

## EcoFlex Reflective Plate - Application instructions

EcoFlex Reflective Plate is a heat transfer with high reflective ability that can be applied to most types of fabrics and can be washed in temperatures up to 60°C (140°F).

### CHECKING the EcoFlex Reflective Plate transfers:

- We recommend our customers to check that our EcoFlex Reflective Plate transfers can be attached well to the kind fabric in mind, before placing an order. For example may impregnating agents etc. act repellent towards transfers. Please let us know if you wish to receive samples for testing purposes. Perma Press guarantees the quality of the transfers, but not the result together with the fabric to which the transfers are to be attached.
- When receiving the ordered transfers, we recommend our customers to check the transfers and make sure that the transfers received are correct as far as motif, typeface, colors, adhesive, etc. are concerned. Perma Press will replace faulty transfers in case of a mistake on our behalf, but Perma Press cannot be held responsible in case faulty transfers are attached to garments and these garments are considered damaged due to the faulty transfers.

### ATTACHING the EcoFlex Reflective Plate transfers:

Please note that this is a general recommendation. It is the buyer's responsibility to make tests to find the most appropriate method for the particular fabric used.

Set heat-sealing temperature to approximately 160°C (320°F). Heat-sealing pressure should be about 0.5 kg/cm<sup>2</sup>.

1. Preheat the fabric for 2-4 seconds. This gives flat surface for heating onto and reduces (through vaporizing) unwanted moisture and other particles.
2. Remove the protective paper on the back of the heat transfer.
3. Place the heat transfer on the fabric with the color side up and heat press for 15 - 20 seconds, depending on the thickness of the fabric. The heat-sealing plate must not be lifted up/off too rapidly, since the transfer then could be lifted off from the fabric a little bit, due to under-pressure, static electricity and the hot melted "liquid" transfer glue.
4. After-heat the heat transfer for 2 - 4 seconds either by putting a paper between or by applying directly onto the heat transfer if a teflon sheet is used on the heating plate.

Step 2 and 3 are very important! Step 1 and 4 (pre-heating and after-heating) isn't always necessary, but it usually improves the transfer's long-term adhesive capacity (especially the after-heating). It's also important that you use good machines when heating on transfers. The surface must be flat, the pressure must be evenly spread, and the heat-sealing temperature must be consistent.

*Please note that our environment friendly, water based, PVC-free, unique transfers have different characteristics in comparison to old PVC transfers. When attaching a water based transfer the result is NOT improved by a higher temperature and a longer heat-sealing time - quite the opposite actually. Too high temperature and/or too long heat-sealing time impair the transfer's adhesive capacity.*

### WASHING the EcoFlex Reflective Plate transfers:

- The garment, to which the EcoFlex Reflective Plate transfer has been attached, can be washed in water with a temperature of up to 60°C (140°F), and with a maximum pH of 11. Use washing detergents free from bleaching agents! Do NOT exceed 60°C (140°F) when washing or drying. The EcoFlex Reflective Plate transfer can also be used on fabrics that need dry cleaning or industrial washing.
- Please note that transfers should not be washed until a couple of days after having been heated on to the fabric. This is important in case you perform washing tests – don't expose the transfers to any test washing right after heating on – wait for at least 72 hours.

*We do our utmost in order for our unique EcoFlex Reflective Plate transfers to match and even exceed your expectations. Don't hesitate to contact us in case you have questions.*

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