

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 ⁰ F-95 ⁰ F(5 ⁰ C-35 ⁰ C) at 20% - 80% R.H. |
| Usage Condition: | 40 ⁰ F-95 ⁰ F(5 ⁰ C-35 ⁰ 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.

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