

B110A

(For Flat Head Printers)

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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:

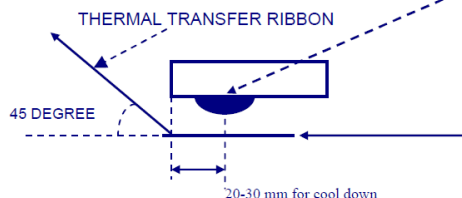
- All purpose wax/resin TTR
- Prints on wide variety of media
- High resistance to smearing & chemicals
- Reliable, sharp-edge print quality
- Maximizes barcode scanning rates
- Minimizes static electricity & ink flaking problems

Ribbon Selection Tips

For Flat type thermal print head

B110A is recommended

NORMAL TYPE THERMAL PRINT HEAD

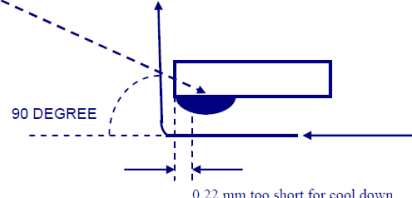


Ink from Ribbon has adequate cooling time before ribbon is peeled from substrate.

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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B120E

(For Near Edge Head Printers)

Thermal Transfer Ribbon Product Information

WAX-RESIN SMEARLESS

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Last update:
Aug. 2016
Ref: PS-1773 (Rev. 1)

RIBBON PROPERTY

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

INK PROPERTY

- Ink Color Black
- Ribbon Transparency Min. 0.65

PRINTING PROPERTY

- Image Density Min. 1.5
- Image Resolution Min. Horizontal Bar ANSI B

IMAGE PROPERTY

- Friction Resistance Min. Vertical Bar ANSI A
- Scratch Resistance (Times) Min. 200 (cast coated paper, white PET)
- Light Resistance Min. Vertical Bar ANSI A
- Water Resistance Min. Vertical Bar ANSI A
- Ironing Resistance No image disorder or transfer of ink

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

USAGE ENVIRONMENT:

5 ~ 40°C (41 ~ 104°F), 10 ~ 95%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.

*Finished rolls: -20-40°C, 10-90%RH

*Master rolls: 35°C, 85% RH or less

GUARANTEE PERIOD:

* Finished rolls: 2 years after manufacturing

* Master rolls: 1 year after coating

FEATURES:

- All purpose wax/resin TTR
- Prints on wide variety of media
- High resistance to smearing & chemicals
- Excellent at high-speed printing as high as 10 inches/sec.
- Reliable, sharp-edge print quality
- Maximizes barcode scanning rates
- Minimizes static electricity & ink flaking problems

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