



**Industrial Labeling Systems**  
CORPORATION

# RB-8000

## Premium Resin Thermal Transfer Ribbon

### PRODUCT CONSTRUCTION

Ink Material:	Resin
Base Film Thickness:	4.5 mil +/- 0.5
Tensile Strength:	20 kg/mm <sup>2</sup> or higher (MD) 16 kg/mm <sup>2</sup> or higher (TD)
Ink Melting Point:	170°C
Optical Density:	2.00

### FEATURES

- Designed for use on most Polyester and Polyimide labels.
- Outstanding scratch and scuff resistance.
- Available in multiple widths for all major thermal transfer printers.
- UL recognized for indoor and outdoor use.
- High heat resistance 180°C (256°F).
- Very high speed printing.

### ENVIRONMENTAL PERFORMANCE

Smudge Resistance:	ANSI Grade A (Test Condition: 100 cycles @ 500 grams with cotton cloth)
Scratch Resistance:	ANSI Grade A (Test Condition: 50 cycles @ 200 grams with stainless steel pointed tip)

<u>Chemical</u>	<u>Performance</u>
Isopropyl Alcohol	Very Good
Formula 409	Very Good
Mineral Spirits	Very Good
Aqueous Wash	Excellent
Kerosene	Excellent
Gasoline	Excellent
Brake Fluid	Excellent

*NOTE: Where ANSI (American National Standards Institute) Grades are referenced, these are noted as A (excellent), B (above average), C (average), D (below average) and F (poor). Grades are measured at the given conditions.*

---

10 Kidder Road, Chelmsford, MA, 01824, USA

978-250-4414 Fax: 978-250-1633

[www.ils-barcode.com](http://www.ils-barcode.com)