

Technical Data Sheet

THERMAL TRANSFER BLACK RESIN RIBBON

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

| Ribbon Part Number | | |
|--------------------|-------------|-------------|
| GMRMR4BL-A | GMRMER4BL-A | GMRHER4BL-A |

PRODUCT SPECIFICATIONS:**Ribbon Property**

| | |
|----------------------------|----------------|
| Base Material: | Polyester film |
| Base Film Caliper: | 4.5 µm |
| Ink Color: | Black |
| Ink Formulation: | Resin |
| Ink Coat Weight: | 2.20 g/sq.m |
| Ink Softening Temperature: | 100°C(212°F) |
| Outdoor rated | |

Printing Property

| | |
|------------------------------|---|
| Print Optical: | >1.9 |
| Ribbon Transmission Density: | >0.85 |
| Bar Code Print Contrast: | 98% |
| Recommended Substrates: | Rigid PVC, shrink tubing and select synthetic label films |

Storage Condition:

1. Avoid temperatures above 40°C (104°F)
2. Maintain above freezing temperatures 0°C (32°F)
3. Keep ribbon protected during storage.
4. Shelf life – 1 year
5. Ribbon components are not considered health hazards, except when exposed to fire. Practice normal industrial hygiene and avoid ingestion.

Features:

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



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TDS: Black Resin Ribbon
Effective Date: 08/04/2014
Revision: 0

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