

# B120EC

(For Near Edge & Flat Head Printers)

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## Thermal Transfer Ribbon Product Information

Last update:  
Sep. 2022  
Ref: PS-1256 (Rev. 3)

### RESIN

#### RIBBON PROPERTY

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

#### INK PROPERTY

- Ink Color Black
- Ink Transparency Min. 0.65

#### PRINTING PROPERTY

- Image Density Min. 1.25
- Image Resolution Min. ANSI C on horizontal bar, tone within +3

#### IMAGE PROPERTY

- Smear Resistance Image remains readable after scratching 50 times
- Light Resistance Min. ANSI A on vertical barcode
- Water Resistance Min. ANSI A on vertical barcode
- Ethanol Resistance Image and barcode remains readable after rubbing 350 times
- Kerosene Resistance Image and barcode remains readable after rubbing 600 times

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

#### USAGE ENVIRONMENT:

5 to 40°C (41 ~ 104°F), 10 to 95%RH

#### STORAGE CONDITIONS:

Keep indoors. Avoid high temperatures, high humidity and direct sunlight.

\*Finished rolls: -20-40°C, 10-90%RH

\*Master rolls: 35°C, 85% RH or less

#### GUARANTEE PERIOD:

\* Finished rolls: 4 years after coating

#### FEATURES:

- Universal resin ribbon for both flat and near-edge head
- Prints on both paper and film
- High preservation
- Reliable, sharp-edge print quality
- Maximizes barcode scanning rates
- Prints on a wide variety of synthetic media such as PET, PVC, PE and other coated papers

*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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