

RICOH

THERMAL TRANSFER RIBBON PRODUCT INFORMATION

B110A (For Flat Head Printers)

WAX-RESIN
SMEARLESS

B110A is designed for **printing on a wide variety of print media** including coated paper labels, tag stock and films. This all purpose **wax/resin TTR** provides **strong environmental resistance** against smearing & chemicals that today's business may require. B110A presents reliable, **sharp-edge print quality** to maximize the barcode scanning rate at **low to high printing speeds**.

Ricoh utilizes our **patented technologies** to minimize any problems caused by static electricity and ink flaking. B110A is manufactured in ISO-9002 certified facilities and sold as made in USA product. **This is also available in red, blue, brown and green.**

RIBBON PROPERTY

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

INK PROPERTY

| | |
|--------------------|----------|
| • Ink Color | Black |
| • Ink Transparency | Min. 1.2 |

PRINTING PROPERTY

| | |
|---|------------------------------|
| • Image Density (check w/ Macbeth RD-914) | Min. 1.25 |
| • ANSI grade | Min. Vertical bar ANSI 2.0 C |

IMAGE PROPERTY

| | |
|------------------------------|-----------------|
| • Scratch resistance (times) | Min. 100 |
| • Light resistance | Min. ANSI 2.0 C |
| • Water resistance | Min. ANSI 2.0 C |

OTHERS

Preservability: Image property remains and free from blocking even after 72 hours at 40°C preservation.

* All tests in this specification are done by Ricoh standard test methods.

USAGE ENVIRONMENT: 5 ~ 35°C (41 ~ 95°F), 30 ~ 85%RH

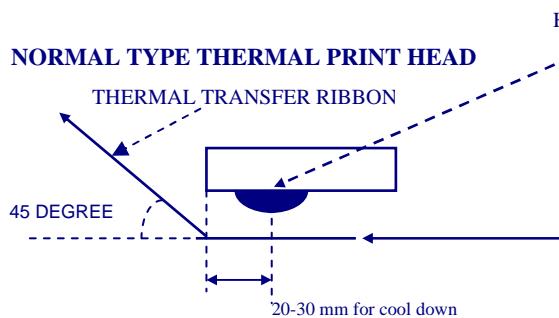
STORAGE CONDITIONS: Keep indoor, avoiding high temperature (such as beside heat source), high humidity, and direct sunlight. As for master rolls, keep them horizontally hanging.

GUARANTEE PERIOD: 4 years after manufacturing

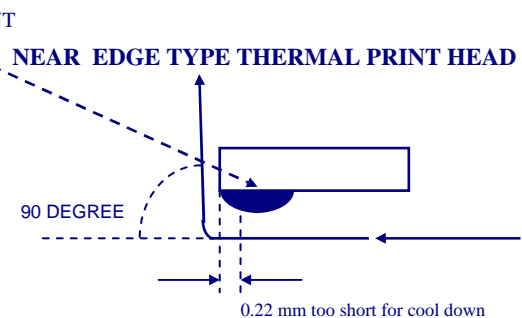
Ricoh Ribbon Selection Tips

For Flat type thermal print head
B110A is recommended

For Near edge type thermal print head
B120E is recommended



INK FROM RIBBON HAS A TIME TO BE COOLED DOWN BEFORE RIBBON IS PEELED OFF FROM SUBSTRATE.



INK FROM RIBBON HAS NO TIME TO BE COOLED DOWN. THE NEAR EDGE HEAD TECHNOLOGY REQUIRES NEW TYPE OF RIBBON WHICH INK CAN BE TRANSFERRED BEFORE COOLING DOWN.

*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.*