IDENTCO INTERNATIONAL

Technical Data Sheet

TTRR-S

THERMAL TRANSFER RESIN RIBBON

GENERAL DESCRIPTION: TTRR- is a resin thermal transfer ribbon. It has high sensitivity for high speed printing with assurance of consistently high printing quality. Anti-static and anti-static backcoating

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 ribbon, where more scratch resistance is required on regular paper 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.

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

PHYSICAL PROPERTIES	**TEST METHODS**	**CONVENTIONAL UNITS**	**S.I. UNITS**
THICKNESS	Ribbon w/backing	0.248-0.283 mils	6.3-7.2 microns
	Total	0.248-0.283 mils	6.3-7.2 microns

SERVICE TEMPERATURES Based upon material it is printed on

STANDARD BURN TEMPERATURES 19-26 on a Zebra Printer

TESTING:

Test should be conducted at room temperature after 24 hour dwell. Testing should consist of five cycles of 10 minute immersions in the specified chemical reagent followed by 30 minute recovery periods.

CHEMICAL REAGENT:	**LABEL STOCK: PRINTED WITH THE TTRR-S RIBBON:**
Household Cleaners	No effect
Mild Acid	No effect
Oil	No effect
Water	No effect
Isopropyl Alcohol	No effect
Mineral Spirits	Removed
Toluene	Removed

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.