

White Ink Transition (W0→W1)

This document explains what is changing, why it is important, and how to prepare and operate your Brother printer smoothly during the transition from W0 White Ink to the new W1 White Ink.

Our goal is to help you continue production with minimum disruption, controlled costs, and stable print quality.

PURPOSE OF THE WHITE INK RUNNING CHANGE

Brother is transitioning from W0 White Ink to W1 White Ink to comply with updated ECO PASSPORT by Oeko-Tex environmental certification requirements

WHAT THIS MEANS:

- This change is mandatory for certification compliance
- Ink price, storage conditions, and shelf life remain unchanged

By using W1 ink, compliance with current environmental standards is ensured while reliable operation is maintained.

NEW PRODUCT NAMES AND CODES

W1 white ink has new product codes and names, while capacity options remain the same

Capacity	W0 INK		W1 INK	
	Product Code	Product name	Product Code	Product name
700ml	BGCX40W07000022	GCX-4W70	BGCX40W07000122	GC40W01-700
18L	BGCX40W020K0032	GCX-4W20K	BGCX40W018L0132	GC40W01-18L
18L	BGCX60W018L0032	GCX-6W18L	BGCX60W018L0132	GC60W01-18L
9L	BGCX60W009L0032	GCX-6W09L	BGCX60W009L0132	GC60W01-09L
1.8L	BGCX40W002K0052	GCX-4W02	BGCX40W002K0152	GC40W01-02k

MAIN CHANGES:

- Product codes and product names are different from W0
- Capacity options remain identical (700 ml, 9 L, 18 L)
- The change applies to bottle bulk and pouch products (including 9 L and 18 L bulks)

HOW TO DIFFERENTIATE W1 INK ON THE PACKAGING



W1 ink is identified by the “Ver. 1” marking.

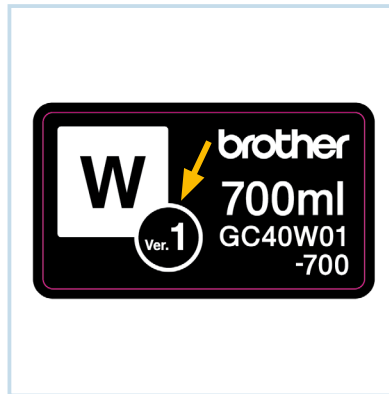


The ink label on the pouch or bottle should be checked

► Bottle Sticker



► Pouch Sticker

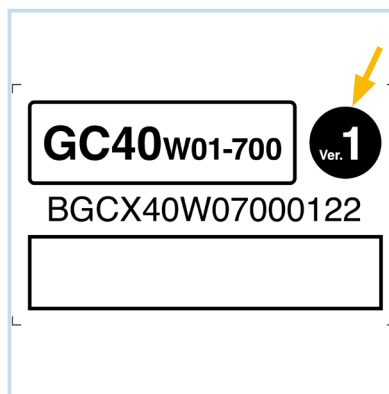


The product code printed on the side of the carton box should be verified

► Bottle Box-Label



► Pouch Box-Label



The IC Stick will have “W01” at the end of the product code on the top right portion of the label

► W0 IC Stick



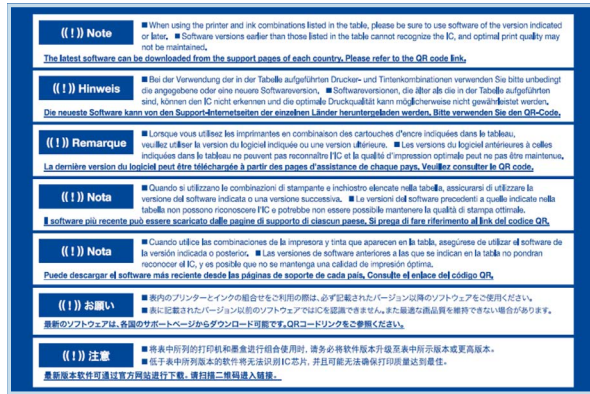
► W1 IC Stick



TECHNICAL REQUIREMENTS (MANDATORY BEFORE USING W1 INK)

All information about the required firmware, printer driver, and Graphics Lab versions is included inside the ink box.

- ▶ A printed note with detailed instructions and a QR code is provided, linking directly to the latest downloads and guidance.



Printer プリンター	Ink インク	Firmware ファームウェア	Driver プリンタードライバー	GTx Graphics Lab
GTx422	GC40W01-700	4.00	4.0.0	
GTxpro (GTx423)	GC40W01-700			
GTxproB (GTx424)	GC40W01-02K GC40W01-18L	5.00		
GTxpro R2R (GTx423-Roll)	GC40W01-700		5.0.0	9.0.0
GTxproB R2R (GTx424-Roll)	GC40W01-02K GC40W01-18L	5.00		
GTx600NB	GC60W01-09L GC60W01-18L	4.00	4.0.0	
GTx600SB	GC60W01-09L GC60W01-18L	4.00	4.0.0	

FIRMWARE

W1 ink uses a new IC chip version



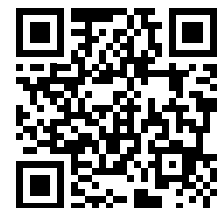
If firmware is not updated:

- ▶ The ink may not be recognized
- ▶ Printing may not be possible



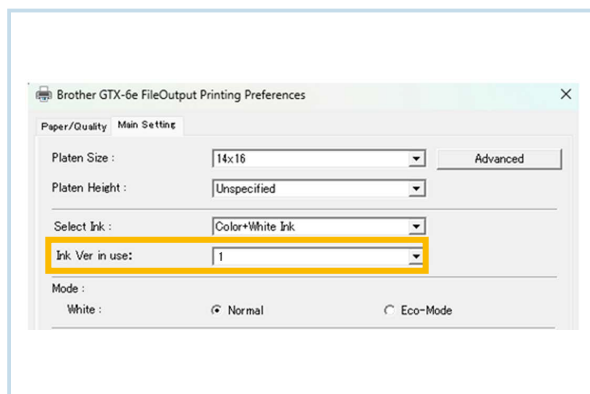
The latest firmware must be installed before W1 ink is used.

