

Frosted Glass Mason Jar with Handle, Lid and Straw

JOHNSON PLASTICS
PLUS

FROSTED GLASS MASON JAR WITH HANDLE, LID AND STRAW - Sublimation (Drinkware)

XP9100F



GENERAL MUG PRESS PROCESS

Recommended Equipment & Accessories

- Sublimation Printer
- Mug Press
- Heat Gloves
- Blowout paper

Recommended Settings - Constant Temperature Mug Press	
Time	120 seconds
Temperature	360-375°F
Pressure	Light/medium

General Sublimation Instructions - Constant Temperature Mug Press

- Preheat the press to 360-375°F. Set the time to 120 sec., set pressure to light/medium.
 - Remove the lid and straw from the item.
 - Wipe down the jar with soft cloth misted with isopropyl alcohol.
 - Print and apply transfer to the jar using heat tape.
 - Optional: Cover the jar with a second piece of standard copy paper or blowout paper that is the same size or slightly larger than the transfer paper. Secure the paper with heat tape.
 - Place the jar into the mug press. Close and press for recommended time.
 - When finished, remove the jar from press. Set the jar aside to cool.
 - **CAUTION**: DO NOT immerse the jar in water as this may shatter the glass.
 - After the jar has cooled, remove the transfer paper from the jar and discard.
 - Note: Removing the transfer paper before the jar is cooled may cause scratch marks in the frosted coating.
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Recommended Settings- Variable Temperature Mug Press	
Time	15 seconds
Idle Temperature	220°F
Press Temperature	350°F
Pressure	Light/medium

General Sublimation Instructions - Variable Temperature Mug Press

- Preheat the press to 220° F idle temp., and 350° F press temperature. Set the time to 15 sec., set pressure to light/medium.
- Remove the lid and straw from the item.
- Wipe down the jar with soft cloth misted with isopropyl alcohol.
- Print and apply transfer to the jar using heat tape.
 - Optional: Cover the jar with a second piece of standard copy paper or blowout paper that is the same size or slightly larger than the transfer paper. Secure the paper with heat tape.

- Place the jar into the mug press. Close and press for recommended time.
- When finished, remove the jar from press. Set the jar aside to cool.
 - **CAUTION:** DO NOT immerse the jar in water as this may shatter the glass.
- After the jar has cooled, remove the transfer paper from the jar and discard.
 - Note: Removing the transfer paper before the jar is cooled may cause scratch marks in the frosted coating.

Tips and Tricks

- For best image placement, utilize the product template found on the product page on JPPlus.com.
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GENERAL CONVECTION OVEN PROCESS

Recommended Equipment & Accessories

- Sublimation Printer
- Convection Oven
- Heat Shrink Sleeves or Quick Release Wrap
- Heat Gun
- Heat Gloves

Recommended Settings- Convection Oven	
Time	12-15 minutes
Temperature	380-400°F
Pressure	Light/medium

General Sublimation Instructions - Convection Oven

- Preheat oven to 380-400°F while preparing the jar.
- Print and place transfer face down onto the jar. Secure transfer with heat tape.
 - Optional: Cover the jar with a second piece of standard copy paper or blowout paper that is the same size or slightly larger than the transfer paper. Secure the paper 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 jar.
 - To help hold the transfer paper in place on the jar, 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 jar.

- If using Quick Release Wrap: Wrap the jar and close by clasping metal ends.
 - The Quick Release Wrap may need to be adjusted in order to fit tight around the sides of the jar.
 - Once oven is preheated, place the jar in the oven upside down on the middle of the oven rack and heat for the recommended time.
 - Close the 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.
 - When finished, remove the jar from press. Set the jar aside to cool.
 - **CAUTION:** DO NOT immerse the jar in water as this may shatter the glass.
 - After the jar has cooled, remove the transfer paper from the jar and discard.
 - Note: Removing the transfer paper before the jar is cooled may cause scratch marks in the frosted coating.
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Tips and Tricks

- For best image placement, utilize the product template found on the product page on JPPlus.com.
 - When heating multiple jars, additional heating time may be required.
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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.
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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.
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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/>