

IColor™ Presto! Ultra Bright 2 Step Textile Transfer Paper Instructions

AVAILABLE IN A4 AND A3 PAPER SIZES

Temperature	Time	Paper Setting	Pressure
340°F / 171°C	100 / 30 Seconds	IColor™ 650/600/500 - Media Type: User Type 2 / Media Weight: Medium Heavy 105' 560/550/540 - Paper Type: Thick to 105g IColor™ 800 - Paper Type: Thick to 163g	8

The IColor™ Presto! Ultra Bright 2 Step Transfer Paper is an easy to use media for use with a variety of monochrome, white toner, CMYK Laser/LED printers and copiers. Print black and get Ultra Bright metallic colors! No cutting or weeding necessary! More durable than foil stamping and easier to use than vinyl!

The white adhesive applied as a result of the 2 Step process **increases the adhesion** to your garment for **maximum durability, opacity and vibrancy** on your finished product. This Ultra Bright version features polyester-infused adhesive, providing for excellent stretchability, which helps prevent images from pulling apart and cracking. Rasterization and breathability integrated into your design will further enhance the stretch limit and softness of your finished product.

The IColor™ Presto! Ultra Bright 2 Step Transfer Paper’s default pressing temperature is 340°F / 171°C so some care must be taken when pressing onto some types of synthetic material such as nylon or polyester. **Spandex or Lycra material is not recommended** at this temperature. **You can press as low as 250°F / 120°C** onto the substrate to avoid damage caused by excessive heat.

The IColor™ Presto! Ultra Bright 2 Step Transfer Paper is a **weed-free system**, enabling you to produce detailed, high quality images while dramatically reducing your production time.

Finished garments will last 50+ washes depending on how it’s laundered.

- It is recommended to wash finished garments inside out in cold or warm water and low agitation.
- Avoid fabric softener.
- Tumble dry on low setting - For best results, hang to dry.
- If ironing is necessary, you must place a piece of kraft paper between the pressed image and the hot iron. Failure to do this will result in a melted transfer.

The IColor™ Presto! Ultra Bright 2 Step Transfer Paper was developed specifically for the IColor™ series of transfer printers, but **can be used interchangeably** with most other toner based printers (check with the manufacturer to be certain).

IColor™ 2 Step Presto! Ultra Bright Transfer Paper is used as a set, comprising of a ‘Colored Transfer Sheet’ and an ‘Adhesive Sheet’.

⚠ NOTE: You will not be printing on the Transfer ‘A’ sheet like other media options. For this media, you will be printing on the adhesive ‘B’ sheet, non-mirrored.

RECOMMENDED COLOR SETTINGS:

- IColor™ 650 / 600 / 560 / 550 / 540 / 500 / Most Oki Printers:
 - Set artwork color to: 100% Cyan, 100% Magenta, 100% Yellow (no white)
 - Or use the CMYK queue and set color to: 100% Cyan, 100% Magenta, 100% Yellow, 100% Black
- CMYK Printers:
 - Set artwork color to: Rich Black (100% Cyan, 100% Magenta, 100% Yellow, 100% Black)
- IColor™ 800 Printers:
 - Set artwork color to: 100% Cyan, 100% Magenta, 80% Yellow (no white)
- Monochrome Printers:
 - Set artwork color to: 100% Black with full density

INSTRUCTIONS FOR BEST RESULTS:

1. Place the ADHESIVE 'B' sheet into the appropriate tray of your printer.

- ▲ Adhesive side is the matte, dull side
- IColor™ 650/ 600 / 500 / Most Oki Printers: Adhesive side face up in the Multipurpose tray
- IColor™ 800 / 560 / 550 / 540: Adhesive side face down in the Bypass tray
- ▲ To avoid printer jams, only use the Bypass or Multipurpose tray

2. Printer Settings:

In the RIP software settings, choose the paper type according to the printer being used. Make sure you are working with the Overprint Queue in the ProRIP software or 'B' Configuration if using the TransferRIP software, or the CMYK queue in ProRIP.

- ▲ Specific print modes and sizes for this paper are available when using the IColor™ ProRIP software.
 - Listed as 'UNINET IColor Presto! Ultra Bright 2 Step Textile'
 - The page size should match the size of the media being used (A4 or A3).

Otherwise, use the following settings based on the printer:

- IColor™ 650 / 600 / 500 / Most OKI Printers: Set media type to 'User Type 2'; and media weight to 'Medium Heavy 105'
- IColor™ 560 / 550 / 540: Set paper type to 'Thick to 105g'
- IColor™ 800: Set paper type to 'Thick to 163g'
- ▲ **DO NOT mirror print**, because you are printing on the adhesive sheet.

