

UniNet[®]

iColor[®]

PRINTING SOLUTIONS

iColor[®] Presto! 2-Step Textile Transfer Media Instructions

Temperature	Time	Paper Setting	Pressure
285°F / 140°C	120 Seconds	iColor 500/600: Transparency iColor 550: Coated Glossy	5

The iColor[®] Presto! 2-Step Textile Transfer Media 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 white, metallic or neon colors! No cutting or weeding necessary! More durable than foil stamping and easier to use than vinyl!

iColor[®] Presto! 2-Step Textile Transfer Media can transfer onto a variety of textiles and media such as cotton, polyester, 50/50 blends, polypropylene, felt, wood, paper and more! The white adhesive applied as a result of the 2-Step process enhances durability, opacity and vibrancy of your finished product. Rasterization and breathability integrated into your design will enhance the stretch limit and softness of your finished product.

iColor[®] Presto! 2-Step Textile Transfer Media works at a higher temperature as compared to the iColor Premium paper (285°F / 140°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. Save time, money, and space. No need to purchase a second heat press when using the iColor[®] Presto! 2-Step Textile Transfer Media system. The first and second presses share the same temperature and pressure so you don't have to wait for the press to change temperature.

iColor[®] Presto! 2-Step Textile Transfer Media is a weed-free system, ensuring little time is wasted picking and weeding your transfer prints. iColor[®] media enables you to produce detailed, quality images while dramatically reducing your production time.

Available color options:



Designed to work with the iColor® series of specialty printers, the iColor® Presto! 2-Step Textile Transfer Media will also work with many popular monochrome and color laser printers - please check with your printer manufacturer to be certain. Works best with vector graphics and fonts. Add distress to the image for a vintage look. High density prints are recommended for best results.

Wash-tested for at least 30 washes at 104°F / 40°C, your images will remain durable and vibrant. Please follow the steps below for best results:

Printer Settings:

Paper Settings: Film, Foil, Transparency (Coated Glossy for iColor® 550)

Printer Settings: Multipurpose Tray (Tray 1 for iColor® 550)

Image Mode: Mirror Image

Recommended Color Settings:

iColor Printers: Set cartridges standard CMYK configuration with black cartridge.

White or Metallic – 100% Cyan, 100% Black

Neon Green - 100% Cyan, 100% Yellow

CMYK Printers:

400% Black (100% Cyan, 100% Magenta, 100% Yellow, 100% Black)

Other white toner printers:

White or Metallic – 300% Composite Black (100% Cyan, 100% Magenta, 100% Yellow)

Neon Green - 100% Cyan, 100% Yellow

Monochrome Printers:

100% Black with full density

1. Place the Presto! Transfer sheet into the appropriate tray of the iColor® printer, print side up or down depending on your model (the dull side is the print side). You may need to stack a few sheets in the tray at once so the printer pulls the media cleanly.
2. Paper type should be 'Coated Glossy' if printing from the iColor® 550. Use 'Transparency' for other models. Page size should be 'Letter' or 'Tabloid' depending on the size of paper you are using. Remember to set the job to mirror print to ensure it looks correct when transferred to the garment.
3. Print the image.
4. Preheat the press to 285°F / 140°C. It is suggested that you preheat the press in the closed position for at least 30 seconds. This step is extremely important to ensure a good bond during the marrying process.
5. Place the printed image in the middle of the press with the printed side facing up. Place the adhesive sheet on top of the print, adhesive coated side down - the image and the adhesive should be face-to-face.
6. Cover the media with kraft paper or a Teflon sheet and press the two sheets together in the heat press at 285°F / 140°C for 120 seconds with medium pressure.
7. Open the press and while hot, rub the media with a piece of textile for 5 seconds, then peel the adhesive sheet away from the transfer sheet diagonally in one slow, low and fluid motion. This should be done with the sheets on the press to minimize heat loss. The use of heat resistant gloves will help keep the media in place due to the temperature of the lower platen.
8. Observe the used adhesive sheet – you will see the adhesive was removed only where toner was present on the transfer sheet. If you see any part of your design on the adhesive sheet, you did not get a clean pull. Examine the transfer sheet to determine if the transfer is acceptable. Discard the used adhesive sheet.
9. Trim the edges away from the transfer sheet - this will ensure no excess adhesive sticks to the garment and eliminate the chance of a white box around your design.
10. Place 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 Teflon sheet and press the garment using a heat press at 285°F / 140°C for 30 seconds with medium-high pressure.

