UNINET

IColor™ Universal 2 Step Transfer Paper Instructions
'A' Transfer Sheet only!

Part # ICHTUNIVAA4 (8.27" x 11.69") (210mm x 297mm)
Part # ICHTUNIVAA3 (11.7" x 16.5") (297mm x 420 mm)

AVAILABLE IN A4 AND A3 PAPER SIZES

If printing from the IColor™ ProRIP or ProRIP Essentials software, please choose '2 Step Select' from the Print Mode dropdown menu. No other changes are necessary, everything is preconfigured.

Temperature	Time	Paper Setting
Consult the instructions that came with your adhesive sheets		IColor™ 500/600/Most Oki Printers - Media Type: Transparency / Media Weight: UH1 IColor™ 650 - Media Type: User Type 2 / Media Weight: UH2 IColor™ 550/540 - Paper Type: Coated Glossy IColor™ 560 - Paper Type: Thick to 105g IColor™ 800 - Paper Type: Thick to 300g

The IColor™ Universal Transfer Paper ships with just the 'A' transfer sheets and is the perfect solution when you have an excess of 'B' adhesive sheets on hand. This universal formulation has been tested and approved to work with IColor™ Standard, Select and Select Ultra Bright adhesive sheets! It will allow you to transfer prints from the IColor™ series of printers (including white and fluorescent color prints) and most laser printers, onto a variety of garments, **especially dark fabrics.** Rasterization and breathability integrated into your design, as well as using the garment color as a mask, will enhance the stretch limit and softness of your finished product.

IColor™ Universal Transfer Paper typically presses to your adhesive at 310°F / 154°C, (consult your specific paper instructions for specifics on marrying). 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, but you may typically go as low as 250°F / 121°C in these cases to avoid scorching or burning of the textile. This universal transfer paper has a matte texture and is a great everyday choice for textile transfers.

Finished garments will last between **30 to 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.

Designed to work with the IColor™ series of specialty printers, the IColor™ Universal Transfer Paper will also work with many popular color laser printers - please check with your printer manufacturer for compatibility. **White toner enabled printers are highly suggested for best results.**

INSTRUCTIONS FOR BEST RESULTS:

1. **Place the transparent transfer sheet into the appropriate tray of the IColor™ printer.**

⚠ The coated, rough side is the print side.

- IColor™ 650 / 600 / 500 / Most OKI Printers: Print side face up in the Multipurpose Tray
- IColor™ 550 / 540 / 800: Print side face down in the Bypass Tray
- IColor™ 560: Print side face down in bypass tray or print side face up in tray 1 (ProRIP defaults to bypass tray)

⚠ To avoid printer jams in Tray 1, stack a few sheets in the tray at once so the printer pulls the paper cleanly.

2. **Printer Settings:**

In the RIP software settings, choose the paper type according to the printer being used. Make sure you are working within the overprint queue in the IColor™ ProRIP or ProRIP Essentials software.

⚠ Specific print modes and sizes for this paper are available when using the IColor™ ProRIP or ProRIP Essentials software.

- Use the 'UNINET IColor 2 Step Select' print mode when using this universal transfer sheet.
- The page size should match the size of the paper being used (A4 or A3).

Otherwise, use the following settings based on the printer:

- IColor™ 600 / 500 / Most OKI Printers: Set media type to 'Transparency' and media weight to 'Ultra Heavy 1'
- IColor™ 650: Set media type to 'User Type 2' and media weight to 'Ultra Heavy 2'
- IColor™ 550 / 540: Set paper type to 'Coated Glossy'
- IColor™ 560: Set paper type to 'Thick to 105g'
- IColor™ 800: Set paper type to 'Thick to 300g' (Thick to 220g can be used for low coverage graphics without black print)

⚠ If not already done automatically in the RIP, remember to set the job to **mirror print**, ensuring the correct orientation when transferred to the substrate.

3. **Print the image.**

4. **For marrying instructions, please refer to the instructions set that came with your adhesive sheets!**

5. Once married to the B sheet - **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.

6. **Place or thread your garment on the heat 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.

7. **Cover the transfer sheet** and garment with kraft paper and press the garment at 310°F / 154°C for 25 seconds with 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.
- **TIP:** Pressing at a lower temperature in all cases will result in a more vivid final product.

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

9. **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.
- **TIP:** If you are encountering resistance when peeling (climate changes can affect this), you can instead use the **quick pull method** and peel the sheet away 'like a band-aid'; one quick, fast pull.

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

- Place the textile back on the heat press
- Cover with kraft paper or IColor™ T. Seal, for a matte finish.
- ⚠ **TIP:** UNINET recommends re-pressing at a lower temperature to retain the vibrancy of the image. A hotter post press may dull out the pressed image. Repress at 265°F / 129°C for 30 seconds with heavy pressure to increase durability.
- If re-pressing at 310°F / 154°C, do so for only 10 seconds.

