Metallic Plated Mugs

METALLIC PLATED MUGS - Sublimation (Drinkware)

DW202G | DW203S



GENERAL MUG PRESS PROCESS

Recommended Equipment & Accessories

- Sublimation Printer
- Mug Press
- Heat Gloves
- Optional: Bucket of room temperature water for cooling

Recommended Settings - Constant Temperature Mug Press	
Time	160-170 seconds
Temperature	390-400°F
Pressure	Medium-heavy

General Sublimation Instructions - Constant Temperature Mug Press

- Preheat the press to 390-400°F. Set the time to 160-170 sec., set pressure to medium-heavy.
- Wipe down the mug with soft cloth misted with isopropyl alcohol.
- Print and apply transfer to the mug using heat tape.
- Place the mug into the mug press. Close and press for recommended time.
- When finished, remove the mug from press. Carefully remove the transfer paper from the mug and discard. Set mug aside to cool.
    - Optional: Submerge mug with transfer still attached into room-temperature water to cool. Once cooled, remove transfer paper from mug and discard.

Recommended Settings- Variable Temperature Mug Press	
Time	15-20 seconds
Idle Temperature	205°F
Press Temperature	390-400°F
Pressure	Medium-Heavy

General Sublimation Instructions - Variable Temperature Mug Press

- Preheat the mug press to 250° F idle temp., and 390-400° F press temperature. Set the time to 15-20 sec., set pressure to medium-heavy.
- Wipe down the mug with soft cloth misted with isopropyl alcohol.
- Print and apply transfer to the mug using heat tape.
- Place the mug into the mug press. Close and press for recommended time.
- When finished, remove the mug from press. Carefully remove the transfer paper from the mug and discard. Set mug aside to cool.
    - Optional: Submerge mug with transfer still attached into room-temperature water to cool. Once cooled, remove transfer paper from mug and discard.

Tips and Tricks

- For best image placement, utilize the product template found on the product page on JPPlus.com.
- When using two sleeves, overlap towards the center of the drinkware before shrinking to ensure even pressure across the entire graphic.
- Some mugs may react slightly different when cooling with room-temperature water. When using this water-cooling method to speed the cooling process, it is recommended to examine the first mug to ensure there is no surface cracking or damage caused by the water cooling process. Do not continue to use this optional cooling method if the water cooling method causes damage to the mug or the mug surface.

GENERAL CONVECTION OVEN PROCESS

Recommended Equipment & Accessories

- Sublimation Printer
- Convection Oven
- Heat Shrink Sleeves or Quick Release Wrap
- Heat Gun
- Heat Gloves
- Optional: Bucket of room temperature water for cooling

Recommended Settings- Convection Oven	
Time	12-15 minutes
Temperature	390-400°F
Pressure	Light-Medium (shrink sleeve or silicone wrap)

General Sublimation Instructions - Convection Oven

- Preheat oven to 390-400°F while preparing your mug.
- Print and place transfer face down onto the mug. Secure transfer with heat tape.
- If using Shrink Sleeves: Slide heat shrink sleeve over top of the transfer paper. Use a heat gun to shrink the sleeve onto the glass.
    - To help hold the transfer paper in place on the glass, first shrink the wrap onto the taped ends of the transfer paper, then shrink the rest of the sleeve around the transfer paper.
    - Shrink one end of the sleeve first to help secure the transfer position on the product.
- If using Quick Release Wrap: Wrap the glass and close by clasping metal ends.

    - If the mug has tapered sides, the Quick Release Wrap may need to be adjusted in order to fit tight around the tapered sides of the mug.
- Once oven is preheated, place the mug into oven and heat for the recommended time.
- When finished, carefully remove the mug from the oven using heat gloves.
- Carefully remove the shrink sleeve or silicone wrap.
- Remove the transfer paper from the mug and discard. Set mug aside to cool.
    - Optional: Submerge mug with transfer still attached into room-temperature water to cool. Once cooled, remove transfer paper from mug and discard.

Tips and Tricks

- For best image placement, utilize the product template found on the product page on JPPlus.com.
- When using two sleeves, overlap towards the center of the drinkware before shrinking to ensure even pressure across the entire graphic.
- When heating multiple mugs, additional heating time may be required.
- Some mugs may react slightly different when cooling with room-temperature water. When using this water-cooling method to speed the cooling process, it is recommended to examine the first mug to ensure there is no surface cracking or damage caused by the water cooling process. Do not continue to use this optional cooling method if the water cooling method causes damage to the mug or the mug surface.

Troubleshooting

- The image came out light and/or faded.
    - The time setting may need to be increased.
    - The temperature setting may need to be increased.
    - The pressure setting on the press or wrap may be too light and need to be increased for better contact between the sublimation transfer paper and the surface of the product.
    - The press or oven may not be heating at the temperature set on the display.
    - The sublimated image may have been printed on the wrong side of the sublimation paper.
- The image colors are dull on the sublimated product.
    - The press/heat time may need to be decreased.
    - The press/heat temperature may need to be decreased.
    - The print settings may need to be adjusted. Also check that the proper paper type and/or color profile is selected before printing the image.
- The image colors are not correct on the sublimated product.
    - The print settings may need to be adjusted. Also check that the proper paper type and/or color profile is selected before printing the image.

    - Convert the colors used in the image to RGB color mode in the design/layout software before printing.
    - If spot colors are used in the image (common for logos), convert the spot colors to RGB color mode in the design/layout software before printing.
- The sublimation paper is brown and sticking to the product.
    - The press/heat time may need to be decreased.
    - The press/heat temperature may need to be decreased.
    - The pressure setting may need to be decreased.
    - Use of a different sublimation paper brand or type may be needed for the particular product.
- The sublimated image appears blurry or fuzzy.
    - The pressure setting may need to be increased.
    - The sublimation transfer paper may need to be secured to the product to prevent the paper from moving.
    - The sublimatable coating on the product may be defective.

Templates and Images

- Visit jpplus.com to find the product page for this item. The product template may be found under the Tech Docs and Downloads area of the page.

To order more of this product, see similar products and much more, please visit jpplus.com.

For additional product support and troubleshooting, please contact JPPlus Advanced Support Team:

- Phone: 419-500-4877
- Email: ast@jpplus.com
- Schedule an appointment: https://jpplusadvancedsupport.setmore.com/