

Polar Camel Sublimatable 20 oz Tall Tumbler 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.

METHOD 1 - 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 tumbler.

Supplies needed:

- sublimatable substrate (mug)
- 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. cut your transfers so that the transfer is slightly larger vertically than the tumbler.
2. Position the substrate onto the transfer.
3. Tape two ends of the transfer allowing for the gap in the mug press where it will close.
4. Wrap a piece of scratch paper around the transfer and mug taping if necessary.
5. Center the transfer and tumbler 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 or has brown spots on the rim of the top or bottom of the mug 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 tumbler to bend slightly which will prevent the lid from fitting properly.

METHOD 2 - IN A CONVECTION OVEN (using silicone wrap):

Note: Because not all ovens are created equally the dwell time in an oven can range from 6 to 9 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 - 400 degrees F
- dwell time - 5.5 to 7 minutes
- pressure - light to medium

STEPS:

1. Position transfer onto the substrate using heat tape to secure the transfer to the substrate.
2. Cut a piece of scratch paper to tape over your artwork transfer this protects your wrap from ink.
3. 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.
4. Put a piece of heat tape around silicone wrapped Polar Camel to secure wrap.
5. Place Polar Camel in oven with recommended settings listed above.
6. Turn the tumbler 180 degrees half way through the dwell time.
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).

METHOD 3 - IN A CONVECTION OVEN (using Shrink Wrap):

Note: Because not all ovens are created equally the dwell time in an oven can range from 4 to 5 minutes. Convection oven is recommended. Settings will vary depending on the oven brand and model ink and paper and atmospheric conditions.

Supplies needed:

- sublimatable substrate (polar camel pilsner)
- sublimation transfer
- shrink wrap
- heat gun
- heat tape
- convection oven

Oven settings:

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

STEPS:

1. Position transfer onto the substrate (pilsner) using heat tape to secure the transfer to the substrate.
2. Place Polar Camel and transfer into shrink wrap cylinder.
4. Using the heat gun carefully direct hot air onto the shrink wrap until tight around the Polar Camel and transfer.
5. Place Polar Camel in oven with recommended settings listed above.
6. Turn the tumbler 180 degrees half way through the dwell time.
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).