3. Print the image.

4. **Preheat the press** to 340°F / 171°C and keep the press closed for at least **5 minutes** before proceeding to heat up the lower platen.

- **This step is extremely important** to ensure a good bond during the marrying process. Do not proceed until you feel the heat radiating from the bottom of the press platen, or you may experience incomplete transfers.

5. Place the metallic, unprinted transfer sheet in the middle of the press **with the dull, silver side facing up.**

- Place the printed adhesive sheet on top of the unprinted transfer sheet, adhesive coated and image side down – the image and the transfer sheet should be face-to-face.

- **TIP:** Fold a small corner of the adhesive sheet over prior to pressing (this will make it easier to peel apart after pressing).

6. **Cover the two sheets** with kraft paper, IColor™ black or white cotton cover cloth, and press the two sheets together in the heat press at 340°F / 171°C for 100 seconds with medium high pressure.

- ⚠ For images printed with the IColor™ 800 and 650, press at 360°F / 182°C for 120 seconds with medium high pressure.

7. **Open the press and immediately** (while hot) - rub the sheets with a piece of textile for **5 seconds**, then peel the adhesive sheet away from the transparent transfer sheet **diagonally** in one slow, low and fluid motion.

- ⚠ For images printed with the IColor™ 800 & 650, wait approximately 40 seconds and peel VERY slowly in one slow, low and fluid motion.
- This must be done with the sheets on the press to minimize heat loss. The use of heat resistant gloves will help keep the paper in place due to the temperature of the lower platen.
- **TIP:** In order to avoid a faulty peel, it is recommended to peel from the side of the image with the greatest toner density.
- **TIP:** Slow down at the end of the peel and allow the adhesive sheet to ‘fall off’ to ensure that you do not lose the last edge of the graphic.

8. **Observe the used adhesive sheet** – you will see the adhesive was removed only where toner was present.

- If you see any part of your design on the adhesive sheet, you did not get a clean pull. **See Tech Tips** for reasons why this may have happened.
- Examine the transfer sheet to determine if the transfer is acceptable and proceed to **Step 9**. Discard the used adhesive sheet.

9. **Trim off the edges** of the transparent transfer sheet using a pair of scissors or a cutting board. This will ensure no excess adhesive sticks to the garment and eliminate the chance of a white box around your design.

10. **Place or thread your garment on the press.** Position the transfer sheet (print side down) onto the garment.

- It is suggested that you use heat resistant tape to secure the sheet to the garment. Otherwise, opening the press can cause the transfer sheet to lift prematurely.
- For more precise placement, **lay the garment out on a table**, position the transfer sheet appropriately and tape the corners before placement on the press.

11. **Cover the transfer sheet** and garment with kraft paper or a PTFE-based sheet and press the garment using a heat press at 340°F / 171°C for 30 seconds with medium-high pressure for cotton textiles.

- If you are pressing onto 100% poly, press at 265°F / 129°C.
- If you are pressing onto 50/50 cotton/poly, press at 285°F / 140°C.
- You can perform **this step ONLY** as low as 250°F / 121°C if necessary to avoid dye migration on polyester fabrics, avoid damaging delicate textiles and to retain vibrancy.

12. **Remove the garment** from the heat press carefully and immediately lay flat. Allow it to cool for at least 5 minutes.

13. **Once the garment is completely cooled**, carefully peel away the transfer sheet in one smooth, continuous rolling motion.

- Removal while still warm could lead to an incomplete or faulty transfer.

- It is suggested that you start your pull from an area that has the most toner coverage. The image will adhere to the garment. Perform this step within 60 mins or less. Use a lint roller to remove any excess metallic remnants.

14. **Re-Pressing** (AKA post press or fixing press) the image into the garment is important for wash durability.

- Place the textile back on the heat press.
- Cover with a glossy finishing sheet (UNINET Part # ICGLOSSFIN) on top of the image for a shiny finish.
- Re-press the image for roughly 20 seconds at the temperature it was originally pressed.

15. **Wait 10 seconds before** removing the fixing or kraft paper to avoid any part of the transfer from sticking to the kraft sheet.

- **Pull slowly in one smooth, continuous motion.** It is important to wait before pulling the paper off; otherwise, it could pull the design off the garment!
- **While the garment** is still on the press and still hot; lightly stretch the material to allow the toner to soak into the fabric to prevent cracking.

