# L8001 Polyimide Film Barcode Label

# Technical Data Page Oct, 2006 **Product Description:** L8001 is a Polyimide film label designed for bar code printing application. The matte white top coat enhances excellent readability of barcode. **Features:** Dimensional stability at high temperature, chemical resistance, good endurance to withstand continued high temperature. Matte white top coat performs excellent readability of barcodes. As printed circuit board tracking label that knows manufacture condition. Construction: White thermal transfer printable topcoat Polyimide film Acrylic adhesive Glassine release paper

## **Physical Properties:**

Item		Unit	Data
Face material (PI film and topcoat)	Thickness	mm	0.04
	weight	g/m <sup>2</sup>	72
Liner	Thickness	mm	0.055
	weight	g/m <sup>2</sup>	62
Adhesive coat weight		g/m <sup>2</sup>	21
Adhesion to steel		Kg/25mm	> 0.5
Initial tack		No. /ball	>3
Holding Power		Hour/20x20mm/kg	>5
Release force		g/25mm	5~15
Service Temperature		Degree C	-20 ~ +270
Ideal Application Temperature		Degree C	+10~+40

- 1. The technical information and data provided here should be considered representative or typical only and should not be used for specification purposes.
- 2. In case applied to specific occasion, please test previous under end-use condition.
- 3. The product must be stored in shady or cool place and do not expos to sunlight directly

### **Shelf Life:**

12 months from the date of shipment to the customer side, when storage at original carton at 73 degree F and 65% RT.

#### **Important Notice to Purchasers:**

All statements, technical information and recommendations contained in this Data Sheet are based on tests. 3M believes to be reliable, but the accuracy or completeness of those tests is not guaranteed. The following is made in lieu of warranties, express or implied. Seller's and manufacturers only obligation will be to replace such quantity of product proved to be defective. Neither the seller nor 3M will be liable for any inquiry, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, the user must determine the suitability of the product for his or her intended use. The user assumes all risk and

liability in connection with the use of the product. Any statement or recommendation not contained in this notice has no force or effect unless in a written agreement signed by officers of the seller and 3M.

Industrial Tapes and Adhesives Division 3M Hong Kong Limited 5th Floor, Victoria Centre 15 Watson Road, Hong Kong TeL:852-28066111 www.3M.com

©3M June 2006