



iColor® 1 Step Heat Transfer Paper for Hard Surfaces Instructions

Part # ICHHARD

iColor® 1 Step transfer media is an easy to use, all in one paper for use with hard surfaces. Please follow the steps below for best results:

1. Place transfer sheet into the multipurpose tray of the iColor® printer, unprinted side up.
2. Set the printer to print from the 'Multipurpose Tray'. Paper type should be 'Label' and page size should be 'Letter'. Remember to set the job to mirror print to ensure it looks correct when transferred to the substrate.
3. Print the image.
4. Set the temperature of the heat press to 390°F / 200°C
4. Place the substrate on the lower plate and position the transfer sheet (print side down) onto the substrate and cover with the universal silicone pad.
5. Place the sensor of a digital thermometer between the transfer sheet and the substrate. Press time is dependent on the mass of the substrate. Refer to the setting matrix below for further information.

6. Open the press when the appropriate temperature is reached and peel as indicated.

7. Fix the image with additional heat with a pressure of 2 using the wooden frame if indicated.

Surface	Press Pressure	Preheating	Opening At	Peeling	Fixing
Aluminum	4 - 5 (55 - 70 PSI)	No	250°F / 120°C	Warm or Cold	60 Sec.
Adhesive Film	4 - 5 (55 - 70 PSI)	No	265°F / 130°C	Let Cool for 5 - 10 Sec.	No
Chromolux Binder	3 - 4 (40 - 60 PSI)	5 Sec.	220°F / 105°C	Warm or Cold	No
Wood	3 (40 PSI)	20 Sec.	210°F / 100°C	Immediately	30 Sec.
Ceramic Tile	4 - 5 (55 - 70 PSI)	No	265°F / 130°C	Warm or Cold	60 Sec.
Magnetic Vinyl	4 - 5 (55 - 70 PSI)	No	240°F / 115°C	Warm or Cold	60 Sec.
Acrylic Glass	4 - 5 (55 - 70 PSI)	No	215°F / 102°C	Let Cool for 5 - 10 Sec.	No
Mirror	4 - 5 (55 - 70 PSI)	No	290°F / 145°C	Warm or Cold	No
Mouse Pad	4 - 5 (55 - 70 PSI)	No	230°F / 110°C	Warm or Cold	No
Place Mat	4 - 5 (55 - 70 PSI)	No	230°F / 110°C	Warm or Cold	60 Sec.

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
- Toner Coverage: Halftones in image may cause undesired results. Toner coverage should not be less than 50%, otherwise there may be issues with transferring.
- 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 substrate.