



TD-4420DN(FC) and TD-4550DNWB(FC)

Addendum

Definitions of Notes

We use the following symbol throughout this Addendum:

| | |
|---|--|
|  | Tips icons indicate helpful hints and supplementary information. |
| NOTE | NOTE specifies the operating environment, conditions for installation, or special conditions of use. |
| Bold | Bold style identifies buttons on the machine's control panel or computer screen. |
| <i>Italics</i> | Italicised style emphasises an important point or refers you to a related topic. |

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Important Notes

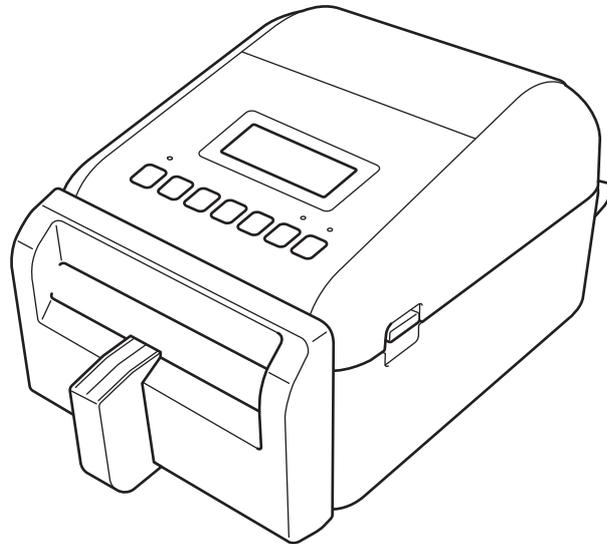
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Introduction

TD-4420DN(FC)/TD-4550DNWB(FC) are Label Printers designed to print only Linerless Labels.



Your printer model comes with the following optional parts already installed. When you need to replace parts, or if you want to keep spare parts available, use the part numbers listed here.

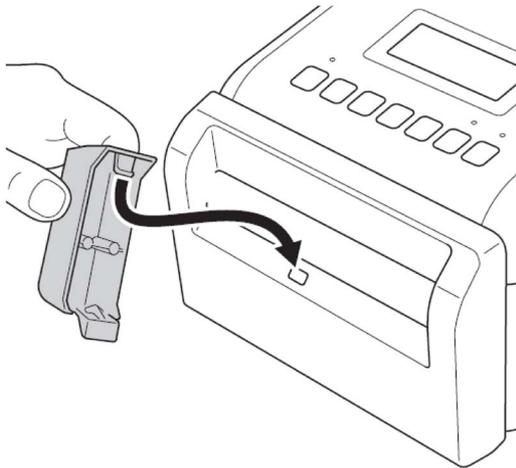
| | | |
|-----------------|---|---|
| TD-4420DN(FC) | PA-LCU-002 PA-LPR2-002 PA-HU2-001 | Linerless Cutter Linerless Platen Roller 203 dpi Thermal Print Head 203 dpi |
| TD-4550DNWB(FC) | PA-LCU-002 PA-LPR3-002 PA-HU3-001 | Linerless Cutter Linerless Platen Roller 300 dpi Thermal Print Head 300 dpi |

- DO NOT use a standard Platen Roller or a standard Cutter for these Label Printers.
- For available media information, visit: support.brother.com/g/d/f4fi.

Set Up Your Printer

Insert the Label Support

1. Insert the Label Support into the center of the Label Output Slot, as shown.



2. Gently press the Label Support until it locks into place.



Load the Linerless Label Roll

Follow the instructions in the **Load the RD Roll** section of the *User's Guide* for TD-4420DN/4550DNWB models support.brother.com/manuals.

NOTE

- DO NOT leave the roll in the Label Printer for long periods of time when it is not in use.
- Store the roll in a cool, dry place, away from direct sunlight, liquids, dust, and dirt. Dust and dirt can shorten the life of the Print Head due to the extra friction caused by the particles.
- Store the rolls with the roll core positioned vertically. If you store the roll horizontally, the quality of the label may deteriorate.

