

# Ricoh Electronics, Inc.

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# RICOH

## THERMAL TRANSFER RIBBON PRODUCT INFORMATION

# B120E

( For Near Edge Head Printers )

WAX-RESIN  
SMEARLES

### RIBBON PROPERTY

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

### INK PROPERTY

• Ink Color	Black
• Ink Transparency	Min. 0.65

### IMAGE PROPERTY

• Image Density	Min. 1.5
• Image Resolution	Min. Horizontal bar ANSI B

### IMAGE DURABILITY

• 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 nor transfer on the stuff

### OTHERS

- Preservability: Image property remains and free from blocking even after 72 hours at 50°C preservation
- Receiving material adaptability: Image properties are same even on coated paper, light weight coated paper, tag paper, gross coated paper, UV print paper, varnished paper, and PET.

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

**USAGE ENVIRONMENT:** 5 ~ 40°C (41 ~ 104°F), 10 ~ 95%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.

\* Finished rolls: -20~40°C, 10~90%RH

\* Master rolls : 35°C, 85% RH or less

### GUARANTEE PERIOD:

\* Finished rolls: 4 years after manufacturing

\* Master rolls : 1 year after coating

### FEATURES:

B120E is designed for printing on a wide variety of print media including coated paper labels, tag stock and near edge type print head. This all purpose wax/resin TTR provides strong environmental resistance against smearing & chemicals that today's business may require. B120E presents reliable, sharp-edge print quality to maximize a barcode scanning rate. B120E is very good at high speed printing as high as 10 inch/sec.

RICOH utilizes our patented technologies to minimize any problems caused by static electricity and ink flaking. B120E is manufactured in ISO-9002 certified facilities.

*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. Specification may change without notice.*