge before next use
- More than 1 day down: remove cartridges from machine and place cartridge clip (available from Kao Collins) over the head, wipe and purge before use

Substrate Performance • 600x300 DPI • Dryer: OFF • Rating: 1–5 (5=Best)

Disclaimer: The information presented in this data sheet is intended only as a guide and does not infer a warranty of performance. Results may vary depending upon many variables including the specific grade of substrate, environmental conditions, print speed, etc.

Sample Substrate	Copy Paper	70# Gloss	Matte	Chipboard	Clay Coat Box
Optical Density	0.93	0.91	0.87	1.09	0.74
Unassisted Dry Time	1 sec	3 sec	1 sec	1 sec	1 sec
Wet Rub Resistance	5	5	5	5	2