Print Labels

Select the Linerless Label Roll

■ Supported Linerless Label Roll

Import the supported linerless label roll list from the **Paper Size Setup** in the Printer Setting Tool. (Follow the instructions in the **Paper Size Setup of Printer Setting Tool (Windows)** section of the *User's Guide* for TD-4420DN or TD-4550DNWB models support.brother.com/manuals.)

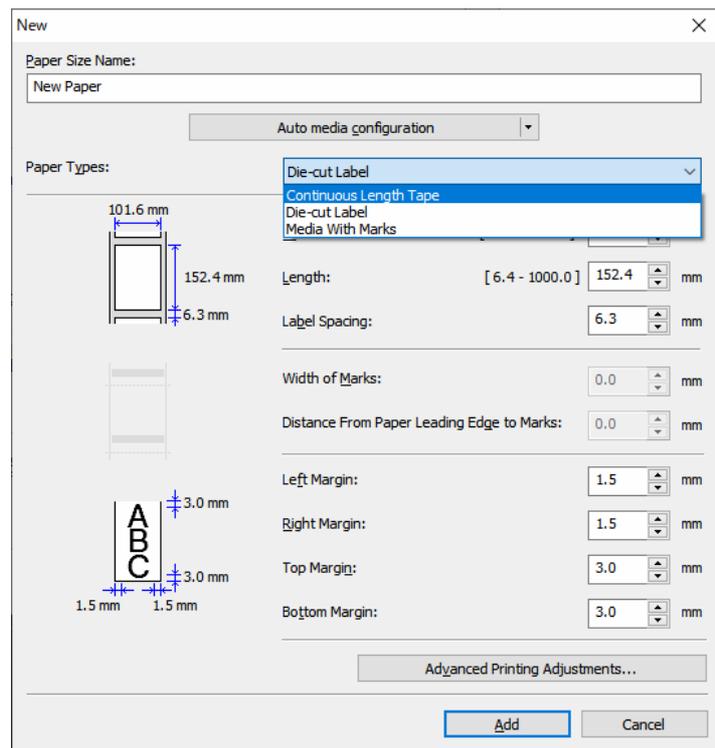
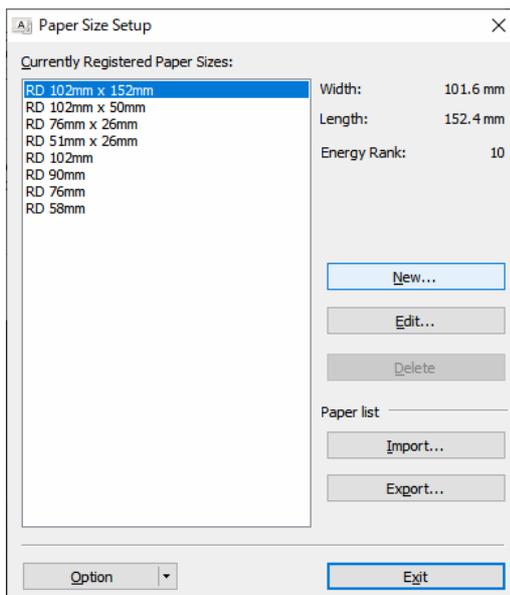
Visit support.brother.com/g/d/f4fi to get the linerless label roll list file.

■ Adding other Linerless Label Rolls

To register a new linerless label roll type, do the following:

In the Printer Setting Tool, select the **Paper Size Setup** option and click **New...** The **New** Dialog Box appears. From the **Paper Types**: drop-down menu, select **Continuous Length Tape** option, configure the tape settings, and then, click **Add**.

(Follow the instructions in the **Paper Size Setup of Printer Setting Tool (Windows)** section of the *User's Guide* for TD-4420DN or TD-4550DNWB models support.brother.com/manuals.)



When you change the Paper Type, some settings remain unchanged.

The following settings remain ON:

- Cut Every (1 label)
- Cut at end

The Use Peeler function option remains OFF.

