UniNet®

iColor®

PRINTING SOLUTIONS

iColor® Presto! 1-Step Metallic Hard Surface Transfer Media Instructions
For ceramic, glass and metal applications

Temperature	Time	Paper Setting	Pressure
320°F / 160°C	180 Seconds	iColor 500/600: Labels 2 iColor 550: Coated Glossy	High

iColor® Presto! 1-Step Metallic Hard Surface Transfer Media is an easy to use, all-in-one paper for use with a variety of monochrome, white toner, CMYK Laser/LED printers and copiers. Print in black and press in bronze, gold and silver onto ceramic, glass, and metal. No cutting or weeding necessary! iColor® Presto! 1-Step Metallic Hard Surface Transfer Media does not require coated substrates, although certain coatings like CLC coated mugs will add to the durability of your project.

Designed to work with the iColor® series of specialty printers, the iColor® Presto! 1-Step Metallic Hard Surface Transfer Media will also work with many popular color and monochrome 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.

Please follow the steps below for best results. Each substrate will have a slightly different technique. Refer to the applicable section as it pertains to your project.

Recommended Color Settings:
iColor Printers: 100% Black. Set cartridges to standard CMYK configuration with black cartridge. Print in monochrome.
CMYK Printers: 100% Black. Print in monochrome or greyscale.
Other white toner printers: 300% Composite Black (100% Cyan, 100% Magenta, 100% Yellow)
Monochrome Printers: 100% Black with full density

1. Place transfer sheet into the appropriate tray of the iColor® printer, print side up or down depending on your model (the colored 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 'Labels 2' (for images with heavier toner coverage, it may be necessary to select 'Ultra Heavy') if printing from the iColor® 500/600 and 'Coated Glossy' if printing from the iColor® 550. Page size should be 'Letter'. Remember to set the job to mirror print to ensure it looks correct when transferred to the front of the substrate.

3. Print the image.

4. Set the temperature of the heat press or mug press according to the chart below (usually 320°F / 160°C) and preheat.

Mug Press:

Substrate	Time	Temp	Press Pressure	Peeling
Ceramic Mugs	180 Sec	320°F / 160°C	9 (High)	Cold
Glass	180 Sec	320°F / 160°C	9 (High)	Cold

1) Choose the appropriately sized sleeve for your press
2) Position and tape the transfer onto the mug with heat resistant tape (image facing the mug)
3) Place the mug in the press
4) Press using the setting above
5) Remove from press and let sit for one minute, then place in warm water (hot mugs can shatter when cooled too quickly)
6) Once the transfer is soft, peel it from the substrate in one smooth motion.
7) Clean any excess particles is Isopropyl alcohol if necessary

Use of CLC coated, satin finished laser or mugs with a slightly rougher finisher will help with scratch resistance.

Swing away or clam shell press:

Substrate	Time	Temp	Press Pressure	Peeling
Acrylic	60 Sec	320°F / 160°C	7 - 8 (Med High)	Warm
Glass & Mirror	180 Sec	320°F / 160°C	9 (High)	Cold
Metal & Steel	80 Sec	390°F / 200°C	9 (High)	Cold
Wood	60 Sec	320°F / 160°C	6 - 7 (Med)	Warm

1) Close the press to preheat the lower platen
2) Place a piece of kraft paper on the lower plate. Align the printed image to the substrate and lay flat on the press, with the **iColor® Presto! 1-Step Metallic Hard Surface Transfer Media** on top (image facing the substrate). You can tape the hard surface paper to the lower kraft paper for additional stability
3) Cover the transfer with a silicon pad (.5mm - 1mm is suggested for best results)
4) Press using the setting above
5) For cold peels, remove from press and let sit for one minute, then place in warm water (hot glass and ceramic can shatter when cooled too quickly). Once the transfer is soft, peel it from the substrate in one smooth motion
6) For warm peels, remove from press and let sit for one minute. Once the transfer is warm, peel it from the substrate in one smooth motion.
7) Clean any excess particles is Isopropyl alcohol if necessary

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. Other brands of clam shell and swing away presses may also yield different results.

• **Type of substrate:** Some substrates may require more or less press time, depending on the material and the image being pressed. Recommended settings can vary greatly, especially with substrates of varying thickness. The use of a digital thermometer placed between the substrate and the transfer will result in more consistent results.

• **Type of image**: Full coverage graphics may require a longer press time than vector images or text.

The use of a silicon pad is necessary when using the Hard Surface Paper. All instructions are based on a .5mm pad. Thicker pads (greater than 1mm) will require longer press times and higher temperatures. In these cases, the use of a thermometer can help to establish the best settings.

Use of kraft paper below and above your project is highly recommended. 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 you are using tape to secure your image to the substrate, make sure the tape is not covering any part of the transfer, as that will lead to inconsistent results.

For all applications, it is suggested that the size of your transfer paper is larger than your substrate for an easier pull and to avoid differences in the sheen.

If a particular instruction is not working for you, try varying pressure, press time, higher or lower temp, longer or shorter dwell time.

To see video instructions for **iColor® Presto! 1-Step Metallic Hard Surface Transfer Media**, visit www.icolorprint.com/video

Also available:

iColor® 1-Step LIGHT and SPEED TRANS LIGHT Transfer Media for light colored garments
iColor® 2-Step *Standard* 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® 2-Step *Premium* and *Premium* STRETCH Transfer Media for light and dark colored garments
iColor® 2-Step Presto! Transfer Media for textiles
iColor® 1-Step CLASSIC, *Premium*, WOOD AND LEATHER and CERAMIC Hard Surface Transfer Media
iColor® 2-Step Temporary Tattoo Transfer Media
iColor® 1-Step *AquaClear* Transfer Media

…and more! Contact your dealer for more information.

March 2018 Revision - A newer version of this manual may be available at www.icolorprint.com/support