GM254 Fluted Bowl Tutorial

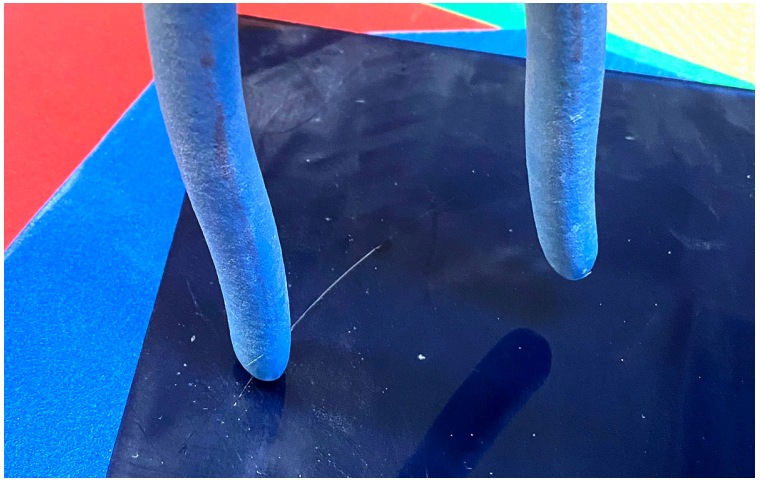
Creative Paradise Inc.

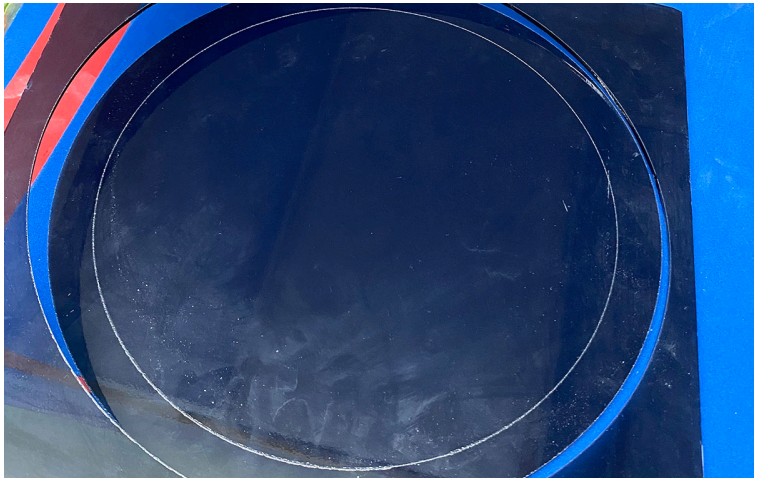
Materials

- GM254 Fluted Shelf Ring
- COE96 Teal Green Transparent Sheet Glass
- COE96 Steel Blue Transparent Sheet Glass
- COE96 Clear Sheet Glass
- Glass Cutting Tools
- Craft foam or soft surface
- Kiln Shelf Paper
- ZYP Glass Separator Spray

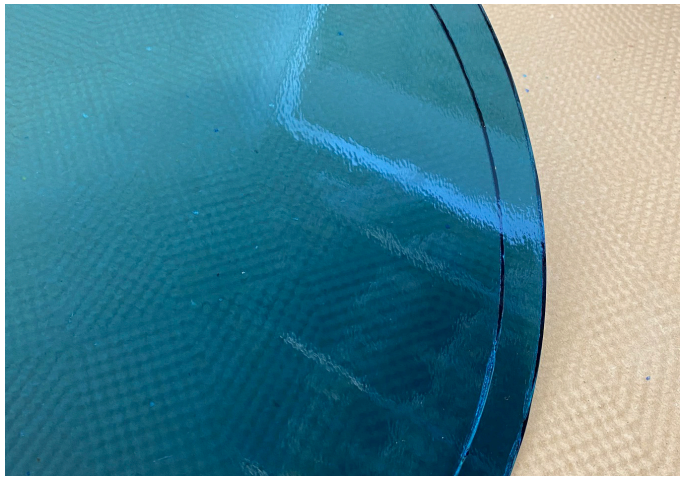
Cut a 11″ dia. circle of COE 96 Teal Green Transparent sheet glass. (For the smoothest circle, always run the score completely around the circle before breaking away any glass from outside of the circle).