Create and Print Labels

See instructions for various methods of creating and printing linerless labels in the chapters **Create Labels and Print Using Computer** or **Print Labels Using Mobile Devices** in the TD-4420DN/TD-4550DNWB *User's Guide* at support.brother.com/manuals.

NOTE

- When you print more than one label, make sure you remove the printed label to allow the next label to print.
- If roll paper is jammed inside the Label Printer, open the Roll Compartment Cover and gently remove the paper. DO NOT use force to pull out the paper.

Print Speed and Print Density

The default setting for auto speed configuration is set to OFF and the print speed depends on the model: TD-4420DN(FC) is set to 7ips (203dpi) and TD-4550DNWB(FC) is set to 5ips (300dpi).

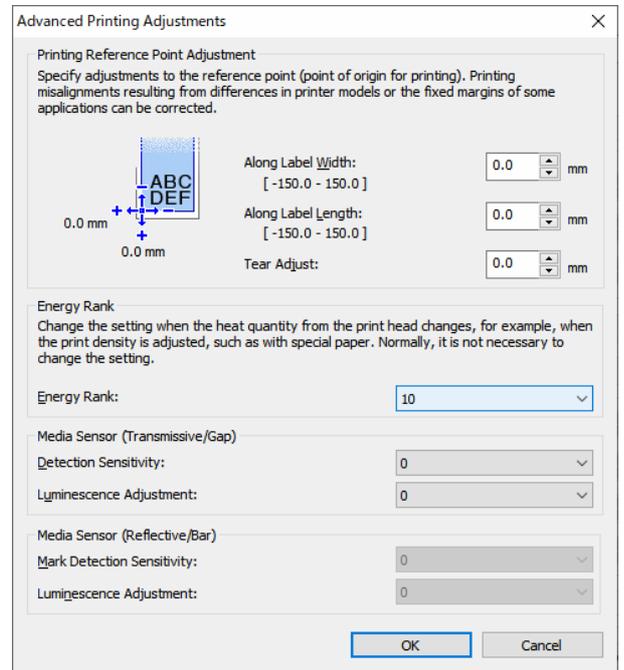
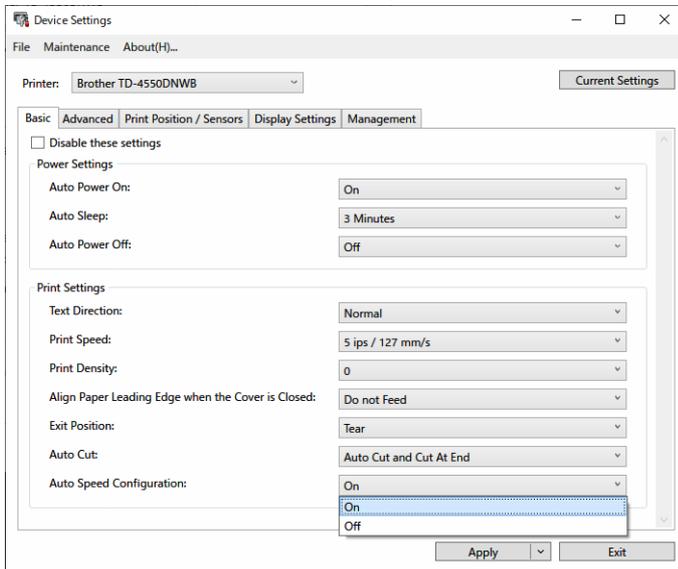
To adjust the print speed, go to the Printer Setting Tool and select **Device Settings > Basic > Print Speed**.

NOTE

If you increase the print speed, the printout may become lighter.

To adjust the print density, go to the Printer Setting Tool and select **Device Settings > Basic > Auto speed configuration OFF → ON**.

Go to the Printer Setting Tool and select **Paper Size Setup > Select the paper > Edit > Advanced Printing Adjustments > Energy Rank**.



NOTE

If you increase the **Energy Rank** value, the printout will be darker, and the print speed may be slower.

