

# UniNet<sup>®</sup>

## iColor<sup>®</sup>

### PRINTING SOLUTIONS

## iColor<sup>®</sup> 1-Step LIGHT Transfer Media Instructions

### Part # ICHTLIGHT / ICHTLIGHTTAB

Temperature	Time	Paper Setting	Pressure
Cotton 390°F / 200°C Poly 305°F / 150°C	15 Seconds	iColor 500/600: Ultra Heavy iColor 550: Coated Glossy	5

iColor<sup>®</sup> 1-Step Transfer Media for light colored garments is an easy to use, all-in-one media for use with light and medium colored garments. The iColor<sup>®</sup> 1 Step Transfer Media 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.

Designed to work with the iColor<sup>®</sup> series of specialty printers, the iColor<sup>®</sup> 1-Step Transfer Media will also work with many popular color laser printers – please check with your printer manufacturer to be certain. White toner enabled printers are suggested for best results.

Please follow the steps below for best results:

1. Place transfer sheet into the appropriate tray of the iColor<sup>®</sup> printer, print side up or down depending on your model (the plain side is the print side).
2. Paper type should be 'Ultra Heavy' if printing from the iColor<sup>®</sup> 500/600 and 'Coated Glossy' if printing from the iColor<sup>®</sup> 550. Page size should be 'Letter' or 'Tabloid' depending on the paper size being used. Remember to set the job to mirror print to ensure it looks correct when transferred to the garment. Use the iColor<sup>®</sup> TransferRIP or ProRIP 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). Select 2 pixel underfilling for best results.
3. Print the image.
4. Preheat the lower platen of the heat press for at least 30 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. This is all done while the garment is on the press to retain the heat.

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. NOTE: If this step is not done, the pressed image could bleed during the wash cycle, so take great care that the re-pressing is done correctly.

8. Wait a few seconds before removing the kraft paper. 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.

This transfer paper is recommended for use with light or medium colored garments because it is a 1-step paper without the adhesive backing. As a result, the darker the substrate, the more your graphic will be washed out or muted. If this look is the intent, then it is perfectly acceptable to use the **iColor® 1-Step Transfer Media** in this way.

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 or ProRIP 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. 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.

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.

To see video instructions for **iColor® 1-Step Transfer Media**, visit [www.icolorprint.com/video](http://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® 2-Step **GLITTER** Adhesive Transfer Media (for use with iColor® 2-Step **Standard** Transfer Media)

iColor® 1-Step **SPEED TRANS LIGHT** Transfer Media for light colored garments

iColor® 2-Step **Presto!** Transfer Media for textiles and hard surfaces

iColor® 1-Step **CLASSIC, Premium, WOOD AND LEATHER** and **CERAMIC** Hard Surface Transfer Media

iColor® 1-Step **AquaClear** Transfer Media

iColor® 2-Step **Temporary Tattoo** Transfer Media

## 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!

March 2019 Revision - A newer version of this manual may be available at [www.icolorprint.com/support](http://www.icolorprint.com/support)