18900 Panduit Drive Tinley Park, IL 60487

Customer Service: 800-777-3300

TDS: ResinRibbon Effective Date: Revision:

15JAN16

Thermal Transfer Resin Ribbon

This specification is intended to outline the physical and chemical properties of *PANDUIT*'s black thermal transfer resin ribbon and include the following part numbers.

Ribbon Part Number		
RHR4BL-S	RMR2BL	RMRP468BL
RHR4BL-Z	RMR4BL	RMRP466BL
RHR2BL-S	RMER2BL	
	RMER4BL	

PRODUCT SPECIFICATIONS:

Ribbon Property

Base Material: Polyester film

 $\begin{array}{ll} \text{Base Film Caliper:} & 4.5 \ \mu\text{m} \\ \text{Ink Color:} & \text{Black} \\ \text{Ink Formulation:} & \text{Resin} \end{array}$

Ribbon Thickness: <9.0 μm

Printing Property

Image Density: 1.6 ODR

Maximum Print Speed: 6 IPS

Recommended Substrates: Matte and high gloss paper, synthetics,

(PVC, PET, PE, PP)

Optimal Print: Thermal transfer printing should occur in the temperature range of

40°F-95°F(5°C-35°C) at 20% - 80% R.H.

Usage Condition: $40^{\circ}\text{F}-95^{\circ}\text{F}(5^{\circ}\text{C}-35^{\circ}\text{C})$ at 20% - 80% R.H.

Storage Condition: Keep indoor, avoiding high temperature (such as beside heat source), high

humidity, and direct sunlight.

Storage Life: One year at storage conditions.

Ribbon components are not considered health hazards, except when exposed to fire.

Features:

- 1. Superior image durability.
- 2. Excellent chemical, solvent and heat resistance.
- 3. Very good edge definition and print quality.
- 4. Special back coating provides excellent print-head protection, and anti-static properties.



Technical Data Sheet

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