

Kao Collins Inc.

CM-557H

Kao Collins Inks for HP 45A Technology

Great Decap Fast Dry Time

Our CM-557H is a dye-based ink that produces a high quality image and dries well on gloss and matte coated substrates. This ink also requires very little print head maintenance when compared to our other inks.

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 μs
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 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
- 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 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 | .88 | 1.06 | .92 | 1.04 | .92 |
| Unassisted Dry Time | 1 sec | 5 sec | 1 sec | 1 sec | 1 sec |
| Wet Rub Adhesion | 5 | 5 | 5 | 5 | 3 |