

Frosted Beer Can Glass

JOHNSON PLASTICS
PLUS

FROSTED BEER CAN GLASS - Sublimation (Drinkware)

XPBG-13 | XPBG-18



GENERAL MUG PRESS PROCESS

Recommended Equipment & Accessories

- Sublimation Printer
- Mug Press
- JP4H2-4 or JP4H2-5 (for use with JP450 Mug Press)
- Heat Gloves

Recommended Settings - Constant Temperature Mug Press	
Time	90-120 seconds
Temperature	370-380°F
Pressure	Light/Medium

General Sublimation Instructions - Constant Temperature Mug Press

- Preheat the press to 370-380°F. Set the time to 90-120 sec., set pressure to light/medium.
- Wipe down the glass with soft cloth misted with isopropyl alcohol.
- Print and apply transfer to the product using heat tape to secure the transfer to the glass.
- Place the glass into the mug press. Close and press for recommended time.
- When finished, while wearing heat gloves remove the glass from press and carefully remove the transfer paper from the glass. Discard the transfer paper.
 - **CAUTION:** Be very careful not to scratch or damage the frosted coating on the glass, as the coating is very fragile while the glass is still hot.
- Set glass aside to cool.
 - **IMPORTANT:** Do not submerge glass in water to help cool, as this may crack or break the glass.

Recommended Settings- Variable Temperature Mug Press	
Time	10-20 seconds
Idle Temperature	220°F
Press Temperature	350-360°F
Pressure	Light/Medium

General Sublimation Instructions - Variable Temperature Mug Press

- Preheat the press to 220° F idle temp., and 350-360° F press temperature. Set the time to 10-20 sec., set pressure to light/medium.
- Wipe down the glass with soft cloth misted with isopropyl alcohol.
- Print and apply transfer to the product using heat tape to secure the transfer to the glass.
- Place the glass into the mug press. Close and press for recommended time.
- When finished, while wearing heat gloves remove the glass from press and carefully remove the transfer paper from the glass. Discard the transfer paper.
 - **CAUTION:** Be very careful not to scratch or damage the frosted coating on the glass, as the coating is very fragile while the glass is still hot.
- Set glass aside to cool.

- o **IMPORTANT:** Do not submerge glass in water to help cool, as this may crack or break the glass.

Tips and Tricks

- For best image placement, utilize the product template found on the product page on JPPlus.com.
- When removing the glass from the mug press, be very careful not to scratch or damage the frosted coating on the glass, as the coating is very fragile while the glass is still hot.
- Do not submerge glass in water to help cool, as this may crack or break the glass.
- Do not overtighten the pressure on the mug press to prevent the glass from breaking during heating and handling.
- While still hot, the colors of the graphic may appear slightly different while the glass is still hot. Before inspecting the final color of the graphic on the glass, allow the glass to completely cool.

GENERAL CONVECTION OVEN PROCESS

Recommended Equipment & Accessories

- Sublimation Printer
- Convection Oven
- Heat Shrink Sleeves (WRAP175 or WRAP195 recommended) or Quick Release Wrap
- Heat Gun

Recommended Settings- Convection Oven	
Time	9-12 minutes
Temperature	380-400°F
Pressure	Light/Medium

General Sublimation Instructions - Convection Oven

- Preheat oven to 380-400°F while preparing the glass.
- Print and place the transfer face down on the glass. Secure transfer with heat tape.
- If using Shrink Sleeves, slide heat shrink sleeve over top of the transfer paper. Use the heat gun to shrink the sleeve onto the glass.
 - o For best results, shrink one end of the sleeve first to help secure the transfer position on the glass.
 - o If applicable, shrinking the opposite side from the transfer paper first gives best results.

- If using the Quick Release Wrap, wrap the product and close by clasping metal ends.
 - Be careful not to overtighten the glass if the Quick Release Wrap needs to be adjusted.
 - Once oven is preheated, place glass in oven. Close and heat for the recommended time.
 - When finished, while wearing heat gloves remove the glass from oven and carefully remove the Shrink Sleeve or Quick Release Wrap from the glass.
 - Remove the transfer paper from the glass. Discard the transfer paper.
 - **CAUTION:** Be very careful not to scratch or damage the frosted coating on the glass, as the coating is very fragile while the glass is still hot.
 - Set glass aside to cool.
 - **IMPORTANT:** Do not submerge glass in water to help cool, as this may crack or break the glass.
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Tips and Tricks

- For best image placement, utilize the product template found on the product page on JPPlus.com.
 - When removing the glass from the mug press, be very careful not to scratch or damage the frosted coating on the glass, as the coating is very fragile while the glass is still hot.
 - Do not submerge glass in water to help cool, as this may crack or break the glass.
 - Do not overtighten the pressure on the mug press to prevent the glass from breaking during heating and handling.
 - While still hot, the colors of the graphic may appear slightly different while the glass is still hot. Before inspecting the final color of the graphic on the glass, allow the glass to completely cool.
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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 jplusplus.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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For additional product support and troubleshooting, please contact Jplusplus Advanced Support Team:

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