iColor® 2 Step Standard Transfer Media Instructions
Part # ICHTSTDA / ICHTSTDB (8.5" x 11")
Part # ICHTSTDALONG / ICHTSTDBLONG (8.5" x 17")

Temperature	Time	Paper Setting	Pressure
310°F / 154°C	120 Seconds	Transparency	5

The iColor® standard 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® standard transfer media works at a higher temperature as compared to the iColor Premium paper (310°F / 154°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® standard transfer paper system. The first and second press share the same temperature and pressure so you don't have to wait for the press to change temperature.

iColor® standard 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 30 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® standard transfer media range will also work with many popular color laser printers – please check with your printer manufacturer to be certain.

iColor® standard 2 step transfer media is used as a set, comprising of a 'Transparent Transfer Sheet' (Part ICHTSTDA/LONG) and an 'Adhesive Sheet' (Part ICHTSTDB/LONG). Please follow the steps below for best results:

1. Place the transparent transfer sheet into the multipurpose tray of the iColor® printer, smooth side down, coated side up.

2. In the software printer settings, set the paper source to the 'Multi-purpose Tray'. Paper type should be 'transparency' and the page size should be 'Letter'. For the long paper, create a custom page size equal to 8.5" x 17". 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 310°F / 154°C.

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. Press the two sheets together using a heat press at 310°F / 154°C for 120 seconds with medium pressure. Be sure to cover with kraft paper before pressing.

7. Open the press and while hot – rub the media with a piece of textile for 5 seconds, then **immediately peel** the adhesive sheet away from the transparent transfer sheet diagonally in one slow, low and fluid motion. This should be done with the sheets on the press to minimize heat loss.

8. Discard the used adhesive sheet.

9. Trim the edges away from the transparent transfer sheet – this will ensure no excess adhesive sticks to the garment.

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.

11. Press the garment using a heat press at 310°F / 154°C for 30 seconds with medium pressure. Be sure to cover the transfer sheet and garment with a Teflon sheet.

12. Remove the garment from the heat press and allow 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. The image will adhere to the garment. Removal while still warm could lead to an incomplete or faulty transfer.

14. Re-Pressing (fixing) the image into the garment is important for wash durability. It is best to re-press the image for roughly 20 seconds at 310°F / 154°C with the included economy kraft fixing paper on top of the image for a matte finish.

15. Wait a few seconds before removing the kraft paper. Peel 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. 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 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, try removing the Teflon cover from the plate and preheat the press in the closed position.

- 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.

The optional iColor TransferRIP software can increase your productivity by saving time and improving the quality of your final product:

- Allows the user to manipulate the white layer behind the graphic for printing on dark or transparent media where white is needed as a background color. No need to create additional graphics with different color configurations – the software does it all – and in one pass! Enhance the brilliance of any graphic with fluorescent white behind color!
- Allows for the rasterization of the image to achieve a soft touch on the fabric. A rasterized design can feel softer than a screen print and increases the washability of 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 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.