

# iColor®

## PRINTING SOLUTIONS

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### **iColor® 2 Step Premium Transfer Media Instructions**

#### **Part # ICHTPREM**

Temperature	Time	Paper Setting	Pressure
250°F / 120°C	30 Seconds	Medium (A4)	8

The iColor® premium transfer media set will allow you to transfer prints from the iColor® series of printers (including fluorescent white and fluorescent color prints) onto a variety of garments, especially dark fabrics. The white adhesive applied as a result of the 2 step process enhances the color of your print, and increases the adhesion to your garment for maximum durability, opacity and vibrance on your finished product.

iColor® premium transfer media works at a lower than usual temperature of 250°F / 120°C which means you can print onto many types of synthetic material such as nylon, polyester and poly-cotton blends without the risk of scorching or melting the fabric. Save time, money, and space. No need to purchase a second heat press when using the iColor® premium transfer paper system. The first and second press share the same temperature, pressure and press duration so you don't have to wait for the press to change temperature.

iColor® premium 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.

Wash-tested up to 100 washes at 104°F / 40°C, your images will remain durable and vibrant.

Designed to work with the iColor® series of specialty printers, the iColor® premium transfer media range will also work with many popular color laser printers – please check with your printer manufacturer to be certain.

iColor® premium 2 step transfer media is used as a set, comprising of a 'Transfer Sheet' and an 'Adhesive Sheet'. Please follow the steps below for best results:

1. Place transfer sheet into the multipurpose tray of the iColor® printer, smoothest side up (please note this is the coated side of the sheet).
2. Set the paper source to the 'Multi-purpose Tray'. Paper type should be 'Medium Light' and the page size should be 'A4'. Remember to set the job to mirror print to ensure it looks correct when transferred to the garment.
3. Print the image.
4. Once image is printed, place the adhesive sheet on top of the print, white (adhesive coated) side down – the image and the adhesive should be face-to-face.
5. Run the two sheets together through a laminator on a medium heat setting prior to pressing - this will ensure all air bubbles are removed and all adhesive is transferred during the pressing process – Very Important!
6. Fold a small corner of the adhesive sheet over, prior to pressing – this will make it easier to peel apart after pressing.
7. Press the two sheets together using a heat press at 250°F / 120°C for 30 seconds with medium-high pressure.
8. Open the press and while hot - **immediately peel** the adhesive sheet away from the transfer sheet diagonally in one smooth, quick, continuous motion. This should be done with the sheets on the press to minimize heat loss.
9. Discard the used adhesive sheet.

- 10.** Trim the edges away from the transfer sheet – this will ensure no excess adhesive sticks to the garment.
- 11.** 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.
- 12.** Press the garment using a heat press at 250°F / 120°C for 30 seconds with medium-high pressure. Be sure to cover the transfer sheet and garment with a Teflon sheet.
- 13.** Remove the garment from the heat press and allow to cool for 3 – 5 minutes.
- 14.** Once the garment is cooled, carefully peel away the transfer sheet in one smooth, continuous motion. The image will adhere to the garment. Do not wait too long for this step.
- 15.** Re-Pressing (fixing) the image into the garment is important for wash durability. It is best to re-press the image for roughly 30 seconds at 250°F / 120°C with kraft paper on top of the image for a matte finish. The teflon sheet can also be used for a glossy finish with a reduced press time of 15 seconds.
- 16.** Wait a few seconds before removing the kraft paper (or Teflon sheet). Pull slowly in one smooth, continuous motion. While the garment is still on the press and still hot; lightly stretch the material to allow the toner to soak into the fabric.

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.
- Type of image: Photos or full color graphics may require a longer press time than vector images or text
- Type of garment: Cotton, Polyester, and Spandex material all respond differently to heat. All instructions are based on cotton garments
- Toner Coverage: Halftones in image may cause undesired results. Toner coverage should not be less than 50%, otherwise there will be issues with transferring the adhesive to the transfer sheet. 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® Transfer RIP Software to apply a white layer in one pass). This will help with toner coverage and proper adherence to the garment.

If you are printing a very densely covered page, it is suggested you choose “heavy” for the paper type to avoid a paper jam at the fuser. If you do get a paper jam, shut off the printer, remove the fuser and clear the jam, then print some test pages on regular paper to clear the excess toner out of the fuser. Then reprint with “heavy” paper settings.

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

It is recommended to wash finished garments inside out in cold or warm water and low agitation. Hang to dry, do not use a dryer.

If there’s a background transfer, reduce the transfer time or pressure. If there are areas which are not completely clean, it is recommended to press again with light pressure and kraft paper to weed out the undesired areas with coating transfer.