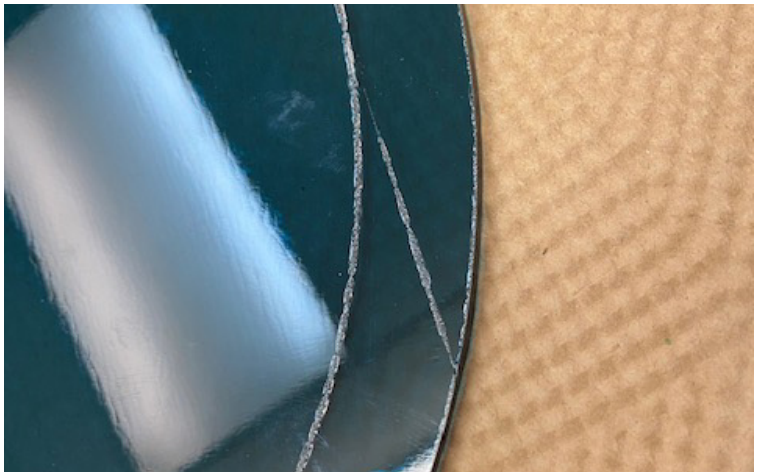
Cut a 11″ dia. circle of COE 96 Steel Blue Transparent sheet glass. Leave the circle cutter suction cup in the center of the 11″ scored circle and move the cutting head of the circle cutter in 1.25″ (to cut a 9.75″ circle from within the 11″ circle). Score the glass. Flip the glass with the score side down onto a flat surface covered in craft foam or other material with a bit of give to it. Use your thumbs or the soft end of a handle of a running plier or grozer to put pressure on the back side of the score of the 11″ circle. The score will begin to run. Continue around the back side of the score until the score has been run the entire way around the 11″ Steel Blue circle. Make two scores radiating out from the 11″ circle score on the scored side of the glass. Use a running plier onto the two radiant scores to break the 11″ circle free from the exterior glass.

