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› Evolis R2011 Black Monochrome Ribbon User Manual

Evolis r2011-dsbb

Evolis R2011 Black Monochrome Ribbon User Manual

1. INTRODUCTION

Welcome to the user manual for the Evolis R2011 Black Monochrome Ribbon. This document provides essential information for the proper installation, operation, and maintenance of your ribbon to ensure optimal performance with compatible Evolis card printers. Please read this manual thoroughly before use to achieve the best printing results and extend the life of your equipment.

2. PRODUCT OVERVIEW

The Evolis R2011 is a black monochrome ribbon designed for single-color printing on plastic cards. It is engineered to produce sharp, high-quality text, barcodes, and simple graphics. Each roll provides a yield of approximately 1000 prints, making it suitable for various card personalization applications where black text or imagery is required.



Image: Evolis R2011 Black Monochrome Ribbon. This image displays the ribbon cartridge, featuring two black spools with the black monochrome ribbon material stretched between them. The spools are designed for easy installation into compatible Evolis card printers.

3. SETUP AND INSTALLATION

1. **Prepare the Printer:** Ensure your Evolis card printer is powered off and unplugged before beginning the installation process. Open the printer's cover to access the ribbon compartment.
2. **Remove Used Ribbon (if applicable):** If a used ribbon is present, carefully remove it from the printer. Dispose of used ribbons responsibly according to local regulations.
3. **Unpack New Ribbon:** Remove the Evolis R2011 ribbon from its packaging. Handle the ribbon by its spools to avoid touching the ribbon film directly, as oils and dirt can affect print quality.
4. **Install the Ribbon:** Locate the ribbon loading mechanism within your printer. Align the ribbon spools with the corresponding spindles in the printer. Gently push down until the ribbon cartridge clicks securely into place. Refer to your specific printer's user manual for detailed loading instructions, as procedures may vary slightly by model.
5. **Close Printer Cover:** Once the ribbon is correctly installed, close the printer cover securely.
6. **Power On:** Plug in and power on your printer. The printer will typically perform a self-test and recognize the new ribbon.

4. OPERATING INSTRUCTIONS

After successful installation, the Evolis R2011 ribbon is ready for use with your compatible Evolis card printer.

- **Software Configuration:** Ensure your printer driver and card design software are configured for monochrome black printing. Select the appropriate ribbon type (monochrome black) in your printer settings to ensure correct color mapping and print head operation.
- **Card Loading:** Load blank cards into the printer's input hopper. Ensure cards are clean, free of dust or debris, and of the correct type and thickness for your printer.
- **Printing:** Initiate the print job from your computer. The printer will feed a card, print the design using the black monochrome ribbon, and then eject the finished card into the output hopper.
- **Monitoring Ribbon Usage:** Your printer software may provide an estimate of remaining ribbon capacity. Replace the ribbon when the printer indicates it is empty or when print quality degrades significantly, such as faded or incomplete prints.

5. MAINTENANCE

Proper maintenance helps extend the life of your printer and ensures consistent, high-quality print output from your Evolis R2011 ribbon.

- **Ribbon Storage:** Store unused ribbons in their original, sealed packaging in a cool, dry place, away from direct sunlight, high humidity, and extreme temperatures. This prevents premature degradation of the ribbon material.
- **Printer Cleaning:** Regularly clean your card printer according to the manufacturer's recommendations. This typically involves using cleaning cards and swabs to remove dust, card debris, and ribbon residue that can affect print quality and ribbon life. A clean printer ensures optimal ribbon performance.
- **Avoid Contamination:** Do not touch the ribbon film with bare hands. Oils, lotions, and dirt can transfer to the ribbon, leading to print defects and potential damage to the print head.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Poor Print Quality (faded, streaky, incomplete)	Dirty print head, ribbon nearing end of life, incorrect printer settings, contaminated cards.	Clean the print head using a cleaning card or swab. Replace the ribbon if it is low or expired. Verify printer driver settings for monochrome black printing. Ensure cards are clean.
Ribbon Breakage	Improper ribbon installation, foreign object in printer, worn printer parts, excessive tension.	Reinstall ribbon correctly, ensuring it is seated properly and not twisted. Inspect printer for any obstructions. If recurring, contact technical support as internal printer components may be worn.
Printer does not recognize ribbon	Ribbon not installed correctly, incompatible ribbon, sensor issue, ribbon chip error.	Ensure ribbon is seated properly and clicked into place. Confirm the ribbon is the correct type (Evolis R2011) for your specific printer model. Consult your printer manual for sensor locations and cleaning procedures.

7. SPECIFICATIONS

- **Product Type:** Monochrome Ribbon
- **Color:** Black
- **Model Number:** R2011 (Manufacturer Part Number: r2011-dsbb)
- **Print Yield:** Approximately 1000 prints per roll
- **Brand:** Evolis
- **Item Weight:** 2.4 ounces
- **Product Dimensions:** 2.8 x 1.8 x 4.8 inches
- **ASIN:** B007QV9L9W
- **Date First Available:** March 22, 2012

8. WARRANTY AND SUPPORT

For specific warranty information regarding the Evolis R2011 Black Monochrome Ribbon, please refer to the documentation provided with your Evolis card printer or visit the official Evolis website. For technical support or further assistance, please contact your authorized Evolis reseller or Evolis customer service. They can provide specialized guidance for your specific printer model and ribbon usage.

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