

The Brother Genuine TN450 High Yield Toner Cartridge is engineered to deliver sharp, professional-quality black and white prints. It offers an approximate page yield of up to 2,600 pages, based on ISO/IEC 19752 (Letter/A4) standards.



Image: Graphic highlighting the benefits of Brother Genuine Ink or Toner, including superior print quality, engineering for Brother printers, and seamless integration.

Compatible Printer Models:

- DCP-7060D, DCP-7065DN
- IntelliFax-2840, IntelliFax-2940
- HL-2220, HL-2230, HL-2240, HL-2240D, HL-2270DW, HL-2275DW, HL-2280DW
- MFC-7240, MFC-7360N, MFC-7365DN, MFC-7460DN, MFC-7860DW

PRINTER COMPATIBILITY

HL-2220	MFC-7240	DCP-7060D
HL-2230	MFC-7290	DCP-7065DN
HL-2240	MFC-7360	FAX-2840
HL-2240D	MFC-7360N	FAX-2940
HL-2270DW	MFC-7365DN	
HL-2275DW	MFC-7460DN	
HL-2280DW	MFC-7860DW	

Image: A list of Brother printer models compatible with the TN450 toner cartridge.

SETUP: TONER CARTRIDGE INSTALLATION

Follow these steps to correctly install your new Brother TN450 toner cartridge into your compatible Brother printer.

Video Guide: How to Change Brother TN450 Toner and Drum

Your browser does not support the video tag.

Video: A step-by-step guide demonstrating how to replace the TN450 toner cartridge and drum unit in a Brother printer.

- 1. Prepare the Printer:** Ensure your printer is powered on. Open the front cover of your Brother laser printer.
- 2. Remove the Drum Unit Assembly:** Carefully pull out the drum unit assembly (which contains the old toner cartridge) from the printer.
- 3. Remove the Old Toner Cartridge:** Press down the green lock lever on the left side of the drum unit and pull the old toner cartridge out of the drum unit.
- 4. Unpack the New Toner Cartridge:** Remove the new TN450 toner cartridge from its packaging. Gently shake the cartridge horizontally 5-6 times to distribute the toner evenly.

5. **Remove Protective Cover:** Remove the orange or black protective cover from the new toner cartridge.
6. **Install New Toner Cartridge:** Insert the new toner cartridge firmly into the drum unit until you hear it lock into place. The green lock lever will automatically lift if installed correctly.
7. **Clean the Corona Wire:** Gently slide the green tab on the drum unit from left to right and back several times to clean the corona wire. Return the tab to the home position (triangle mark).
8. **Reinstall Drum Unit Assembly:** Slide the drum unit assembly back into the printer until it stops. Close the front cover of the printer.



Image: A hand inserting the Brother TN450 toner cartridge into the printer's drum unit.

OPERATING INSTRUCTIONS

Once the toner cartridge is installed, your printer is ready for use. The TN450 cartridge is designed for consistent, high-quality output throughout its lifespan.

- **Print Quality:** Expect crisp, clear text and graphics. If print quality degrades, refer to the maintenance or troubleshooting sections.
- **Page Yield:** The TN450 cartridge yields approximately 2,600 pages at 5% coverage. Actual yield may vary significantly based on content of printed pages and other factors.

- **Low Toner Warning:** Your printer will display a "Low Toner" message when the cartridge is nearing the end of its life. You can typically continue printing for a short period after this warning appears.
- **Toner Life End:** When the "Toner Life End" message appears, the cartridge needs to be replaced to continue printing.

Available in **standard and high-yield options** for all of your printing needs

brother
genuine
INK & TONER

1,200*
pages



TN420

2,600*
pages



TN450

**Approximate toner cartridge yield in accordance with ISO/IEC 19752 (letter/A4).*

Image: A visual comparison showing the page yield difference between TN420 (1,200 pages) and TN450 (2,600 pages) toner cartridges.

MAINTENANCE

Regular maintenance helps ensure optimal print quality and extends the life of your printer components.

- **Corona Wire Cleaning:** If you notice vertical streaks or faded prints, clean the corona wire as described in step 6 of the installation process. This should be done periodically or when print quality issues arise.
- **Printer Environment:** Store toner cartridges in a cool, dry place away from direct sunlight. Operate your printer in a clean, dust-free environment.
- **Genuine Supplies:** Always use Brother Genuine toner cartridges to prevent potential damage to your printer and ensure consistent print quality.

TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Issue	Possible Cause	Solution
Faded or Light Prints	Low toner, dirty corona wire, or uneven toner distribution.	Gently shake the toner cartridge, clean the corona wire, or replace the toner cartridge.
Vertical Streaks or Lines	Dirty corona wire or damaged drum unit.	Clean the corona wire. If the issue persists, the drum unit may need replacement.
"Toner Low" or "Toner Life End" Message	Toner cartridge is nearing or has reached its end of life.	Prepare a new toner cartridge for replacement. Replace when "Toner Life End" appears.
Toner Leaks	Improper installation or non-genuine cartridge.	Ensure the cartridge is correctly seated. Use only Brother Genuine cartridges.

SPECIFICATIONS






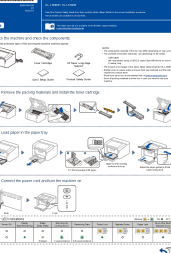
- **Product Type:** High Yield Toner Cartridge
- **Model Number:** TN450
- **Color:** Black
- **Page Yield:** Approximately 2,600 pages (ISO/IEC 19752)
- **Compatibility:** Designed for specific Brother monochrome laser printers (see "Compatible Printer Models" section).
- **Item Weight:** 1.76 pounds
- **Product Dimensions:** 14.4 x 4.4 x 8 inches
- **Included Components:** 1x Toner Cartridge
- **UPC:** 012502626770

WARRANTY AND SUPPORT

Brother Genuine toner cartridges are backed by Brother's commitment to quality and performance. For specific warranty details and support, please refer to the documentation included with your printer or visit the official Brother support website.

- **Official Brother Support:** For technical assistance, product registration, or to find service centers, please visit the [Brother Support Website](#).
- **Disposal:** Brother is dedicated to environmental responsibility and offers disposal programs for properly discarding its cartridges. Please visit their website for recycling options.

Related Documents - TN450

	<p>Brother TN-221BK, TN-241BK, TN-251BK, TN-261BK, TN-281BK Toner Safety Data Sheet (SDS)</p> <p>Comprehensive Safety Data Sheet (SDS) for Brother TN-221BK, TN-241BK, TN-251BK, TN-261BK, TN-281BK black toner cartridges. This document provides detailed information on product identification, hazard assessment, composition, first aid measures, firefighting procedures, accidental release measures, handling and storage, exposure controls, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, and regulatory status. Essential for workplace safety and compliance.</p>
	<p>Brother TN-670, TN-700, TN-4100, TN-5500, TN-4150 Toner Safety Data Sheet</p> <p>Safety Data Sheet for Brother TN-670, TN-700, TN-4100, TN-5500, TN-4150 Toner. Provides comprehensive information on product identification, hazard assessment, composition, first-aid measures, firefighting procedures, accidental release measures, handling and storage, exposure controls, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal considerations, transport information, and regulatory compliance.</p>
	<p>Brother Toner Cartridge Safety Data Sheet (SDS) for TN Series Printers</p> <p>Comprehensive Safety Data Sheet (SDS) for Brother TN-720, TN-750, TN-780, TN-3310, TN-3320, TN-3330, TN-3335, TN-3340, TN-3350, TN-3360, TN-3370, TN-3380, TN-3385, TN-3390, TN-3395 toner cartridges. Provides information on identification, hazards, composition, first aid, firefighting, handling, storage, exposure controls, physical/chemical properties, stability, toxicology, ecology, disposal, transport, and regulatory information.</p>
	<p>Brother Toner Cartridge Recycling Instructions</p> <p>A step-by-step guide on how to recycle your used Brother toner cartridges for free, including instructions and a pre-paid shipping label.</p>
	<p>Brother TN Series Toner Safety Data Sheet</p> <p>Safety Data Sheet for Brother TN-110M, TN-115M, TN-130M, TN-135M, TN-150M, TN-155M, TN-170M, TN-175M, TN-190M, TN-195M magenta toner cartridges, providing hazard identification, handling, storage, and regulatory information.</p>
	<p>Brother HL-L1230W / HL-L1232W Quick Setup Guide</p> <p>Concise guide for setting up your Brother HL-L1230W or HL-L1232W printer, including unpacking, component installation, paper loading, and connectivity.</p>

