



Bear

very aggressive
no dryer needed

The Bear Ink is a solvent-based ink that will print on many difficult substrates such as foils, varnishes, and UV coated materials without the use of a dryer environment. For optimal performance, firing voltage and fire pulse length settings will need to be modified

Ink Features

Ink name	BEAR
Ink part number	TSK-1750
Target Substrates	non-porous substrates, UV coat, foils
Fluid Base	solvent
Colorant type	dye
Drop volume	TBD
Drop speed	TBD
Throughput volume before cartridge failure	<400 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	yes
Decap time	<5 minutes
Optical density	0.74 @ 600 x 300 dpi on bond
Operating Conditions	10 to 40°C
Storage Temperature	10 to 30°C
Additional Shipping Requirements	hazardous good restrictions

Recommended Printer Settings

Pen driver voltage:	7.0-8.0V
Fire pulse length:	2.2 - 2.5 microseconds
Fire pulse warming temperature (on or off):	On
Dryer assistance needed:	No
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