



Collins Brand Inks for HP 45A Technology

CM-557 H

darker image
fast dry time

Our CM-557 H 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

Ink name	557 H
Ink part number	CM-557H
Target Substrates	matte, glossy papers & chipboard style substrates
Fluid Base	water
Colorant type	dye
Drop volume	22 picoliters
Drop speed	10 m/s
Throughput volume before cartridge failure	>40 ml
Shelf life single use cartridge	1 year from date of fill
Shelf life modified cartridge	6 months from date of fill
Runs in bulk supply station	no
Decap time	up to 280 hours
Optical density	0.97 @ 600 x 300 dpi on bond
Operating Conditions	10 to 40°C
Storage Temperature	10 to 30°C
Additional Shipping Requirements	none

Recommended Printer Settings

Pen driver voltage:	10.2V
Fire pulse length:	2.2 microseconds
Fire pulse warming temperature (on or off):	Off
Dryer assistance needed:	Stock dependant
Type:	N/A

Cartridge Maintenance & Handling

- When cleaning the printhead, use a lint-free cloth moistened with de-ionized water.
- Wipe slowly and lightly across tip of the long edge with the printhead facing down.
- Forcing the wipe or using a dry cloth with scratch the printhead
- Using a cloth with lint may clog the nozzles

Cartridge Storage

- Less than 1 day down: Leave cartridges in machine and wipe and purge before next use.
- More than 1 day down: Remove cartridges from machine and place a cartridge clip over the head. (available from Collins) Wipe and purge before use.
- Storing cartridges in an airtight container with a damp cloth or sponge, will prevent them from drying out.
- Using a cloth with lint may clog the nozzles