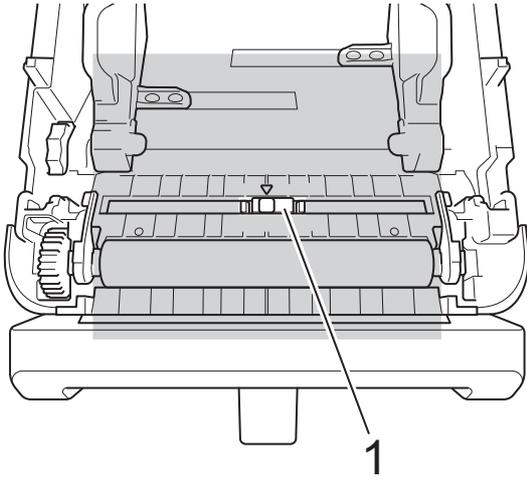
Routine Maintenance

Clean the Platen Roller and surrounding area

The Platen Roller may need cleaning if the print quality is poor.

Use the adhesive side of a Label to remove the dust or stains from the Platen Roller and surrounding area.

DO NOT clean the small clear window on the sensor.



1 Sensor

NOTE

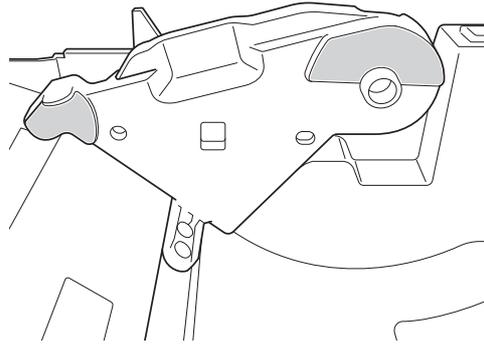
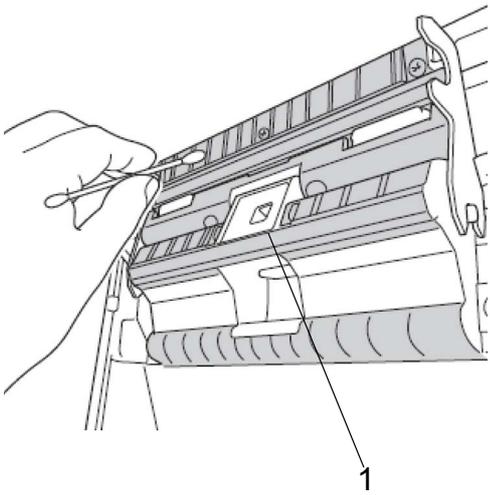
Cleaning the platen roller with solutions or abrasive materials will damage and may shorten the service life of the platen roller.

Clean the Print Head and surrounding area, the sides of Roll Guides, and the Label Support

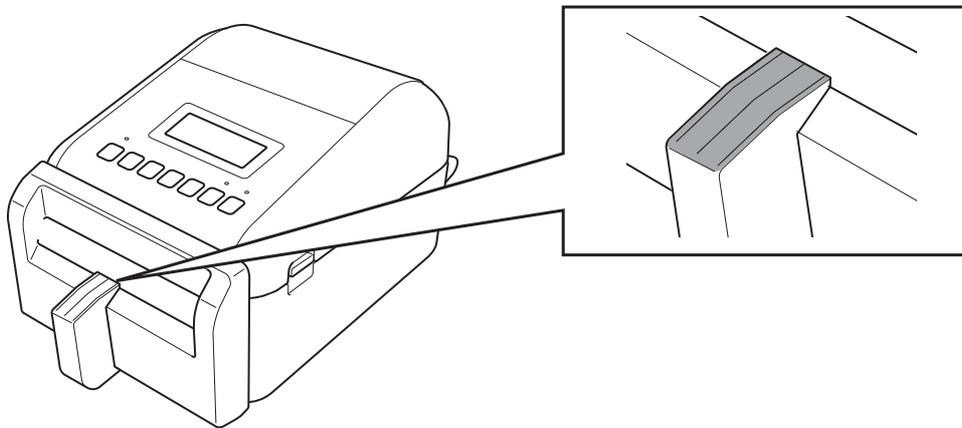
The Print Head, the sides Roll Guides and the Label Support may need cleaning if the print quality is poor.

