



## iColor® 1-Step Transfer Media Instructions

### Part # ICHTLIGHT / ICHTLIGHTTAB

Temperature	Time	Paper Setting	Pressure
Cotton 390°F / 200°C - Poly 305°F / 150°C	15 Seconds	Ultra Heavy	5

iColor® 1-Step Transfer Media for light colored garments is an easy to use, all-in-one paper for use with light and medium colored garments only. The iColor® 1 Step Transfer Paper is easy to use, very inexpensive and features a very soft hand. This one step system saves time because there is no adhesive pressing step. Print and press directly to your garment in 15 seconds! No weeding necessary - produce quality images while dramatically reducing your production time.

Please follow the steps below for best results:

1. Place transfer sheet into the multipurpose tray of the iColor® printer, plain side up.
2. Set the printer to print from the 'Multipurpose Tray'. Paper type should be 'Ultra Heavy' and page size should be 'Letter' or 'A3' depending on the paper size. Remember to set the job to mirror print to ensure it looks correct when transferred to the garment. Use the iColor TransferRIP Software for the required amount of white overprint (For best results: 200% for white garments, 400% for medium colored garments, such as blue and gray)
3. Print the image.
4. Preheat the lower platen of the heat press for at least 15 seconds for best results.
5. Position the transfer sheet (print side down) onto the garment, cover the transfer sheet and garment with a Teflon sheet and press using a heat press at 390°F / 200°C for 15 seconds with medium pressure. 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 polyester garments, press at a reduced temperature of 305°F / 150°C
6. Open the heat press and wait 10 - 15 seconds, then peel the transfer sheet diagonally in one smooth motion. The waiting time before peeling is very important. Do not peel immediately or too late. You might have to experiment with what works for your heat press.
7. Re-Pressing (fixing) the image into the shirt is important for wash durability. It is best to re-press the image for roughly 30 seconds at 390°F / 200°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.

8. 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® TransferRIP Software** to apply a white layer in one pass). This will help with toner coverage and proper adherence to the garment.

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.

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 is 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.