



Technical Data Sheet

TTRR-J

THERMAL TRANSFER RESIN RIBBON

GENERAL DESCRIPTION: TTRR-J is a resin thermal transfer ribbon. It has high sensitivity for high speed printing with assurance of consistently high printing quality. Polyester film liner.

USES: Ideal for printing on glossy and some matte film materials where regular resin ribbons will not print. Also a grade up from a regular wax/resin ribbon, where more scratch resistance is required on some materials. Other applications include rating plates, nameplates, and industrial bar code applications requiring standard durability. This ribbon has good solvent and scratch resistance.

FEATURES: This ribbon is designed for printing on label materials that will be used indoors or outdoors. There is good smudge, chemical and abrasion-resistance. This ribbon can be used on matte and glossy films. Matte materials will require a higher burn temperature than the glossy materials. Not for use on near edge printers.

RECOGNITION(S): RoHS Directive 2002/95/EC Compliant

PHYSICAL PROPERTIES	TEST METHODS	CONVENTIONAL UNITS	S.I. UNITS
THICKNESS	Ribbon w/backing	0.263 (+/- .02) mils	6.7 (+/- .5) microns
	Total	0.263 (+/- .02) mils	6.7 (+/- .5) microns

SERVICE TEMPERATURES Based upon material it is printed on

STANDARD BURN TEMPERATURES 19-26 on a Zebra Printer

WARRANTY
"Our products are sold with the understanding that the buyer will test them in actual use and determine for himself their adaptability to his intended uses. We warrant to the buyer that our products are free from defects in material and workmanship. This warranty is in lieu of any other warranty, expressed or implied"

TESTING:

Test should be conducted at room temperature after 24 hour dwell.

CHEMICAL REAGENT: LABEL STOCK(Coated Polyester Film): **PRINTED WITH THE TTRR-J RIBBON:**

2 Minute Soak & Dried**Rubbed with Cotton
Cloth 200g/cm**

	Barcode Grade Before Testing	Barcode Grade After Testing	Barcode Grade Before Testing	Barcode Grade After Testing
Gasoline	A	A	A	C
Kerosene	A	B	A	B
Acid Solution (PH3)	A	B	A	B
Alkaline Solutions (PH12)	A	B	A	B
Isopropyl Alcohol	A	B	A	C
Ethanol	A	B	A	C

It is recommended that the materials should be tested at the customer site in actual use to verify test results listed above

STORAGE STABILITY:

Product should be stored at 70°F (21°C) and 40-50% relative humidity to ensure optimal performance.

SHELF LIFE:

4 years @ proper storage conditions.

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