

TWK2249

Collins Brand Inks for HP 45A Technology

Sharp and Glossy Image Substrate Versatility

TWK2249 Black is a water-based pigment/polymer ink with high optical density. This ink was developed to produce a laser-like, glossy image on a wide range of coated media.

Ink Features

- Fluid base: Aqueous
- Colorant: Pigment/Polymer
- Flash Point: > 100°C
- Shipping info: Non-Hazardous

Recommended Printer Settings

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

Printhead Performance

Decap time: < 5 min
Shelf life (single/bulk): 1 yr/6 mo
Not recommended for bulk use

Cartridge Maintenance & Handling

- Use a water dampened 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

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 Collins Ink) 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	.98	1.62	1.58	1.23	1.47
Unassisted Dry Time	1 sec	7 sec	6 sec	1 sec	6 sec
Wet Rub Adhesion	5	5	5	5	5