

Frit-Cast Hibiscus

Image 1



Materials:

- [LF154 Hibiscus Flower](#)
- [GM04 Round Slump](#) (Optional)
- [GM195 Control Drop](#) (Optional)
- COE90 Frits (See Below)
- Suitable Glass Separator/ZYP
- Frit Placement Tools
- Stemming Supplies (See [Page 2](#))



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Image 2



COE90 Frits:

- | | |
|------------------|------------------|
| - Powder Frits: | - Fine Frits: |
| - Canary Yellow | - Canary Yellow |
| - Cranberry Pink | - Sunset Coral |
| - Medium Frit: | - Ruby Pink Tint |
| - Clear | - Fuchsia |
| | - Pink Opal |

Begin by treating the molds thoroughly with suitable separator. We recommend spray-on ZYP. **Always wear a mask when applying spray-on separator or using powder frits.**

Once the separator has dried, begin by placing Powder Canary Yellow in the flower center and around the edges of each petal (**Image 1**).

Image 3



Add Fine Canary Yellow on top of the Powder Canary Yellow (**Image 2**).

Add a light coat of Powder Cranberry Pink over the exposed areas of the petals (**Image 3**).

Place a stripe of Fine Sunset Coral around the edges of the petals just inside the Canary Yellow (**Image 4**).

Sprinkle a layer of Fine Ruby Pink Tint over the rest of the petals (**Image 5**). Add a ring of Fine Fuchsia around the flower's center (**Image 6, Page 2**).

Image 4



Back everything evenly with a layer of Fine Pink Opal (**Image 7, Page 2**). Then fill the remainder of the mold with Medium Clear (**Image 8, Page 2**). If using fill weights, this is about 350 grams total.

Place the filled mold on a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own preferred Full Fuse. Once the flower has fused and cooled, gently remove it from the mold and clean off any excess separator with water and a stiff-bristled (but not wire) brush (**Image 9, Page 2**).

Image 5



*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use. For tips on that, [please click here to see our Important Firing Notes!](#)

Table 1: Full Fuse*

Seg.	Rate	Temp (°F)	Hold
1	275	1215	30
2	50	1250	30
3	275	1465	10
4	9999	950	60

**If using COE96, adjust this to 950°F

Image 6



Image 7



Image 8



Image 9



Image 10



Making a Dish:

To shape your hibiscus into a dish such as the one in **Image 10**, treat a suitable slump mold (such as the [GM04](#) used here) with suitable separator and allow to dry. Center the flower with the textured side facing up on the mold then transfer to a level shelf in the kiln and fire using the suggested schedule in **Table 2** or your own preferred Slump.

Making a Flower:

To create a three-dimensional flower suitable for stemming like the one in **Image 11**, we recommend the [GMI95](#). Treat the mold with suitable separator and center the flower texture-side up on top of the mold on a level shelf in the kiln. Fire using the suggested schedule in **Table 3** below or your own favorite deeper Slump schedule.



Image 11

Stemming the Flower:

To stem the finished flower you can either drill a hole for the hardware using a 1/8"-1/4" Diamond Core Drill Bit or you can attach the hardware to the back of the flower with Two-Part Epoxy. For both methods, begin by cutting your desired stem length of 1/4" Copper Tubing and fitting a #6-#8 Plastic Wall Anchor into the cut end.

Drilling: If drilling, make sure to place the glass and drill bit in water as you drill. Insert a #6-#8 Screw through the hole in the flower and seat it into the Wall Anchor in the stem. You can also place a small Rubber Washer between the glass and screw head for added security. To cover the screw head, add a bit of Clear Glue on top of it and cover in frit.

Epoxy: Before applying the epoxy to the glass it's helpful to rough up the area for application with a Grinder or Diamond Pad. Apply the epoxy to the center of the back of the flower and affix the head of a #6-#8 Screw head into it. Allow the epoxy to dry fully before seating the Screw into the Wall Anchor.

For more information and step-by-step breakdowns of stemming methods, [click here for our Basic Stemming Guide](#).

Table 2: Slump (Dish)*

Seg.	Rate	Temp (°F)	Hold
1	275	1250	15
2	9999	900	60

Table 3: Deep Slump (GMI95)*

Seg.	Rate	Temp (°F)	Hold
1	275	1215	30
2	50	1280	20
3	9999	900	60

*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use. For tips on that, [please click here to see our Important Firing Notes!](#)

**If using COE96, adjust these temps to 950°F

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