

B110C

RESIN THERMAL TRANSFER RIBBON

For Flat-Head Printers

Specifications may change without notice.

Last Update: May 2026

Ref: PS-1102 (Rev. 5)



RICOH
imagine. change.

PRODUCT FEATURES

- High sensitivity for high-speed printing (~4 inches/sec.) with high printing quality assured
- Super smear resistance at temperatures up to 100°C (212°F)
- Superior resistance to solvents (alcohol, petrol, kerosene, brake fluid, engine oil, car wax, etc.)
- Special back coating for reliable and superior matching with thermal print head
- UL recognized with various printers and films

APPLICATION AREAS

- Automotive
- Electronics
- Manufacturing Process

USAGE ENVIRONMENT

5 ~ 35°C (41 ~ 95°F), 30 ~ 85%RH

STORAGE CONDITIONS

Keep indoors, away from high temperatures, high humidity and direct sunlight. Keep master rolls hanging horizontally.

CONTACT US

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RIBBON PROPERTIES

Base Material	Polyester film
Base Thickness	4.5 ± 0.4 μm

INK PROPERTIES

Ink Color	Black
Transmission Density	Min. 0.65

IMAGE PROPERTIES

Scratch Resistance (times)	Min. 1850
Light Resistance (ANSI)	Min. 3.5 A
Water Resistance (ANSI)	Min. 3.5 A
Chemical Resistance (times)	
Ethanol	50 or more*
Kerosene	1000 or more*
Engine Oil	2000 or more*
Gasoline	100 or more*
Hexane	500 or more*

GUARANTEE PERIOD

Finished Rolls: 4 years after manufacturing

*All test specifications are based on Ricoh's standard test methods. Data represents product averages, allowing for industry accepted variances. These products should be tested in the end-use conditions to ensure that they meet the requirements of the specific application. Specifications may change without notice.