

Ricoh Electronics, Inc.

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RICOH

THERMAL TRANSFER RIBBONS

Wax-Resin Ribbon

PRODUCT	PERFORMANCE CHARACTERISTICS	PRINTER
B110A	Special designed ribbon for printing on wide variety of receiving materials (paper, coated paper, film, etc.) at low to high printing speed. The most common wax-resin based ribbon in the market today which provides strong environmental resistance against abrasion and chemicals. Special back coating and ink formula minimize the print head problems. Also available in Blue (B210A), Red (B310A), Brown (B410A) and Green (B610A).	Flat Head
B120E	Provides the same printing qualities as B110A. Special designed ribbon for low-smoothness paper	Near-Edge
B130ED	For date coding application. High image density. It is designed to print on polypropylene and various packaging films at 20 to 24 ips.	Near-Edge

Resin Ribbon

PRODUCT	PERFORMANCE CHARACTERISTICS	PRINTER
B110C	A resin based ribbon designed to print on film and synthetic materials. High solvent resistance. Resistance to smear, scratch and heat.	Flat Head
B110CR	A special designed ribbon for electronics, automotive and medical industries. B110CR has unparalleled solvent, abrasion and heat resistance. Prints at wider resolution (200 - 600 dpi).	Flat Head
B110CU	A special designed ribbon with ultra solvent resistance such as to Acetone, Toluene, MEK, Xylene, etc.	Flat Head
B120HS	For Polypropylene lamination application. B120HS has outstanding scratch, chemical and heat resistance. Used on conventional print head at up to 10 ips.	Flat Head

Resin for Textile

PRODUCT	PERFORMANCE CHARACTERISTICS	PRINTER
D110C	A resin based ribbon designed for the Garment Industry. It will print on nylon, acetate, satin and many other types of textile material. It can withstand ironing, washing, steam and dry cleaning. Also available in Blue (D210A) and Red (D310A).	Flat Head

PRODUCT INFORMATION

All data are for reference only. It is the responsibility of the end user to test all thermal transfer ribbon properties prior to final use.

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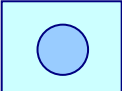



Product Name	RECEIVER MATCHING										
	Film Base										
	Light weight coated paper	Coated paper	Gloss paper	PE (Polyethylene)	PP Polypropylene	PVC (Polyvinyl-chloride)	PET (Polyester)	PI (Polyamide)	Nylon	Polyester	Acetate

Wax-Resin Ribbon	B110A	★	★	★	★	★	★	★	★	★	★	★
	B120E	★	★	★	★	★	★	★	★	★	★	★
	B130ED	○	○	○	★	★	○	★	★	○	○	○

Resin Ribbon	B110C	X	X	X	○	○	★	★	★	X	X	X
	B110CR	X	X	X	○	○	★	★	★	X	X	X
	B120HS	X	X	X	★	★	X	X	X	X	X	X

Resin	For Textile											
D110C	X	X	X	X	X	X	★	★	★	★	★	

NOTE:  Most suitable  Suitable  Not suitable

* Please note some receiving materials would not accept printing by these Thermal Transfer Ribbons.
 * If a specific treatment which is suitable for TTR printing is made on receiving materials, suitability will expand.
 (For instance, synthetic paper made of PP with suitable coating for TTR printing will have best printed image with B110C, B110CR and D110C).