



GerberCAT™ and Cold Fire Cure™

Simply put, GerberCAT inks provide the color and Gerber's patent-pending Cold Fire Cure technology is what successfully adheres that color to a range of materials far beyond that of conventional inkjet printers. Together this system provides features in inkjet curing that are nothing less than revolutionary and far superior to any other ultraviolet curing process available.



GerberCAT inks are an exclusive, four color (CMYK) cationic ink set that UV cures at approximately room temperature. Heat sensitive plastic, vinyl, fabric, and paper based materials can be printed using Gerber's Cold Fire Cure and GerberCAT inks without concern for ink adhesion or material damage. In addition, GerberCAT inks have a three year, outdoor-durable life span (with the exception of fleet graphics).

GerberCAT inks provide unmatched adhesion on materials traditionally problematic for ink jet printers such as glass and textiles. Unlike solvent inks that create a chemical bond by eroding the surface of the substrate, GerberCAT inks cure into a strong, yet flexible mechanical bond that is immediately usable.

Gerber has developed a genuine print-and-apply process for vehicle applications which allows application immediately after printing; as opposed to solvent ink graphics which require 48-72 hours of complete cure time before application. The ultra-flexible GerberCAT bond allows the **Gerber Solara ion** to support an extensive range of three-dimensional applications including fleet graphics, vehicle wraps with tight curves, and smooth application over rivets.

Performance Properties	Traditional Free Radical UV Ink	New GerberCat™ Cationic Ink
Cure Energy Required	High	Low
Adhesion	Good	Excellent
Flexibility	Poor	Excellent
Chemical Resistance	Fair	Good
Hardness/Gloss	Fair	Good
Opacity	Good	Excellent
Environmental Resistance	Good	Excellent