11. **Wait 10 seconds before** removing the fixing or kraft paper to avoid any part of the transfer from sticking to the cover 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 image:** Photos or full-color graphics may require a longer press time than vector images or text.

• **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.

• **Toner Coverage:** Halftones in image may cause undesired results. Toner coverage should not be less than 70% otherwise there may be issues with transferring the adhesive to the transfer sheet. The RIP will add the necessary amount of white to the image to avoid this situation. Those printing outside of the RIP software may encounter issues such as incomplete adhesive transfer.

• **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 or other kinds not specifically designed for heat transfer applications can cause the image to stick to the paper.

To achieve the darkest black color:
For all IColor™ printers (except the 650 & 800W): Set the color of the black portions of your artwork to 100% C, 100% M, 100% Y. It may be necessary to do this from the RIP, as some file formats may convert differently than others once imported.

For the **IColor™ 800W only:** Set the color of the black portions of your artwork to 90% C, 90% M, 80% Y.

For the **IColor™ 650 only:** Set the color of the black portions of your artwork to 80% C, 80% M, 70% Y.

⚠ The ProRIP color profile will adjust the black portions of your artwork for you automatically when you choose the correct print mode (IColor™ 800W & 650 only). Be sure you are working with the latest print mode update!

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 some of your image isn't sticking to the garment properly during **Step 9**, 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.

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

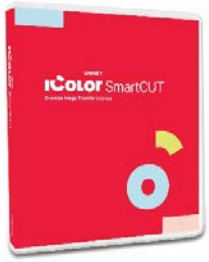
Transfer sheet storage: If the paper is sticking together due to static electricity, store in a resealable or anti-static bag. Adding a dryer sheet will help reduce the static. Fan out the paper before loading into the printer to ensure proper feeding.

Halftones can be corrected by printing white on top of color (either running the sheet through the printer a second pass, or using the IColor™ ProRIP or ProRIP Essentials software to apply a white layer in one pass). This will assist with toner coverage and proper adherence to the garment.

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.

OPTIONALLY AVAILABLE



IColor™ SmartCUT Software

Easily print oversized images on letter/A4 sized printers with UNINET'S optional IColor™ SmartCUT software. Use any oversized graphic, and the software will split it in half along the most logical path. You can choose to have it split along dark or light areas, depending on the color garment you will be pressing onto. With this software, you can make 3XL shirts that are not possible with even the most expensive of printing systems because you can gang up as many transfer sheets as you want. For use with IColor™ Standard and Select 2 Step™ Transfer Paper. Trial version available at https://www.icolorprint.com/support

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™ Premium 2 Step Temporary Tattoo**, **Easy Tattoo** and **Easy Tattoo Pro** Transfer Paper
- **IColor™ Premium and Wood and Leather** Hard Surface 1-Step Transfer Paper
- **IColor™ AquaClear** 1-Step Decal 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	STANDARD B PRO	SELECT UB	SELECT	PRESTO	LIGHT
PROCESS	2 Step	2 Step	2 Step	2 Step	2 Step	2 Step	1 Step
DURABILTY (# of Washes @ 104 °F/40 °C)	Up to 100	50+	50+	50+	50+	50+	15+
DARK TEXTILES (BRILLANCE)	BEST	BETTER	BETTER	BEST	GOOD	BETTER	FAIR
DELICATE TEXTILES	BEST	GOOD	GOOD	GOOD	GOOD	GOOD	NOT RECOMMENDED
STRETCHABILITY	BETTER	GOOD	BEST	BEST	BEST	GOOD	GOOD
FINISH	MATTE	SEMI GLOSS	SEMI GLOSS	MATTE	MATTE	SEMI GLOSS	SATIN
TRANSFER 'A' SHEET CHARACTERISTIC	OPAQUE	TRANSPARENT	TRANSPARENT	TRANSPARENT	TRANSPARENT	OPAQUE	OPAQUE
PRESS TEMPERATURE (°F/°C)	250°F / 120°C	310°F / 154°C	310°F / 154°C	320°F / 160°C	310°F / 154°C	285°F / 140°C	390°F / 200°C
PRESS TIME	30 + 30 secs	120 + 30 secs	120 + 30 secs	135 + 25 secs	120 + 25 secs	120 + 30 secs	15 secs
SOFT HAND	BEST	GOOD	GOOD	GOOD	GOOD	GOOD	BETTER
EASE OF USE / RELIABILITY	BETTER	BETTER	BETTER	GOOD	BEST	BETTER	GOOD
COST	$$$	$$	$$	$$	$$	$$	$

ICOLOR HARD SURFACE TRANSFER PAPER

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

* Temperature and press time varies based on substrate

UPDATED JAN 2025

ICOLOR PAPERS WORK WITH ALL WHITE TONER PRINTERS!

January 2025 Revision - A newer version of this manual may be available at www.icolorprint.com/support

(Or scan this QR Code)

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