

# B110A

(For Flat Head Printers)

# RICOH

imagine. change.

## Thermal Transfer Ribbon Product Information

### WAX-RESIN SMEARLESS

Last update:  
Sep. 2024  
Ref: PS-1698 (Rev. 6)

#### RIBBON PROPERTY

- Base Material Polyester film
- Base Thickness ( $\mu\text{m}$ )  $4.5 \pm 0.4$

#### INK PROPERTY

- Ink Color Black
- Ink Transparency Min. 1.2

#### PRINTING PROPERTY

- Image Density (check w/ X-Rite) Min. 1.40
- 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

*\* 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:

**Finished Roll:** 4 years after manufacturing

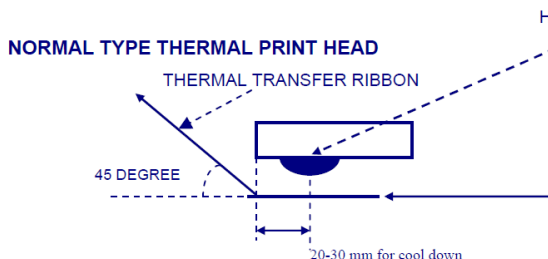
#### FEATURES:

- 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

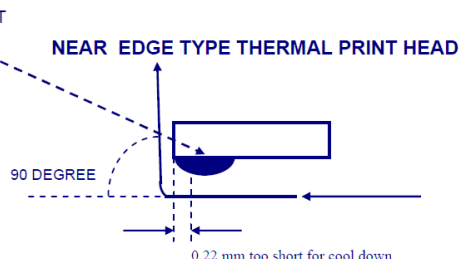
B110A is recommended



*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 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.*

RICOH ELECTRONICS, INC. DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IN CONNECTION WITH THE CUSTOMER'S PURCHASE OF OUR PRODUCTS. IT IS CUSTOMER'S SOLE AND EXCLUSIVE RESPONSIBILITY TO TEST AND ENSURE SUITABILITY OF OUR PRODUCTS FOR ITS CUSTOMERS' OR END-USER'S APPLICATION.

Ricoh Electronics, Inc. • 1125 Hurricane Shoals Road • Lawrenceville, GA 30043 • [www.RicohThermalProducts.com](http://www.RicohThermalProducts.com)

Customer Service: 1.800.843.7058 • Toll Free FAX: 1.888.843.7059 • email: [orders@rei.ricoh.com](mailto:orders@rei.ricoh.com)