- ▶ Scan or click QR to Download New Firmware & Driver



PRINTER DRIVER & GRAPHICS LAB

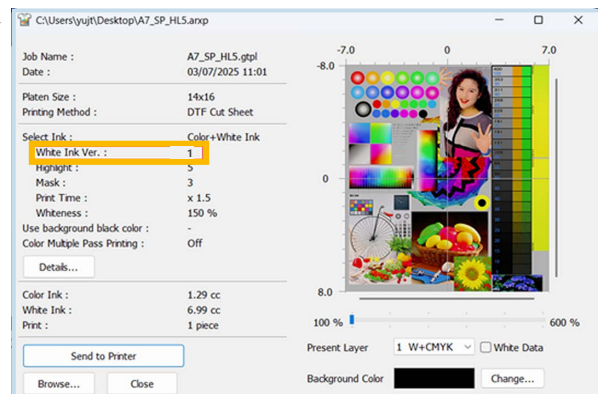
Updates are required to use W1-compatible color profiles



Correct setting:

0→W0 Ink

1→W1 Ink (to be selected once W1 ink has been installed)



After updating, a new print setting is added:
"White Ink Ver."



If an incorrect setting is selected, bleeding or unstable white density may occur.

WHITE INK TRANSITION PROCESS

WHITE INK TRANSITION

PROCESS OVERVIEW:

1. Firmware and Driver are installed.
2. Once a printer with W0 ink shows the low ink message "Ink refill: White", W1 ink can be introduced
3. **W0 and W1** ink gradually mix during regular use until only W1 ink remains in the system



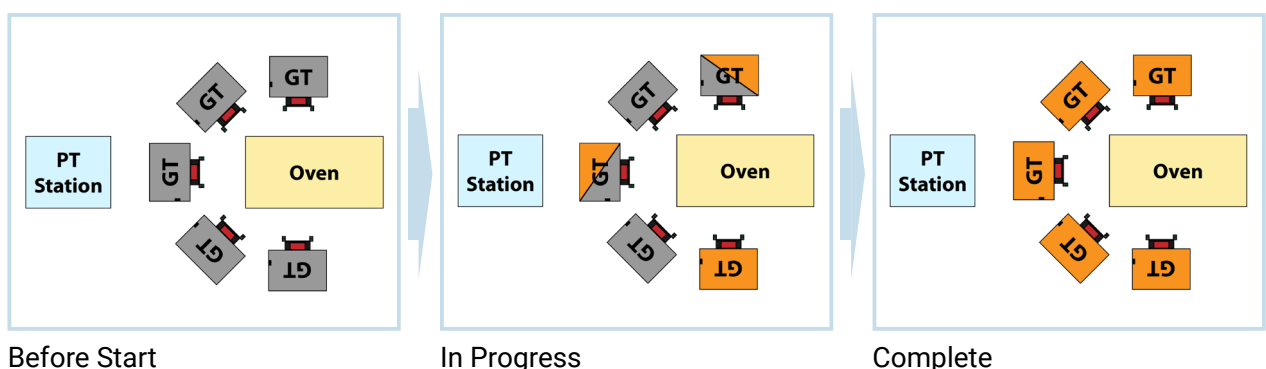
Ink inside the printer

FOR SETUPS WITH ONE MACHINE:



FOR SETUPS WITH MULTIPLE MACHINES GROUPED TOGETHER:

Printers will begin transition to W1 at different times due to varying ink levels between machines.



W0 (Current White)
Ink in the system



MIXED Ink in the system



W1 (New White)
Ink in the system



Minimal ink waste



No system flushing required



Transition period is longer



**Temporary white density reduction
or bleeding may occur**

WHITE INK TRANSITION INSTRUCTIONAL VIDEO

For step-by-step operating instructions, refer to the video link or scan the QR code below:

[White Ink Transition Video Link](#)

This video covers:

- Installing Print Driver
- Installing Printer Firmware
- Introduction of W1 White Ink
- Practical tips for stabilizing print quality



IMPORTANT WARNING (GTX 422 / 423 / 424 ONLY)

With W1 ink, the white-side wiper cleaner may dry faster based on production volume, especially during long idle periods.

WHAT CHANGES

- Replacement interval based on time is reduced
- Replacement based on print count remains unchanged

WHY THIS IS IMPORTANT

- Nozzle contamination is prevented
- Stable white print quality is maintained
- This behavior is related to ink characteristics and does not indicate a machine fault

COST SUPPORT FROM BROTHER

To support this increased maintenance frequency:



Brother is reducing the price of wiper cleaners on August 1st, 2026

This helps avoid additional cost impact while maintaining printer reliability.

BROTHER SUPPORT

If you need support, click on your printer model below or scan the QR code to fill out a support ticket.

POUCH INKS

**GTX
(GTX-422)**



**GTXpro
(GTX-423)**



**GTXpro R2R
(GTX-423)**



BULK INKS

**GTXpro B
(GTX-424)**



**GTXpro B R2R
(GTX-424)**



**GTX600NB
(CMYK+W)**



**GTX600SB
(CMYK+OG+W)**

