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18900 Panduit Drive
Tinley Park, IL 60487
Customer Service: 800-777-3300

TDS: ResinRibbon
Effective Date: 15JAN16
Revision: 3

Technical Data Sheet

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
Base Film Caliper:	4.5 μm
Ink Color:	Black
Ink Formulation:	Resin
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 40^0F-95^0F(5^0C-35^0C) at 20% - 80% R.H.
Usage Condition:	40^0F-95^0F(5^0C-35^0C) 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.

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