

# Complete H

**TWK1818**

Collins Brand Inks for HP 45A Technology

Darker Image  
Less maintenance

Complete H is a dye/pigment hybrid ink that is formulated to print on both coated and non-coated substrates. This ink will dry quickly and give good permanence, while maintaining excellent print quality and a dark image.

## Ink Features

- Fluid base: Aqueous
- Colorant: Dye/Pigment
- 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: < 5 min  
Shelf life (single/bulk): 1 yr/6 mo

Best suited for applications where cartridge faces downward

## 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	1.05	1.28	1.14	1.13	1.21
Unassisted Dry Time	1 sec	2 sec	2 sec	1 sec	2 sec
Wet Rub Resistance	5	4	4	5	4