

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Brady](#) /
- › [Brady R6006 6000 Series Thermal Transfer Printer Ribbon User Manual](#)

Brady R6006

Brady R6006 6000 Series Thermal Transfer Printer Ribbon User Manual

Model: R6006

[Overview](#) [Installation](#) [Operation](#) [Introduction](#) [Product](#)
[Maintenance](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of the Brady R6006 6000 Series Thermal Transfer Printer Ribbon. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

The Brady R6006 is a high-quality black thermal transfer ribbon designed for use with compatible Brady thermal transfer printers. It is part of the 6000 Series, known for its durability and excellent print quality. This ribbon is ideal for various labeling applications requiring clear, long-lasting prints.



Figure 1: Brady R6006 Thermal Transfer Printer Ribbon. This image shows the black thermal transfer ribbon wound on a core, ready for installation into a compatible printer.

Key Features:

- **Model:** R6006
- **Series:** 6000 Series
- **Color:** Black
- **Length:** 984 feet (approximately 300 meters)
- **Width:** 1.57 inches (approximately 40 mm)
- **Application:** Designed for thermal transfer printing on various label materials.

3. INSTALLATION

Proper installation of the thermal transfer ribbon is crucial for optimal print quality and to prevent damage to the printer or ribbon. Always refer to your specific Brady thermal transfer printer's user manual for detailed, model-specific installation

instructions.

1. **Power Off Printer:** Ensure the thermal transfer printer is turned off and unplugged before beginning installation.
2. **Open Printer Cover:** Open the printer's media cover or access panel to expose the ribbon and label loading area.
3. **Remove Old Ribbon (if applicable):** If replacing an existing ribbon, carefully remove the used ribbon core and any remaining ribbon material.
4. **Load New Ribbon:**
 - Place the new Brady R6006 ribbon onto the supply spindle. Ensure the ribbon unwinds correctly, with the coated side facing the print head (usually the duller side).
 - Thread the ribbon through the printer's designated path, typically passing under the print head and over the take-up spindle.
5. **Secure Ribbon:** Attach the leading edge of the ribbon to the empty take-up core. Ensure the ribbon is taut and aligned properly to prevent wrinkles during printing.
6. **Close Printer Cover:** Close the printer cover securely.
7. **Power On Printer:** Plug in and power on the printer. The printer may perform a calibration or self-test.

Note: *Incorrect ribbon loading can lead to poor print quality, ribbon breakage, or printer errors. If you are unsure, consult your printer's manual or contact Brady support.*

4. OPERATION

Once the Brady R6006 ribbon is correctly installed, the printer is ready for operation. The ribbon works in conjunction with compatible thermal transfer labels to produce durable prints.

1. **Load Labels:** Ensure compatible thermal transfer labels are loaded correctly into the printer.
2. **Printer Settings:** Configure your printer's settings (via its control panel or software driver) to match the ribbon and label type. This includes selecting "Thermal Transfer" mode and adjusting print darkness/heat settings as needed for optimal results.
3. **Print Test:** Perform a test print to verify print quality and ribbon alignment. Adjust settings if necessary.
4. **Begin Printing:** Once satisfied with the test print, proceed with your labeling tasks.

Tip: *For best results, use Brady-recommended labels with your R6006 ribbon.*

5. MAINTENANCE

Proper handling and storage of the Brady R6006 ribbon will extend its shelf life and ensure consistent print quality.

- **Storage:** Store unused ribbons in their original packaging in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid touching the ribbon's coated surface with bare hands, as oils and dirt can affect print quality. Handle ribbons by their cores.
- **Printer Cleaning:** Regularly clean your thermal transfer printer's print head and platen roller as recommended by the printer manufacturer. A dirty print head can lead to poor print quality and premature ribbon wear.
- **Ribbon Replacement:** Replace the ribbon when it is fully used or if print quality significantly degrades.

6. TROUBLESHOOTING

This section addresses common issues you might encounter when using the Brady R6006 ribbon.

Problem	Possible Cause	Solution
Faint or incomplete print	<ul style="list-style-type: none"> • Incorrect print darkness setting • Dirty print head • Ribbon loaded incorrectly (coated side not facing print head) • Incompatible labels 	<ul style="list-style-type: none"> • Increase print darkness/heat setting in printer driver. • Clean the print head according to printer manual. • Re-install ribbon, ensuring correct orientation. • Use recommended Brady thermal transfer labels.
Ribbon breaks or wrinkles	<ul style="list-style-type: none"> • Ribbon tension too high • Ribbon not aligned properly • Damaged print head or platen roller 	<ul style="list-style-type: none"> • Adjust ribbon tension settings on the printer. • Re-align the ribbon path. • Inspect print head and platen roller for damage; replace if necessary.
No print at all	<ul style="list-style-type: none"> • Ribbon is empty • Printer not in thermal transfer mode • Ribbon not installed 	<ul style="list-style-type: none"> • Replace with a new ribbon. • Ensure printer is set to thermal transfer mode. • Install the ribbon correctly.

If you continue to experience issues, please consult your printer's user manual or contact Brady technical support.

7. SPECIFICATIONS

Attribute	Detail
Brand	Brady
Model Number	R6006
Series	6000 Series
Color	Black
Length	984 feet (approx. 300 meters)
Width	1.57 inches (approx. 40 mm)
Product Dimensions (L x W x H)	3.48 x 3.99 x 1 cm (packaging)
Product Weight	100 g
UPC	662820557548
GTIN	00662820557548

8. WARRANTY AND SUPPORT

Specific warranty information for the Brady R6006 Thermal Transfer Printer Ribbon was not provided in the product data. For details regarding warranty coverage, technical support, or service, please contact Brady directly through their official website or customer service channels.

You can typically find contact information and support resources on the [Brady Corporation website](#).



© 2023 Brady Corporation. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.