

# Ricoh Electronics, Inc.

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# RICOH

## THERMAL TRANSFER RIBBON PRODUCT INFORMATION

# B110CU

( For Flat Head Printers )

RESIN  
SUPER  
SMEARLES

### RIBBON PROPERTY

• Base Material	Polyester film
• Base Thickness (μm)	4.5 ± 0.4

### INK PROPERTY

• Ink Color	Black
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### IMAGE PROPERTY

• Image Density	1.5 minimum
• Image Resolution	Excellent
• Scratch resistance (scratched 100 times by sharp edge at 40°)	Excellent
• Resistance to smear and heat (rubbed 100 times in 100°C)	Excellent
• Chemical resistance (wipe 100 times with cotton cloth at 100gf/cm <sup>2</sup> )	Excellent
• Ethanol, Acetone	Excellent
• IPA	Excellent
• MEK	Excellent
• Thinner	Excellent
• Xylene	Excellent
• Brake Fluid	Excellent
• Water	Excellent

### OTHERS

• Preservability:	Image property remains and free from blocking even after 72 hours at 50°C preservation.
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\* All tests in this specification are done by Ricoh standard test methods.

### USAGE ENVIRONMENT:

5°C ~ 35°C (41°F ~ 95°F), 30% ~ 85% R.H.

### STORAGE CONDITIONS:

Keep indoor, avoiding high temperature (such as beside heat source), high humidity, and direct sunlight. As for master rolls, keep them horizontally hanging.

### GUARANTEE PERIOD:

\* Finished rolls: 4 years after manufacturing

\* Master rolls : 1 year after coating

### FEATURES:

1. Perfect resin ribbon for Automotive, Serial Number Plate, Circuit Board Label and Pharmaceutical application.
2. Very high resolution even printed at 600 dpi Thermal Head
3. Excellent heat, chemical and solvent resistance
4. High scratch resistance
5. UL recognized

*The above data represent product averages, allowing for industry accepted variances.  
These products should be tested in the end-use conditions to insure that they meet the requirements of the specific application. Specification may change without notice.*