Wipe the Print Head with a lint-free cloth or cotton swab dipped in isopropyl alcohol or ethanol.

DO NOT clean the small clear window of the sensor.



1 Sensor



NOTE

Use isopropyl alcohol or ethanol according to the manufacturer's safety guidelines, as applicable.

Printer Information

To obtain the printer information:

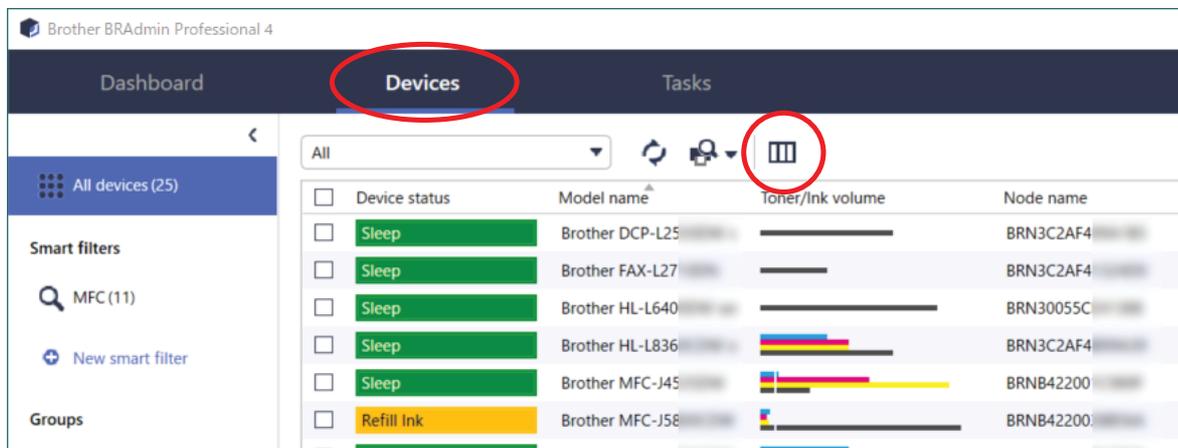
- Print the Printer Setup Information
- Check the Printer Status (BRAdmin Professional)

Print the Printer Setup Information

1. Turn the Label Printer ON.
2. Load a 102 mm (4.0") or wider linerless label roll into the printer.
3. Press **Menu**.
4. Press ▲ or ▼ to select the following:
 - a. Select the [Information] option. Press **OK**.
 - b. Select the [Print Configuration] option. Press **OK**.
5. Press ▲ or ▼ to select the [All], [Usage Log], [Printer Settings] or [Transfer Data] options, and then press OK.
6. Press ▲ or ▼ to select [Start]. Press OK.

Check the Printer Status

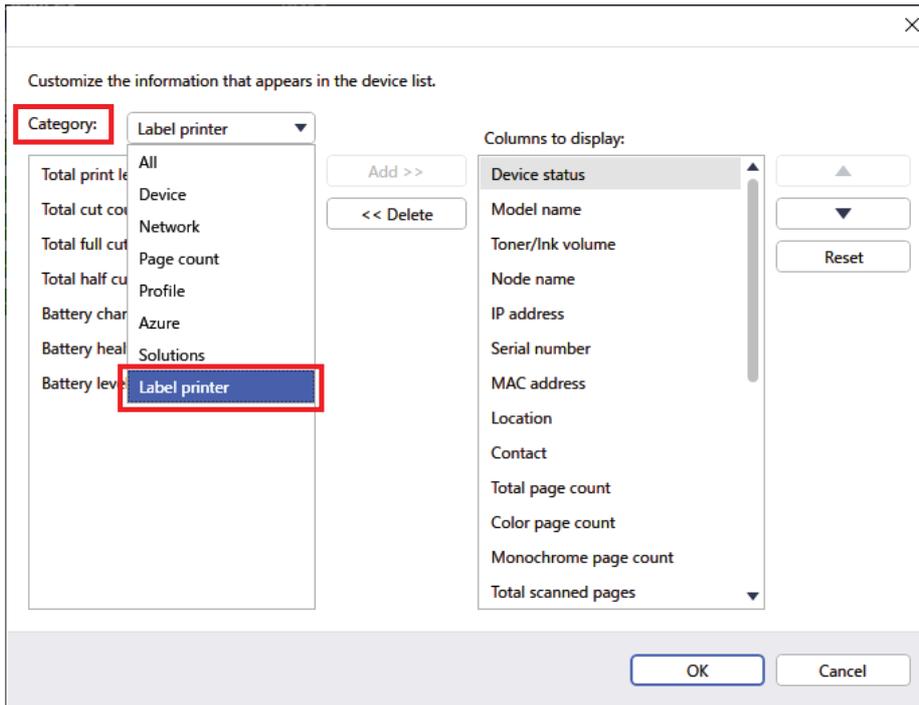
1. Start the BRAdmin Professional, select the **Devices** tab and then click .



