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RICOH

THERMAL TRANSFER RIBBON PRODUCT INFORMATION

B120EC

(For Near Edge Head Printers)

RESIN
SUPER
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. 1.25
• Image Resolution	Min. Horizontal ANSI 1.5 C

IMAGE DURABILITY

• Scratch resistance (times)	Min. 2000 (White PET, Clear PET)	
• Light resistance	Min. ANSI 3.5 A (fence bar)	
• Water resistance	Min. ANSI 3.5 A (fence bar)	
• Chemical resistance	* Ethanol	Min. 20
	* Kerosene	Min. 150
	* Engine oil	Min. 600

OTHERS

- Preservability: Image property remains and free from blocking even after 72 hours at 40°C preservation.
- Receiving material adaptability: Film type receiving material (Silver PET, White PET, Clear PET, PVC, PE), synthetic paper.

* 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:

B120EC is a heavy duty all resin based ribbon that meets or exceeds the high heat, scratch, and chemical resistance required in the automotive, pharmaceutical and government applications. B120EC is designed for printing on a wide variety of films for thermal transfer application. RICOH utilizes our patented technologies to minimize any problems caused by static electricity and ink flaking. B120EC 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.*