



## **Title: Storage and Use of GerberCAT™ UV Ink**

Product: Gerber Solara ion & Gerber CAT | UV

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Summary: Use this document to achieve best results with your GerberCAT ink and avoid potential printing issues.

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### **GerberCAT UV Ink Environment for Best Results**

- ◆ Ink shelf life is approximately 12 months from date of manufacture when stored as recommended.
- ◆ Operating temperature and humidity ranges of the Gerber Solara ion and Gerber CAT | UV are tighter than the storage range for the ink pouches.
- ◆ If stored outside of operating temperature, wait for the ink to normalize before using.
- ◆ Note the “Use by” date printed on the ink pouch and replace any ink beyond that date.

**Note: The guaranteed term of ink is 12 months from date of manufacture when it is kept or used without exposure to air at 77°F (25°C).**

### **GerberCAT Ink storage specifications**

- ◆ Temperature: 41° F to 77° F (5° C to 25° C)
- ◆ Humidity: 25% - 75% non-condensing
- ◆ **Storing ink outside of the ranges listed above will not guarantee proper printing results.**

### **Gerber Solara ion and Gerber CAT | UV environment for best results**

- ◆ Temperature: 65°F to 75°F (18.5°C to 24°C)
- ◆ Humidity: 20% - 60%RH, non-condensing
- ◆ **Operating the printer outside of the ranges listed above will not guarantee proper printing results.**

## Long-term Shut Down

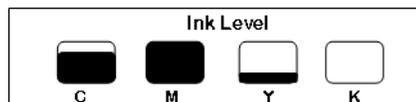
If the printer will not be used for more than two weeks, you **MUST** follow the procedure “Shutting the printer down for more than two weeks” located in the *Gerber Solara ion and Gerber CAT | UV Owner’s Guides*. This procedure includes special instructions for:

- ◆ Clearing ink from the ink lines
- ◆ Filling the ink lines with GerberCAT Flush
- ◆ Clearing GerberCAT Flush from the ink lines

The manual also includes instructions on preparing the printer for use after it has been shut down for more than four weeks.

## Determining Ink Levels

- ◆ Printer monitors ink usage and tracks the level in the ink pouches and ink reservoirs.
- ◆ Determine ink level by pressing INK LEVEL button on the Gerber Solara ion and Gerber CAT | UV. Do not estimate the remaining ink by opening the ink drawer and observing and/or feeling the pouch. It is far less accurate.
- ◆ Repeated opening and closing of the drawer will weaken the pouch’s valve and cause ink to leak.
- ◆ INK LEVEL displays graphical screen. In the following example the Cyan (C) is 75% full; Magenta (M) is full; Yellow (Y) is 25% full; and the Black (K) pouch is empty and needs to be replaced.



*Note: All ink levels are approximate.*

## Opening ink drawers

- ◆ Do not open and close the ink drawer more than 10 times per pouch. It will damage the ink valve and cause the pouch to leak.
- ◆ Use care when closing ink drawers; they have sensitive sensors which can cause errors when handled roughly.
- ◆ Do not attempt to open the ink drawer when the printer is actively printing and the gantry is moving towards the drawer. If the gantry is within 4" (10.16cm) of the drawer, the printer will abort the job to avoid the contact with the gantry.

## Replacing Empty Ink Pouches During a Job

If an ink pouch becomes empty while printing you can replace the pouch and keep printing. The printer will continue to print as long as the ink in the reservoir remains above the low level.

- ◆ Open the ink drawer.
- ◆ Remove the empty pouch and wipe up any ink spills with an all-purpose wipe.
- ◆ Insert the proper color pouch of new ink.
- ◆ Carefully close the drawer.

- ◆ Enter the new amount of ink in the Ink Level screen.
- ◆ Be honest about the quantity of ink in the pouch. This will allow the printer to more accurately track ink usage.

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