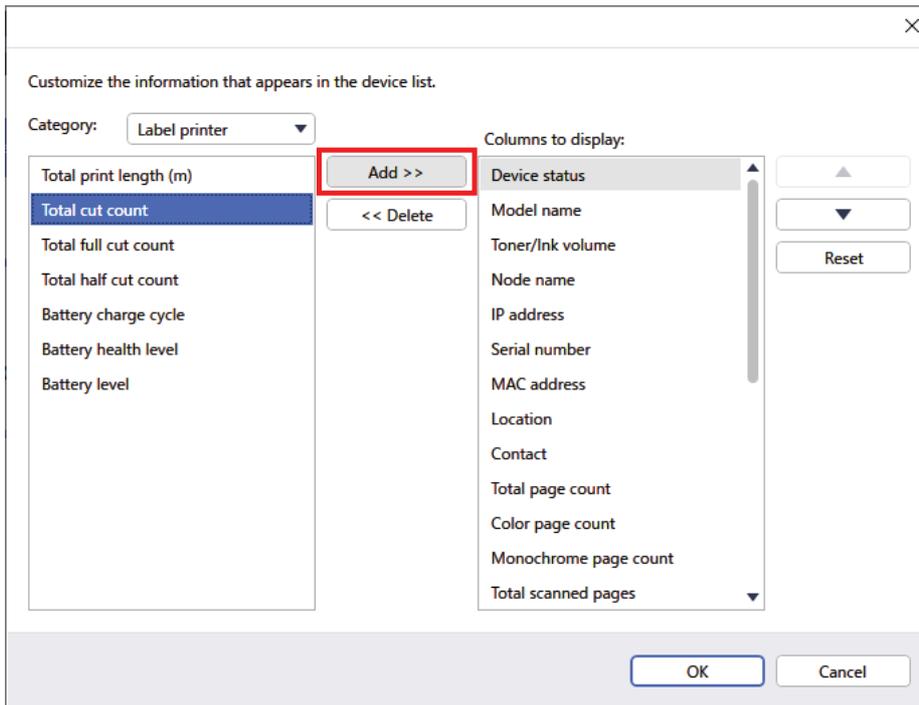
The screenshot shows the Brother BRAdmin Professional 4 interface. The 'Devices' tab is selected and circled in red. In the top right corner of the main area, a menu icon (three vertical bars) is also circled in red. Below the menu icon is a table of printer status information.

| Device status | Model name | Toner/Ink volume | Node name |
|-------------------------------------|-----------------|------------------|-----------|
| <input type="checkbox"/> Sleep | Brother DCP-L25 | | BRN3C2AF4 |
| <input type="checkbox"/> Sleep | Brother FAX-L27 | | BRN3C2AF4 |
| <input type="checkbox"/> Sleep | Brother HL-L640 | | BRN30055C |
| <input type="checkbox"/> Sleep | Brother HL-L836 | | BRN3C2AF4 |
| <input type="checkbox"/> Sleep | Brother MFC-J45 | | BRNB42200 |
| <input type="checkbox"/> Refill Ink | Brother MFC-J58 | | BRNB42200 |

