Heat Transfer Application Guide

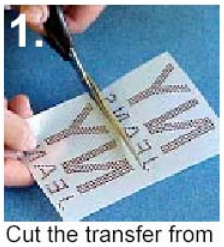
Directions for hot-fix heat transfers made with Permaboss.com equipment.

TEMPERATURE: 150-180°C or 300-350°F
TIME: 10-25 Seconds
PRESSURE: 40 PSI or "firm pressure"

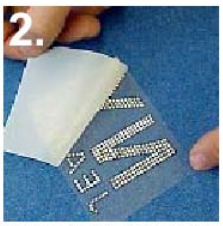
In general, the higher the temperature, the shorter pressing time you need. It is better to use a slightly higher temperature and shorter pressing time so that the material is exposed to the heat for less time.

CORRECT INCORRECT INCORRECT INCORRECT

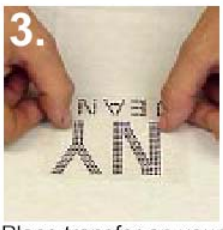
The above settings are only suggestions and should always be tested on your material first. The bottom of the heat press should have a 1/4" silicone pad so that the pressure is distributed evenly over the transfer. Some fabrics that are treated with or contain silicone are difficult to work with. The glue may not adhere to the fabric. To be sure that the transfer is afixed properly, do a test wash or dry clean. We guarantee our products, but not the finished product, as we have no control over the operator, or quality of the equipment. **NOTE:** The temperature displayed on the heat press is not always accurate. Please check it with a thermometer. The heat decreases around the edges of the press. Never use a hand iron, household or industrial.



Cut the transfer from the sheet



Remove the protective backing



Place transfer on your garment

Apply on heat press following above directions

Allow the transfer to cool fully, then remove the clear transfer paper

Final result on garment

Rhinestones R Us 4709 County Road East, Orland, CA 95963
Tel (530)865-9200 Fax (530)865-3615 http://www.rhinestonesrus.com

© Copyright Permaboss.com, Inc. 2003

Heat Transfer Troubleshooting

Directions for hot-fix heat transfers made with Permaboss.com equipment.

Washing Directions

Wash up to 40°C or 100°F

Iron garment inside-out

Do not iron directly over stones

Do not bleach

Tumble dry garment inside-out

Dry cleaning okay

PROBLEM	TEMPERTURE	TIME	PRESSURE	SILICONE PAD
The transfer elements do not adhere to the fabric.	**POSSIBLE CAUSE:** Too low or unequal temperature distribution on the heating surface.	**POSSIBLE CAUSE:** Not enough time.	**POSSIBLE CAUSE:** Not enough pressure or the heat press doesn't close parallel	**POSSIBLE CAUSE:** Wrong type of pad –either too thick or thin or too hard or soft.
	SOLUTION: Raise temperature to 170°C or 340°F. Check the temperature with a thermometer.	**SOLUTION:** Apply for longer time.	**SOLUTION:** Increase the pressure or align the press properly.	**SOLUTION:** Test different silicone pads to find the ideal one.
The glue runs on to the fabric.	**POSSIBLE CAUSE:** Temperature too high.	**POSSIBLE CAUSE:** Too much time.	**POSSIBLE CAUSE:** Too much pressure.	**POSSIBLE CAUSE:** Pad is too hard.
	SOLUTION: Raise temperature to 170°C or 340°F. Check the temperature with a thermometer.	**SOLUTION:** Reduce time, especially for thin fabrics.	**SOLUTION:** Reduce pressure, especially for thin fabrics.	**SOLUTION:** Use a softer pad.
The transfer paper leaves an impression on pressure sensitive fabrics such as velvet or knitwear.	**POSSIBLE CAUSE:** Temperature too high.	**POSSIBLE CAUSE:** Too much time.	**POSSIBLE CAUSE:** Too much pressure.	**POSSIBLE CAUSE:** Pad is too hard.
	SOLUTION: Raise temperature to 170°C or 340°F. Check the temperature with a thermometer.	**SOLUTION:** Reduce time or steam the fabric on the reverse side.	**SOLUTION:** Reduce pressure or steam the fabric on the reverse side.	**SOLUTION:** Use a softer pad.
The transfers have to be applied to multi-layer fabric parts such as seams, bags, collars or cuffs.		**SOLUTION:** Lengthen the application time, because multi-layer fabrics take longer for the adhesive to melt.	**SOLUTION:** Use high pressure.	**SOLUTION:** Select a pad that offers optimal contact between the transfer and heat plate. For pocket borders, balance out the height using cut pieces of felt or similar material.
The transfer has to be applied to suede leather.	**SOLUTION:** Pre-shrink material by pressing on the heat press it 1 or 2 times without the transfer.	**SOLUTION:** Begin with a short application time and perform tests.	**SOLUTION:** Use silicone foam as a pad.	

Rhinestones R Us 4709 County Road East, Orland, CA 95963
Tel (530)865-9200 Fax (530)865-3615 http://www.rhinestonesrus.com

© Copyright Permaboss.com, Inc. 2003