

# B110A

(For Flat Head Printers)

# RICOH

imagine. change.

## Thermal Transfer Ribbon Product Information

### WAX-RESIN SMEARLESS

Other colors available: **B210A (Blue)** and **B310A (Red)**

Last update:  
Apr. 2017  
Ref: PS-1698 (Rev. 2)

#### RIBBON PROPERTY

- Base Material
- Base Thickness (µm)

Polyester film  
4.5 ± 0.4

#### INK PROPERTY

- Ink Color
- Ink Transparency

Black  
Min. 1.2

#### PRINTING PROPERTY

- Image Density (check w/ X-Rite)
- ANSI Grade

Min. 1.25  
Min. Vertical Bar ANSI 2.0 C

#### IMAGE PROPERTY

- Scratch Resistance (Times)
- Light Resistance
- Water Resistance

Min. 100  
Min. ANSI 2.0 C  
Min. ANSI 2.0 C

*\* All tests specifications are based on Ricoh's standard test methods.*

#### 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.

#### GUARANTEE PERIOD:

2 years after manufacturing.

#### FEATURES:

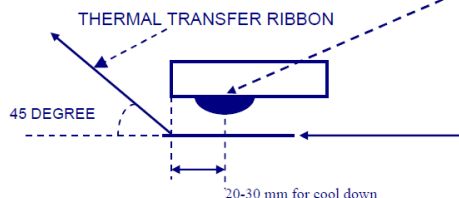
- All purpose wax/resin TTR
- Prints on wide variety of media
- High resistance to smearing & chemicals
- Reliable, sharp-edge print quality
- Maximizes barcode scanning rates
- Minimizes static electricity & ink flaking problems

### Ribbon Selection Tips

For Flat type thermal print head

B110A is recommended

NORMAL TYPE THERMAL PRINT HEAD

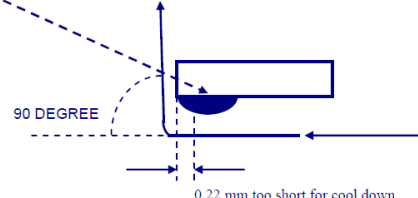


*Ink from Ribbon has adequate cooling time before ribbon is peeled from substrate.*

For Near edge type thermal print head

B120E is recommended

NEAR EDGE TYPE THERMAL PRINT HEAD



*Near-Edge Head technology requires a different type of ribbon that can transfer ink before cooling down.*

*The above 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.*

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