2. From the **Category** drop-down list, select the **Label printer** option.



3. Select the information you would like to check and press **Add** to add it to the **Columns to display list**.



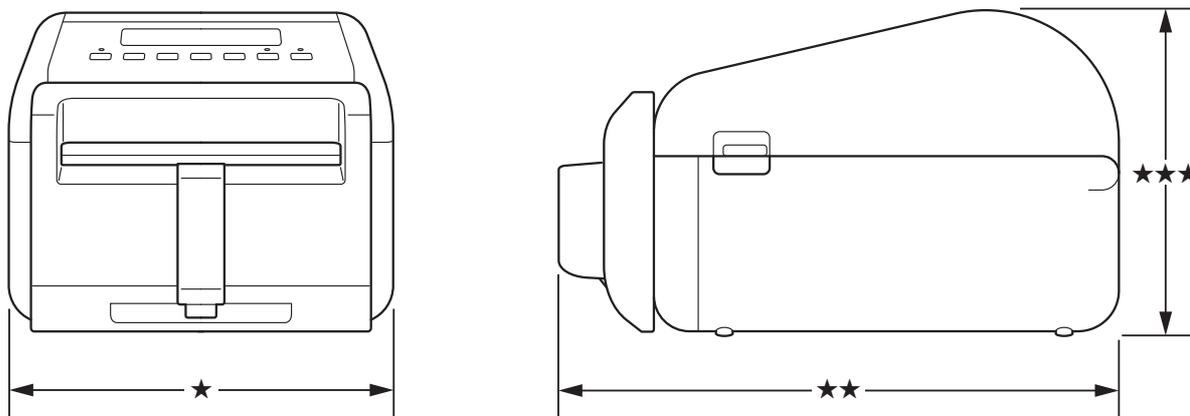
4. You can now check the status of your printer.

Troubleshooting

If you encounter problems when using your printer, try these solutions to resolve them.

| Problem | Solution |
|--|---|
| The print quality is poor. | <ul style="list-style-type: none"> • Clean the Platen Roller and surrounding area, the Print Head, the sides of the Roll Guides, and Label Support. For more information, see the Routine Maintenance section in this Addendum. • Reduce the print speed or Energy Rank. For more information, see the Print Speed and Print Density section in this Addendum. • If the print quality remains poor after trying the above solutions, replace the Print Head. |
| The cutter is losing its sharpness. | Replace the cutter. |
| My labels are getting jammed. | <ul style="list-style-type: none"> • Clean the Platen Roller and surroundings area, the Print Head, the sides of Roll Guides, and Label Support. • The label roll is wound incorrectly. Remove the label roll and replace it with a new one. • If the labels continuously become jammed in the printer, the Platen Roller may be worn and needs to be replaced. |
| My labels are wrinkled after printing. | <ul style="list-style-type: none"> • Label wrinkles may occur if the roll adhesive adheres to the Roll Guide. Adjust the position of the Roll Guides using the adjuster dial, following the instruction in the Load the RD Roll section of the <i>User's Guide</i> for TD-4420DN or TD4550DNWB models support.brother.com/manuals. • If the above solution does not solve the problem, replace the label roll. |

Specifications



Label Printer

| | |
|-------------------|--|
| Weight | 2.49 kg (5.49 lb) |
| Dimensions | ★ 180.0 mm (7.08") (W) ★★ 281.2 mm (11.07") (D) ★★★ 154.5 mm (6.08") (H) |

Media

| | |
|--|---|
| Type | Brother recommends using only supported linerless label rolls. Visit support.brother.com/g/d/f4fi for available media information. |
| Width | 39 mm (1.54"), 58 mm (2.28"), 80 mm (3.15"), 106 mm (4.17") |
| Minimum Length | 20 mm (0.78") |
| Thickness | 86 μm (0.0033"), 95 μm (0.0037") |
| Roll Outside Diameter (maximum) | 102 mm (4.02") |
| Core Diameter (minimum) | 25.4 mm (1.00") |
| Media Sensor | Transmissive, Label Taken, Reflective |

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