

BC886B

Excellent on BOPP with strong material adaptability and well-balanced reliability



- ✓ Superb adhesion on substrates such as glass, metal, PET, and BOPP.
- ✓ Fast drying performance optimized for high-speed inline printing.
- ✓ Excellent rub resistance and long de-cap tolerance for industrial coding applications.

BC886B is a high-performance industrial ink cartridge designed for traceable coding and marking using TIJ inkjet printing technology. It delivers superior adhesion and drying speed on challenging substrates, ensuring stable output in high-speed continuous printing environments.

SUBSTRATES COVERAGE

Glass	Metal	PET	PE	BOPP	Alu-Foils	Nylon
PP	PC	OPP	Wood	HD Carton	Coated Paper	

PRODUCT SPECIFICATION

Part Number	BC886B Cartridge Type: TIJ ink cartridge without the security chip	
Ink Type	Solvent-based Ink	●Black Colorant Type: Dye
Resolution	Up to 600 dpi (recommended 300x300 dpi)	
Max Print Swath	12.7 mm	
Nozzle Count	300	
Ink Throw Distance	2 -5 mm	
Firing Voltage	8.8 V	* Please conduct test before use, the suitable parameter may be different depending on the printer
Firing Pulse Width	1.8-2.2μs	
Max. Firing Frequency	12 kHz	
Ink Fill level	47 ml	
Average Delivered Ink	38 ml (Vertical)	31 ml (Horizontal)
Ink Dry Time	3-5 sec for 2.5mm font, 300x300 dpi 7-9 sec for 12.7mm font, 300x300 dpi	* The printing test results on aluminum foil packaging bags. However, the actual dry time depends on different substrates.
De-Cap Time	≥12 hours under normal conditions * Depends on temperature and humidity	
Operation Conditions	15°C – 35°C; 35% – 80% RH	
Shipping/Storage Conditions	5°C – 40°C; 20% – 80% RH	
Printhead Cleaning	Wipe lightly with lint-free dry cloth	
Shelf Life	9 months from ink filled date	

❖ ATTENTION:

- This ink contains alcohol solvents. It is recommended to use it in a well-ventilated room.
- Please clean the printhead before installing the ink cartridge.
- Use a lint-free dry cloth or ethanol-moistened (> 98% IPA) cloth to clean the ink cartridge and printhead. Do not use a general and water-containing wet cloth, as it may cause nozzle clogging or damage.
- Do not shake the clipped cartridge vigorously.
- Printing performance may vary based on conditions and environment, please conduct a printing test carefully before use.
- Dye used in this ink has some water resistance. However, it is not recommended to use this ink for printing on substrates that will be immersed in water.
- All data here is based on Bentsai laboratory data, not guaranteed.

❖ MAINTENANCE AND HANDLING:

- Use a lint-free cloth wipe the printhead nozzle in a single direction from top to bottom.
- Hold the cartridge printhead face down, gently press the printhead on a lint-free cloth to let the ink flow out, and then carefully and lightly wipe across the printhead along the edge.
- After use, seal the printhead with the originally attached cartridge clip and store the cartridge with the position of its printhead UP until subsequent use.

❖ SHIPPING AND STORAGE:

- The ink cartridge should be stored with the originally attached clip in a vacuum-sealed pouch until used.
- Please store the cartridge with the printhead facing upwards. If it is still in the original sealed carton, store it according to the markings.
- Use the cartridge within two weeks of removing it from the vacuum-sealed pouch for best performance.
- Refer to Safety Data Sheet for more information.



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