

Polar Camel Sublimatable Water Bottle Instructions

There are 3 methods of sublimating this product - in a mug press in an oven using shrink wrap or a silicone wrap. Scroll for all methods.

USING A MUG PRESS:

Note: Because not all mug presses are created equally the dwell time in a press can vary. The settings below are based on a GKDK3 mug press from George Knight.

2nd Note: Be sure that the artwork does not go beyond the size limits of the mug press.

3rd Note: Because of the gap where the mug press closes you will not be able to have the artwork wrap around the entire beverage holder.

Supplies needed:

- sublimatable substrate (water bottle)
- sublimation transfer
- scratch paper
- heat tape

Mug heat press settings:

- temperature - 380 degrees F
- dwell time - 1 - 1:15 minutes
- pressure - light to medium

Steps:

1. Position the substrate onto the transfer.
2. Tape two ends of the transfer allowing for the gap in the mug press where it will close.
3. Remove the lid.
4. Wrap a piece of scratch paper around the transfer and water bottle taping if necessary.
5. Center the water bottle in the mug press.
6. Close the mug press using the heat press settings above.
7. Remove items from the press immediately. Use heat resistant gloves if necessary - the items will be very hot.
8. Remove transfer and scratch paper.

Tips:

- If the image of the final product appears light increase the pressure or the dwell time slightly (10-15 seconds).
- If the image on the final product appears blurred or substrate appears yellowed reduce the dwell time slightly (10-15 seconds).
- Too much pressure can cause trapped moisture in the paper to "jet" away pulling ink with it in a spiked-peaked formation. To avoid this reduce the pressure.
- Take care when applying pressure as too much press can cause the water bottle to bend slightly.

IN A CONVECTION OVEN (with Silicone Wrap):

Note: Because not all ovens are created equally the dwell time in an oven can range from 6:30 to 7:30 minutes. Convection oven is recommended. Settings will vary depending on the oven brand and model ink and paper and atmospheric conditions.

2nd Note: Be sure that the artwork does not go beyond the size limits of the wrap.

Supplies needed:

- sublimatable substrate (polar camel)
- sublimation transfer
- scratch paper
- Silicone Wrap
- heat tape
- convection oven

Oven settings:

- temperature - 380-400 degrees F
- dwell time - 6:30 to 7:30 minutes
- pressure - light to medium

STEPS:

1. Position transfer onto the substrate using heat tape to secure the transfer to the substrate.
2. Remove the lid
3. Cut a piece of scratch paper to tape over your artwork transfer this protects your wrap from ink.
4. Use the silicone wrap to secure the transfer to the Polar Camel start wrapping the Polar Camel by stretching and rolling the silicone over top of itself. Make sure to start wrap in a non artwork area to prevent a line in your artwork.
5. Put a piece of heat tape around silicone wrapped Polar Camel to secure wrap.
6. Place Polar Camel in oven with recommended settings listed above.
7. Halfway through the cook time open the oven and turn the Polar Camel 180 degrees. This allows for even heating.
8. Pull from oven and remove wrap and paper. Caution contents will be hot use heat resistant gloves for safety.

Tips:

- If the image of the final product appears light increase the pressure or the dwell time slightly (30-45 seconds).
- If the image on the final product appears blurred or substrate appears yellowed or has brown spots reduce the dwell time slightly (30-45 seconds).

IN A CONVECTION OVEN (with Shrink Wrap):

Note: Because not all ovens are created equally the dwell time in an oven can range from 5:30 to 6:30 minutes. Convection oven is recommended. Settings will vary depending on the oven brand and model ink and paper and atmospheric conditions.

2nd Note: If using a table-top convection oven the water bottle will need to be laid down on it's side as it will not fit in the oven standing up.

Supplies needed:

- sublimatable substrate (polar camel)
- sublimation transfer
- Shrink Wrap
- heat gun (to preshrink the shrink wrap)
- heat tape
- convection oven

Oven settings:

- temperature - 375-380 degrees F
- dwell time - 4:30 to 5:30 minutes

STEPS:

1. Position transfer onto the substrate using heat tape to secure the transfer to the substrate.
2. Remove the lid
3. Place substrate and transfer into the shrink wrap sleeve.
4. Using the heat gun carefully preshrink the wrap. It does not need to be completely shrunk as it will continue to shrink in the oven.
5. Place Polar Camel in oven with recommended settings listed above.
6. Halfway through the cook time open the oven and turn the Polar Camel 180 degrees. This allows for even heating.
7. Pull from oven and remove wrap and paper. Caution contents will be hot use heat resistant gloves for safety.

Tips:

- If the image of the final product appears light increase the pressure or the dwell time slightly (30-45 seconds).
- If the image on the final product appears blurred or substrate appears yellowed or has brown spots reduce the dwell time slightly (30-45 seconds).