TECH TIPS

There are many variables that could produce different results. Specific steps may need to be altered based on:

- **Type of garment:** Cotton, Polyester, Spandex and Lycra material all respond differently to heat. All instructions are based on cotton garments.
- **If your presses are not pulling cleanly,** preheat the lower platen of the press in the closed position for several minutes to retain the necessary heat to perform this step. Adjusting the color mix of the print may help as well. The better the density, the cleaner the pull.
- **Type and brand of Heat Press:** The temperature and duration varies slightly based on the heat press being used. All instructions are based on using a Hotronix Fusion press (recommended). Clam shell and other types of swing away presses may also yield different results. Always place the transfer paper in the middle of your heat press. Some heat presses do not have uniform heat and pressure distribution, which can affect your final project.
- ⚠️ Only use kraft paper made for heat press applications! The use of butcher paper, PTFE-based sheets or other kinds not specifically designed for heat transfer applications can cause the image to stick to the paper.

If your transfer has stray adhesive on it after pressing to the adhesive (seen as clouding), it is suggested that you perform **Step 6** with medium-low pressure.

- This may be as a result of humidity affecting the adhesive sheet.
- If you wish to press this image to the textile, do so with medium-low pressure as well.

During Step 6 of these instructions, it is important that the adhesive sheet is placed on top because:

- The source of heat is on top and heat is transferred directly to the adhesive sheet instead of passing through the transfer sheet
- When pulling the sheets apart, the sheet on top tends to curl. If that was your transfer sheet, it would then be difficult to place on your garment and could be ruined if the image touched itself while hot.

During Step 7, note that the denser your image, the more difficult it will be to pull the A & B sheets apart. Start out with less dense, weeded or rasterized images to perfect your process. Full coverage images take some skill to successfully pull cleanly and may require a longer press time and/or higher temperature. **Full coverage tabloid graphics are not recommended.**

If, during **Step 8**, your images are not peeling cleanly, first ensure that you are printing with the right amount of toner density in your image (at least 70%).

- If so, then preheat the bottom platen of your heat press to ensure it's hot enough. Cool lower platens are the main cause of inconsistent A/B pulls.
- If this still does not resolve the issue, consult the Humidity and Storage sections below.

If, during **Step 11**, you are adjusting the heat press temperature to accommodate delicate material, you must increase the temperature to 340°F / 171°C for **Step 6**. The adhesive will not transfer over properly if set at a lower temperature. Using two heat presses would greatly increase your output and is recommended.

For Cotton / Poly blends and hoodies:

- Press at 250°F / 121°C for 20 seconds, cool immediately and roll the transfer sheet off very tightly.
- Repress for 15 seconds and cool immediately. A lower press temperature and immediate cooling are necessary to prevent dye migration.

If you are seeing **stray adhesive** sticking to your garment or substrate during the transfer during **Step 11** of these instructions, try reducing the press pressure to 'medium-low' or '3'.

If some of your image isn't sticking to the garment properly during **Step 13**, start your pull from an area that has the most toner coverage.

- For example, DO NOT start your pull from a dot or a small independent portion of your graphic. The more toner coverage, the higher the probability that you won't lose part of your image when getting started.

Humidity Suggestions: If your transfers are incomplete (gaps or holes where the adhesive didn't transfer over), then your adhesive sheets may have been affected by humidity. Follow these steps to remove the humidity:

- Place the adhesive sheet(s) face up in the heat press while hot.
- Do not press them, just allow to sit for approximately 1 – 2 minutes. Then proceed as normal.

Adhesive sheet storage: To prevent humidity from affecting your paper, store in a resealable bag. Adding a silica pack will help to absorb any moisture. Use of a de-humidifier will help reduce excess moisture.

Optimal Humidity Level: 45% - 65%

- Regulated with A/C, a humidifier or de-humidifier, depending on current atmospheric conditions.

Optimal Temperature Range: 50°F / 10°C - 75°F / 24°C

Transfer sheet storage: If the paper is sticking together due to static electricity, store in a resealable or anti-static bag. Adding a dryer sheet will help reduce the static.

There are many types of coatings and finishes applied to textiles and synthetic fabrics, so **make certain adhesion** is satisfactory and test for washability or scuff-resistance when applying transfer paper to such materials.

It is recommended to **wash finished garments inside out** in cold or warm water and low agitation. Avoid fabric softener, as it may prematurely degrade the transfer. Tumble dry on low setting - For best results, hang to dry. If ironing is necessary, you must place a piece of kraft paper between the pressed image and the hot iron. Failure to do this will result in a melted transfer.

Video instructions coming soon...

