

CORE INK

TWK1915H

Collins Brand Inks for HP 45A Technology

High Speed Printing
Fast Dry and Permanent on Envelopes

Core Ink is designed for high speed mailing applications where the cartridge is in a sideways orientation and printing at a low dpi. Core Ink has low maintenance requirements.

Ink Features

- Fluid base: Aqueous
- Colorant: Pigment / Dye
- Flash Point: > 70°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: < 1 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	Clay Coated Box	Matte	Chipboard	Corrugated
Optical Density	.95	1.37	.99	1.20	1.19
Unassisted Dry Time	1 sec	2 sec	10 sec	1 sec	1 sec
Wet Rub Resistance	5	2	2	5	4