



# Durable Print Solutions

## SR40 Extreme Chemical Ribbon

Technical data

January, 2012

### Product Description

Rebo SR40 Resin Ribbon is a black thermal transfer resin ribbon designed to work with most flat head technology thermal transfer printers.

### Typical Physical Properties

**Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

<b>Total ribbon thickness (black)</b>	< 9 micron
<b>Polyester carrier thickness</b>	4.5 micron

(Calipers are nominal values)

### Key Features

- Offers excellent smudge and abrasion resistance when printed on Rebo recommended media.
- Enables sequential labeling of parts at the point of application without the need for over-lamination.
- Offers high solvent and chemical resistance when printed on a range of Rebo recommended receiving media.

### Application Ideas

- Recommended for on-demand variable printing applications in Automotive, Electronics (e.g. chemical cleaning, degreasing), Laboratory, Chemical Drum and IBC labeling.

### Recommended Receiving Media

**Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

To achieve maximum resistance properties Rebo SR40 Ribbon is recommended for use with the following label materials:

Durability	Rebo Label Material	Facestock	Adhesive	Liner
ULTRA	76717 NA	White Polypropylene	350	55# DK
HIGH	7246	White Polyester	350	40# DK
	7247	Silver Polyester	350	40# DK
STANDARD	7815	Matte White Polyester	310	55# DK
	7868	White Polyester	350	55# DK
	7871	White Polyester	350 1.8	55# DK



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### Solvent and Chemical Resistance Test Method:

Rebo Polypropylene Label Material 76717NA was printed with Rebo SR40 Resin Ribbon on a Zebra 140XiIII thermal transfer printer at a burn setting of 25 and print speed of 4 inches/second. Test fluids were applied to a dry cotton cloth and wiped over the print area. The number of double rubs (300g pressure) was recorded at the point when the print was damaged / removed or changed visually.

### Grading: Solvent & Chemical resistance

#### 4 - EXCELLENT

(minimal or no print damage.  
80-100 rubs)

#### 3 - GOOD

(minor print damage.  
50-80 rubs)

#### 2 - AVERAGE

(ribbon partially removed.  
20-50 rubs)

#### 1 - POOR

(ribbon removed. 0-20 rubs)

### Abrasion resistance cUL - Rebo SR40 Resin Ribbon Rebo Label Material 76717NA

Minimal or no damage observed  
after 100 cycles.

Conditions: CS-10 Calibrase  
wheels, 250g load.

Test Chemical	Rebo SR40 Resin Ribbon Rebo Polypropylene Label Material 76167NA
Acetone	4
Methyl ethyl ketone (MEK)	4
Isopropyl Alcohol (IPA)	4
Brake Fluid (Dot)	4
Diesel	4
Petrol	4
Motor Oil	4
Skydrol (LD4)	4
Heptane	3
Formula 409	4
3M Citrus Cleaner	2
Lemon Grass Oil	4

### Storage

Store at standard room temperature 70°F (21°C) and 50% relative humidity.

### Shelf Life

24 months from date of manufacture by Rebo when stored in the original packaging at 70°F (21°C) and 50% relative humidity.



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### Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that Rebo believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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### Product Use

Many factors beyond Rebo's control and uniquely within user's knowledge and control can affect the use and performance of a Rebo product in a particular application. Given the variety of factors that can affect the use and performance of a Rebo product, user is solely responsible for evaluating the Rebo product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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ISO 9001 : 2008

This Industrial Identification product was manufactured under a Rebo quality system registered to ISO 9001:2008 standards.



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