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. Do not wait too long for this step (under one hour).

14. Re-Pressing (fixing) the image into the garment is important for wash durability. Cover with kraft paper and re-press the image for roughly 30 seconds at 285°F / 140°C with high pressure.

15. Wait a few seconds before removing the kraft paper. Peel slowly in one smooth, continuous motion.

TECH TIPS

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

- **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. Clam shell and swing away presses may also yield different results. Always place the transfer media in the middle of your heat press. Some heat presses do not have uniform heat and pressure distribution.
- **Type of garment:** Cotton, Polyester, Spandex and Lycra material all respond differently to heat. All instructions are based on cotton garments. If possible, select a less stretchy fabric to prevent cracking when pulling or stretching.
- **If your presses are not pulling cleanly,** try removing the Teflon cover from the plate of the heat press. Adjusting the color mix of the print may help as well. The better the density, the cleaner the pull.

The following colors may be incompatible with the iColor 500, Oki C700 and C900 series:

Silver metallic, white gold metallic, yellow gold metallic and black. Each of these options may exhibit static issues, which present themselves as light print halfway down the page. If you encounter this, you may optionally print on the adhesive media (do not mirror print) and then press the 2 sheets together as explained in step 5. Note: Printing on the adhesive media could cause a fuser jam, so do so at your own risk.

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.

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 a) The heat platen is on top so heat is transferred directly to the adhesive sheet instead of passing through the transfer sheet and b) When pulling them 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.

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 images to perfect your process. Full coverage images take some skill to successful pull cleanly and may require a longer press time. Full coverage tabloid graphics are not suggested.

If some of your image isn't pulling properly during Step 13 of these instructions, start your pull from an area that has the most toner coverage. For example, don't 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), or stray adhesive on the transfer sheet, then your adhesive media has been affected by humidity. Follow these steps to remove the humidity: 1) Place the adhesive sheet(s) face up in the heat press while hot. Do not press them, just leave them there for approximately 1 – 2 minutes. Then proceed as normal.

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

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

It is recommended to wash finished garments inside out in cold or warm water and low agitation. 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.

To see video instructions for iColor® Presto! Transfer Media, visit www.icolorprint.com/video

Also available:

IColor 2-Step **Premium** and **Premium** STRETCH Transfer Media for light and dark colored garments

IColor 2-Step **Standard** Transfer Media for light and dark colored garments

IColor 2-Step **Select** Transfer Media for light and dark colored garments

IColor 1-Step **LIGHT** and **SPEED TRANS LIGHT** Transfer Media for light colored garments

IColor 2-Step **GLITTER** Adhesive Transfer Media (for use with iColor® 2-Step **Standard** Transfer Media)

IColor 2-Step **Temporary Tattoo** Transfer Media

IColor 1-Step **CL ASSIC** **Premium**, **WOOD AND LEATHER** and **CERAMIC** Hard Surface Transfer Media

IColor 1-Step **AquaClear** Transfer Media

IColor Label Media (Clear and White) – Letter and Tabloid size

IColor Window Cling Media (Clear and White) - Banner and cut sheet options

IColor Banner Media

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

About UniNet

UniNet is a worldwide Original Equipment Manufacturer with over 25 years of experience in the imaging industry. With sales, service and distribution networks on every continent, we have earned a global reputation for high quality products and customer service. The UniNet iColor® Digital Color + White Transfer Media Printers feature full color plus white, combined with true black printing - a unique and low cost digital solution for the short to mid run market. With the most opaque white toner available, users can print on black, dark and clear media or garments in vibrant, colors + white. Imagine custom T-shirts, sweatshirts, hard surfaces, invitations, menus, stationary, promotional items, labels, banners, and more which include full color and brilliant white! Add our option specialty toner kits to produce fluorescent colors, security documents, clear watermarking and even dye sublimation prints, all in the same printer! What's more, our exclusive iColor® TransferRIP or ProRIP technology allows you print white as an overprint or underprint in one pass!

January 2020 Revision - A newer version of this manual may be available at www.icolorprint.com/support