



# Technical Data Sheet

## TTRR-B

### THERMAL TRANSFER HIGH PERFORMANCE RESIN RIBBON

**GENERAL DESCRIPTION:** TTRR-B is a high performance resin thermal transfer ribbon. It is backed with polyester liner and gives a consistently high printing quality.

**USES:** Ideal for printing on glossy coated film materials. Ideal for use where chemical, abrasion, and heat durability is required. Other applications include rating plates, component marking and industrial bar code applications requiring excellent durability.  
This ribbon is designed to withstand many bottom side circuit board processes when printed on a glossy polyimide material like TT401, TT403, and TT451.

**FEATURES:** This ribbon is designed to offer superior smudge and solvent resistance. The TTRR-B ribbon is an excellent choice for ultra fine or high-density printing.

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

PHYSICAL PROPERTIES	TEST METHODS	CONVENTIONAL UNITS	S.I. UNITS
THICKNESS	Ink & Carrier	Less than .354 mils	Less than 9 microns
	Total	Less than .354 mils	Less than 9 microns
SERVICE TEMPERATURES	Based upon material it is printed on		
STANDARD BURN TEMPERATURES	21-29 on a Zebra Printer Lower burn on glossy polyester, higher on glossy polyimide and medium to high on matte polyester like TT762		
EXTERIOR DURABILITY	No test data available		
STORAGE CONDITIONS	Product should be stored at 70°F (21°C) and 40-50% relative humidity to ensure optimal performance.		
SHELF LIFE:	2-4 years @ proper storage conditions.		

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