

# Application Instructions for ChromaBlast Transfer Media

## Recommended Applications

White or Light Colored 100% Cotton Fabrics

## ChromaBlast Transfers: Step-By-Step

Once your ChromaBlast System is set up and in place, printing and transferring an image onto a white or light colored 100% cotton garment is a breeze. Just follow these simple steps, and you are on your way to creating one-of-a kind, beautiful and profitable products.

1. Import an image (it could be a photograph from a digital camera) into your graphics application and manipulate it to suit your desired result. Manipulation may include sizing the graphic, setting the proper page margins and borders for printing or applying color correction if required.
2. Load ChromaBlast paper into your printer. The printable side is opposite the ChromaBlast logo.
3. Click Print in your application and select the ChromaBlast driver as the printing device. Ensure that the Mirror option is selected, unless you have already reversed the image in your graphics application.
4. Adjust your heat press settings. See chart below for **suggested** settings.
5. Place the garment on the heat press, and place the ChromaBlast paper, with the image facing down, over the garment. Close the heat press.
6. After the allotted time, release the press and move the heat platen aside. While still hot, and with an even motion, peel the ChromaBlast paper off the garment (hot peel), and stretch the image area from top to bottom and side to side to reduce the hand on the fabric.

ChromaBlast / ChromaBlast-R (Suggested Press Parameters)		
	U.S.	Europe
Temperature	375°F - 400° F	190°C - 204°C
Pressure	60 psi (High)	4.22 kg/cm <sup>2</sup> ; 4.14 bar
Time	40 sec – 25 sec	40 sec – 25 sec

**IMPORTANT:** Due to variations in garments and heat presses, these settings may vary. For best results, test different time/temperature combinations to find one that works best with your garment/heat press combination. Please note, higher temperatures generally require less time to prevent scorching. An insufficient time/temperature combination may hinder ChromaBlast from completely curing to the cotton fibers, thus resulting in wash out.

## ChromaBlast and ChromaBlast-R Application Instructions *(cont'd 2:2)*

### Storage Instructions

Store ChromaBlast Media in a cool, dry environment. Do not remove media from protective packaging until ready to use. Once packaging has been opened, store media in the plastic zip-loc bag provided.



#### TIPS & SUGGESTIONS

- Calibrating the heat press is recommended to ensure an accurate temperature. For this procedure, temperature test strips are more accurate than the use of infrared temperature guns.
- Mirror Image – The image becomes reversed when transferred from paper to garment. Therefore, you will need to “flip” or reverse the image before printing to paper. You can easily mirror your image by selecting the “mirror option” in the ChromaBlast Driver or by reversing the image in the graphics software before printing.
- If desired, you may trim the non-printed media around the printed image before transferring to garments. Leaving a ¼” margin around the printed area is highly recommended for light-colored garments.
- If possible, avoid pressing any zippers, buttons or other plastic decorations attached to the garment. The heat and pressure needed to bond the ink to the cotton fabric may cause these to crack or melt.
- In an effort to reduce hand, the transfer should be peeled from the garment immediately after pressing (hot peel). While the fabric is still hot, gently stretch the image area from top to bottom (with the weave of the garment) and left to right (across the weave of the garment).
- If immediately after pressing, the paper is not easily peeled from the garment and resists removal because the transfer is somewhat tacky, increase the amount of cure time.
- If immediately after pressing, the transferred image has a slick or shiny appearance, increase the amount of pressure used.
- Different cotton fabrics will exhibit slightly different results. Please test your fabric before pressing your final design to ensure desired results.

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