ALSO AVAILABLE:

- IColor™ Premium 2 Step Transfer Paper for light and dark colored garments
- IColor™ Select and Select Ultra Bright 2 Step Transfer Paper for light and dark colored garments
- IColor™ Standard 2 Step Transfer Paper for light and dark colored garments
- IColor™ Glitter Adhesive 2 Step Transfer Paper (for use with IColor™ Standard 2 Step Transfer Paper)
- IColor™ Light 1-Step Transfer Paper for light colored garments
- IColor™ Presto 2 Step Transfer Paper for textiles and hard surfaces
- IColor™ Temporary Tattoo 2 Step and Easy Tattoo Transfer Paper
- IColor™ Premium, Wood and Leather and Ceramic Hard Surface 1-Step Transfer Paper
- IColor™ AquaClear 1-Step Transfer Paper for candles and other substrates not resistant to heat
- IColor™ Label / Sticker Paper (Clear and White) in Letter and Tabloid size
- IColor™ Window Cling Media (Clear and White) in Banner and cut sheet options
- IColor™ Banner Paper
- IColor™ Magnetic Media in Letter and Tabloid size

...and more! Contact your dealer for more information.

IColor™ Transfer Paper Comparison Charts

ICOLOR TEXTILE TRANSFER PAPER

ATTRIBUTE	PREMIUM	STANDARD	SELECT UB	SELECT	PRESTO	LIGHT	SPEEDTRANS LIGHT
PROCESS	2 Step	2 Step	2 Step	2 Step	2 Step	1 Step	1 Step
DURABILITY (# of Washes @ 104 °F/40 °C)	Up to 100	50+	50+	50+	50+	15+	15+
DARK TEXTILES (BRILLANCE)	BEST	BETTER	BEST	GOOD	BETTER	FAIR	FAIR
DELICATE TEXTILES	BEST	GOOD	GOOD	GOOD	GOOD	DT RECOMMEND	NOT RECOMMENDED
STRETCHABILITY	BETTER	GOOD	BEST	BEST	GOOD	GOOD	GOOD
FINISH	MATTE	SEMI GLOSS	MATTE	MATTE	SEMI GLOSS	SATIN	SATIN
TRANSFER 'A' SHEET CHARACTERISTIC	OPAQUE	TRANSPARENT	TRANSPARENT **	TRANSPARENT	OPAQUE	OPAQUE	OPAQUE
PRESS TEMPERATURE (°F/°C)	250°F / 120°C	310°F / 154°C	320°F / 160°C	310°F / 154°C	285°F / 140°C	390°F / 200°C	375°F / 190°C
PRESS TIME	30 + 30 secs	120 + 30 secs	135 + 25 secs	120 + 25 secs	120 + 30 secs	15 secs	10 secs
SOFT HAND	BEST	GOOD	GOOD	GOOD	GOOD	BETTER	BETTER
COST	\$\$\$	\$\$	\$\$	\$\$	\$\$	\$	\$

ICOLOR HARD SURFACE TRANSFER PAPER

ATTRIBUTE	PREMIUM	CERAMICS	WOOD/LEATHER	PRESTO! HARD SURFACE	PRESTO! PAPER/WOOD	AQUACLEAR	2 STEP TATTOO	1STEP TATTOO
PROCESS	1 Step	1 Step	1 Step	1 Step	1 Step	1 Step	2 Step	1 Step
DURABILITY (RESISTANT TO SCRATCHING/CHIPPING)	BEST	BEST	BEST	BEST	BEST	GOOD	BETTER	GOOD
COLOR BRILLIANCE	BETTER	BETTER	BETTER	BEST	BEST	BETTER	BETTER	BETTER
METALLIC FINISH	NO	NO	NO	YES	YES	NO	NO	NO
PRESS TEMPERATURE (°F/°C)	300°F / 150°C *	300°F / 150°C *	300°F / 150°C *	320°F / 160°C *	265°F / 130°C *	N/A	265°F / 130°C	N/A
PRESS TIME	60 SECS *	180 SECS *	60 SECS *	180 SECS *	90 SECS *	N/A	40 SECS	N/A
ACRYLIC	YES	YES	YES	YES	NO	YES	YES	YES
METAL	YES	NO	NO	YES	NO	YES	YES	YES
CERAMIC	YES	YES	NO	YES	NO	YES	YES	YES
TILE	YES	YES	NO	YES	NO	YES	YES	YES
GLASS	YES	YES	YES	YES	NO	YES	YES	YES
CRYSTAL	YES	YES	YES	YES	NO	YES	YES	YES
PAPER/WOOD/CARDBOARD	YES	NO	YES	YES	YES	NO	YES	NO
LEATHER	YES	NO	YES	NO	NO	NO	YES	NO
CANDLES	NO	NO	NO	NO	NO	YES	YES	YES
FLESH	NO	NO	NO	NO	NO	NO	YES	NO
COST	\$	\$	\$	\$\$	\$\$	\$\$	\$\$\$	\$\$

* Temperature and press time varies based on substrate

May 2023 Revision - A newer version of this manual may be available at www.icolorprint.com/support

(Or scan this QR Code)

