Heat Press Test Kit

PRODUCTS USED

Heat Press Test Kit

For Testing Temperature and Pressure

Why Test Your Heat Press?

- Sections of a transfer won't adhere.
- Edges of transfers or lettering that pull up or don't adhere.

There could be problems associated with heat application that have absolutely nothing to do with the transfer or the person applying the transfer. They have to do with the heat press producing hot and cold spots. This can occur if the press has inadequately spaced heating elements. What are cold spots? Those areas in the upper platen of a heat press that cannot maintain the desired temperature. A heat press that is set at 360°F may have areas between heating elements or edges that are up to 20° cooler.

Causes of Hot and Cold Spots

- Too sparse placement of heating elements.
- Warped platens caused by over heating beyond 500°F.
- Cracks in the bottom rubber pad.
- Bent platens caused by dropping the heat press.
- Insufficient thickness of heat platen.
- Ineffective and inaccurate heating element designs.

Solutions for Hot and Cold Spots

- Replace the rubber pad if it has rips, tears, or cracks which may be preventing even heat. Use a Teflon pad protector to prevent wear and tear of the rubber pad.
- Replace the upper platen in the heat press if it is warped, although this will not solve your problems if the press is poorly designed.
- Consider replacing your heat press with one that has a thicker platen and more heating elements, such as a Hotronix heat press.

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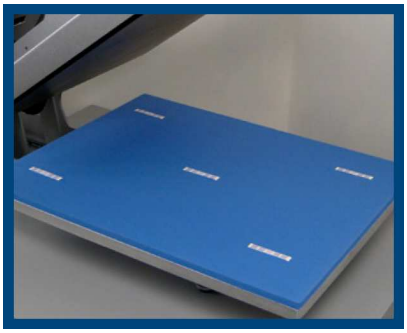
Directions

Test for even heat and temperature accuracy using the enclosed temperature strips. Test for even platen pressure at the same time, using the four pieces of paper.

1) SET THE TEMPERATURE at 360°F at a medium pressure. *#5 on Hotronix.*

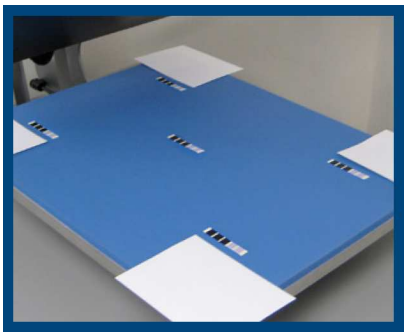


2) REMOVE THE TEMPERATURE STRIPS from paper backing and position them on the lower platen as indicated.

3) POSITION PIECES OF PAPER in the four corners on the lower platen with part of the paper hanging off the edge.

4) HEAT for 8 seconds at medium pressure. While the upper platen is locked into place, try to pull the four pieces of paper out from between the platens.

5) CHECK PRESSURE RESULTS. Pieces of paper that come out indicate uneven pressure and/or a warped platen. Inaccurate heat application and ruined garments could result if not fixed.



6) CHECK TEMPERATURE RESULTS. Strips blacken to show the temperature of the platen area tested. Strips that do not appear similar are evidence of differences in platen temperature.

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