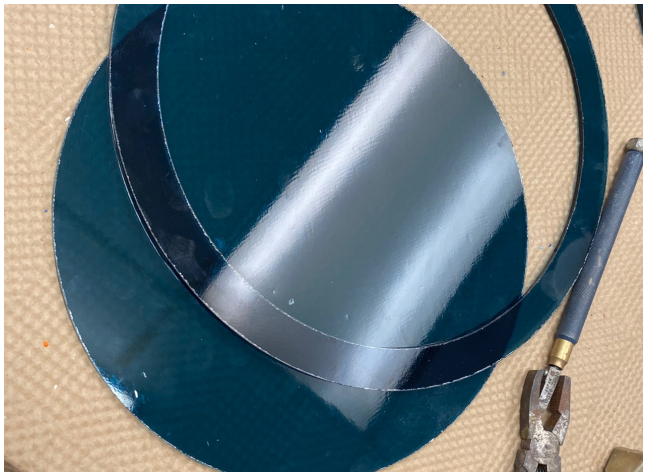




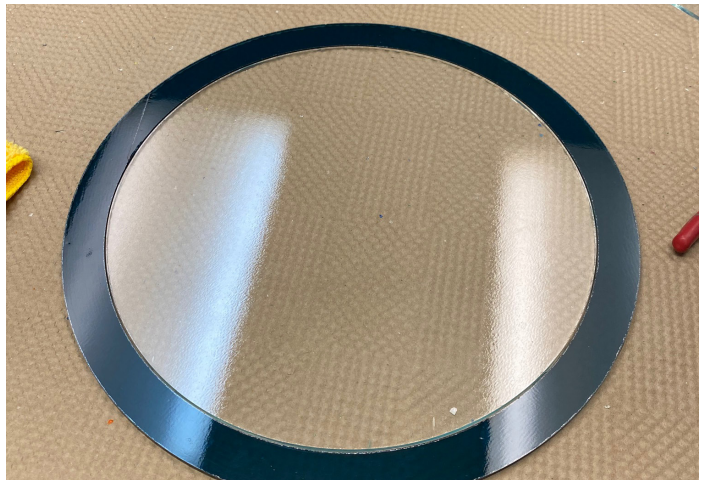
D&L ART-GLASS SUPPLY



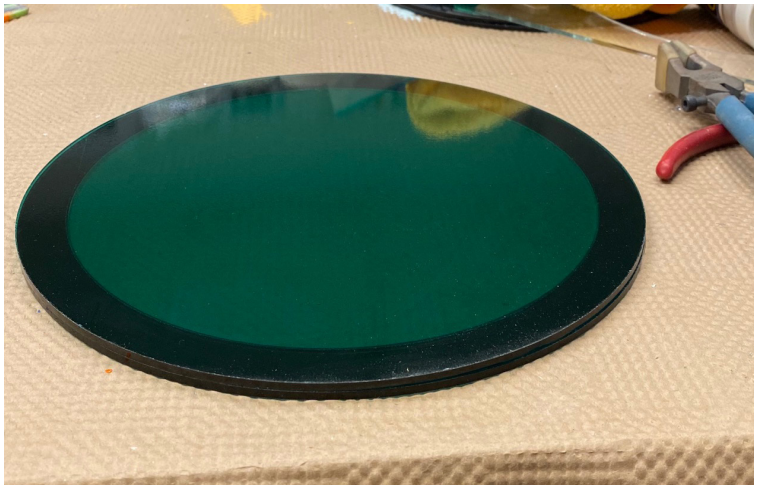


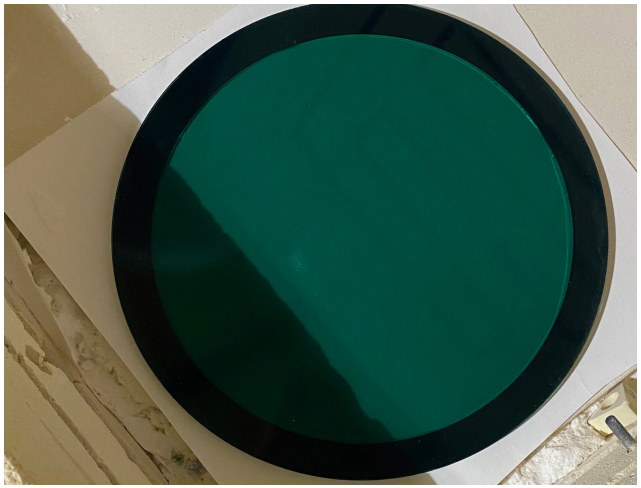


Flip the 11″ circle over so that the score of the 9.75″ circle is facing down on the craft foam or other material that has give to it. Repeat the process of applying pressure to the backside of the 9.75″ circle score to run the score all the way around the circle. Flip the glass back over and on the scored side of the 11″ circle of glass create one score at an angle from the score of the inner circle to the outside of the 11″ circle. Use a running plier to run the small score. Use your hands to gently loosen the outer ring from the 9.75″ circle.



Move the cutting head of the circle cutter in a tiny bit (1/64″) and cut a circle of COE 96 Standard Clear.





Clean all of the glass. Place the Clear circle inside the Steel Blue ring on a level kiln shelf lined with kiln shelf paper. Place the 11″ Teal Green transparent circle onto the base of Clear and Steel Blue. Fire the glass using the schedule below*:

Seg-ment	Rate	Temp	Hold
1	350	1150	60
2	50	1300	30
3	350	1465	10
4	9999	950	90

Creative Paradise Inc.

D&L ART-GLASS SUPPLY

Allow the glass to cool. Treat the GM254 mold with ZYP and place the mold onto a level kiln shelf with a piece of kiln shelf paper underneath the mold so that the kiln shelf under the center hole of the mold is covered with the kiln shelf paper (see image above). Center the glass on the mold and fire the glass using this schedule:*

Seg-ment	Rate	Temp	Hold
1	275	1250	45
2	150	1300	15
3	9999	950	90

- *Always make sure you know your kiln before using our suggested firing schedule. For example: if your kiln fires too hot you may need to take some heat off our suggested top temp. A great way to find out about your kilns temps is to do some test tiles.