

Kao Collins Inc.

Standard Colors – Heads-Up

Kao Collins Inks for HP 45A Technology

Customized Ink Solutions
Enhanced decap performance

Kao Collins offers fourteen spot colors in dye-based formulations as shown below. All fourteen spot colors are available in standard and heads-up formulations.

Standard

Blue CM457H		PMS 293	Magenta CM787H		PMS Rubine Red
Blue CM488H		PMS 294	Orange CM784H		PMS 165
Blue CM502H		PMS 287	Purple CM789H		PMS Violet C
Brown CM788H		PMS 1605	Red CM500H		PMS 186
Cyan CM501H		PMS Process Blue U	Red CM506H		PMS 206
Green CM503H		PMS 355	Red CM791H		PMS 207
Green CM790H		PMS 3282	Yellow CM785H		PMS 1235

Note: The colors shown above are approximate matches to the standard and are presented for guidance only. In addition to the standard colors shown, we can also match any non-metallic Pantone Matching System (PMS) color. Performance data presented in the tables below are based on testing with CM500H, CM502H, and CM784H.

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

Sample Substrate	Copy Paper	70# Gloss	Matte	Chipboard	Claycoat Box
Unassisted Dry Time (sec)	1	6	3	1	2
Wet Rub Resistance Rating	4	3	3	5	3

Ink	Drop Volume
CM500H	30.7 pL
CM502H	32.9 pL
CM784H	31.4 pL

Ink Features

- Fluid base: Aqueous
- Colorant: Dye
- Flash point: $> 90^{\circ}C$
- Shipping Info: Non-Hazardous

Recommended Printer Settings

Pen driver voltage: 10.2 V
Fire pulse length: 2.2 μs
Pulse warming: 40 $^{\circ}C$

Printhead Performance

Decap time: ≤ 4 hours
Shelf life 1 yr
Build-up Higher ink build-up
than standard

Standard Colors are available in:

- Single-use Cartridge
- Not recommended for bulk ink supply

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 $^{\circ}C$
- Storage conditions: 10 – 30 $^{\circ}C$
- 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 in airtight container with damp cloth.