

Shot Glass UltraWrap™ Instructions for Frosted Glass, Ceramic, & White Panel with Gold Rim Shot Glasses

Read instructions completely before you begin.

Supplies Needed

- Coated Shot Glass
- UltraWrap Shot Glass Wrap
- Heat Tape
- Heat Gloves or Oven Mitts
- Sublimation Transfer

Step 1: Adjust Oven Temp

Oven Temperature

& Dwell Time: For best results, pre-heat your oven. If the oven is cold, your results will vary.

400° F for 13-14 minutes

Pressure: **Firm**

***Note:** These instructions, including transfer times and temperatures, are based on the inks, paper, equipment and products we use. Other inks, papers, etc. may require adjustments in your time/temp settings.*

Step 2: Design Your Transfer

1. A template is available for both Adobe Photoshop and CorelDRAW. A basic knowledge of the software is necessary. In particular, with Photoshop, and understanding of the 'Layers' feature is helpful.
2. A good rule of thumb is to design your transfer so that it is larger than the item (approx .125" larger), or print using registration marks to line-up the image.
3. In Photoshop, paste your image between the 'Background' layer and the 'Template' layer.
4. Your image will look best if you bend it to follow the curve of the template. Rotate your canvas 90° and use the built in Photoshop filter 'Distort/Shear' to accomplish this:



Before



After

Step 3: Prepare Your Transfer

1. Trim your transfer as shown. Make sure that you trim all the way to the image edges if doing a full wrap. Fig. 1.



Fig. 1

2. Place the transfer around the shot glass. Line up the top and bottom to cover the entire shot glass. Fig. 2. Tape the lead edge of the transfer along the side of the shot glass, if the image is not a 360 degree full wrap around. (If you're printing a full wrap image, tape the lead edge in 2 places- over the top and bottom of the shot glass.)



Fig. 2

3. Wrap the transfer around the shot glass. Only tape the transfer together at both ends of the transfer paper to the shot glass when leaving a paper gap of 1/2" or more.

If you want to try a 360 degree continuous print, do not tape the tail edge of the transfer paper to the shot glass. This can cause a paper wrinkle to develop during transfer process. Make sure the transfer is aligned properly to the shot glass before you close the wrap together.

Fig. 3



Do NOT tape both ends of the transfer for 360 degree printing!

Step 4: Putting on the UltraWrap

1. Hold the shot glass in the center of the UltraWrap as shown in Fig. 4. Place the steel bar just about 1/4" away from the edge of the transfer paper. Bring the other end of the UltraWrap around the shot glass, making sure the tail end of the transfer paper is lining up correctly. Hook one end of the UltraWrap together, then hook the other. If the image is 360 degree around make sure the paper stays flat against the shot glass.

Make sure the transfer paper shows no wrinkles under the wrap.



Fig. 4

2. Close the lower hook first. See Fig. 5. For best results, when you close the rods there should not be any sign of transfer paper bulging or wrinkling.



Fig. 5

3. Close the top hook. Fig. 6. Place in oven for Shot glass and heat for appropriate time and temperature. Completed shot glass Fig 7.



Fig. 6

Notes:

Always cover the shot glass completely with transfer paper to avoid any out-gassing from staining the shot glass!

Multiple UltraWraps can be placed in the oven at the same time and temperature setting



Fig. 7

Step 5: Cure the Shot Glass

Ceramic Shot Glass: 400° for 13-14 minutes

1. Preheat oven to **400°**. For best results, place the shot glass in a pre-heated oven. If the oven is cold, your results will vary.
2. **Important:** Place the shot glass on a rack no closer than 3" away from the heating elements.
3. Bake for 14-15 minutes. **Note:** A convection oven heats more efficiently. For best results reduce time by approx 2 minutes.
4. **On Ceramic Shots Only:** Immediately remove from oven; take both the wrap *and* the transfer off the shot glass. **CAUTION:** Wraps and shot glasses are HOT. Use oven mitts or heat gloves!
5. Allow the shot glass to cool naturally. **DO NOT DIP THE SHOT GLASS INTO WATER!**

Frosted & White Panel with Gold Rim Shot Glass: 400° for 13-14 minutes

1. Preheat oven to **400°**. For best results, place the shot glass in a pre-heated oven. If the oven is cold, your results will vary.
2. **Important:** Place the shot glass on a rack no closer than 3" away from the heating elements.
3. Bake for 12-14 minutes. **Note:** A convection oven heats more efficiently. For best results reduce time by approx 2 minutes.
4. **On Glass Shots Only:** Immediately remove from oven and remove the wrap ***only*** (not transfer!) from the shot glass. **CAUTION:** Wraps and shot glasses are HOT. Use oven mitts or heat gloves!
5. Allow the shot glass to cool naturally. **DO NOT DIP THE SHOT GLASS INTO WATER!**
6. After the shot glass has cooled to room temperature, remove transfer.

IMPORTANT – While shot glasses are hot, the coating is susceptible to scratching. Handle with care until the product has fully cooled.

Transferring Tips & Troubleshooting

- Prints are too light – First, make sure your transfer is correct. Test a transfer on a piece of MultiCal™. If the transfer is correct and your prints are still too light, you may not be heating the shots long enough. Try increasing your time in 1/2-minute increments until you find the ideal time.
- **Customer Support**

For support on these or any of our products, please call our toll-free number for assistance: **877.795.1500**. You may also write to us at Support@LaserReproductions.com.