

Fused Glass Serving Spoons

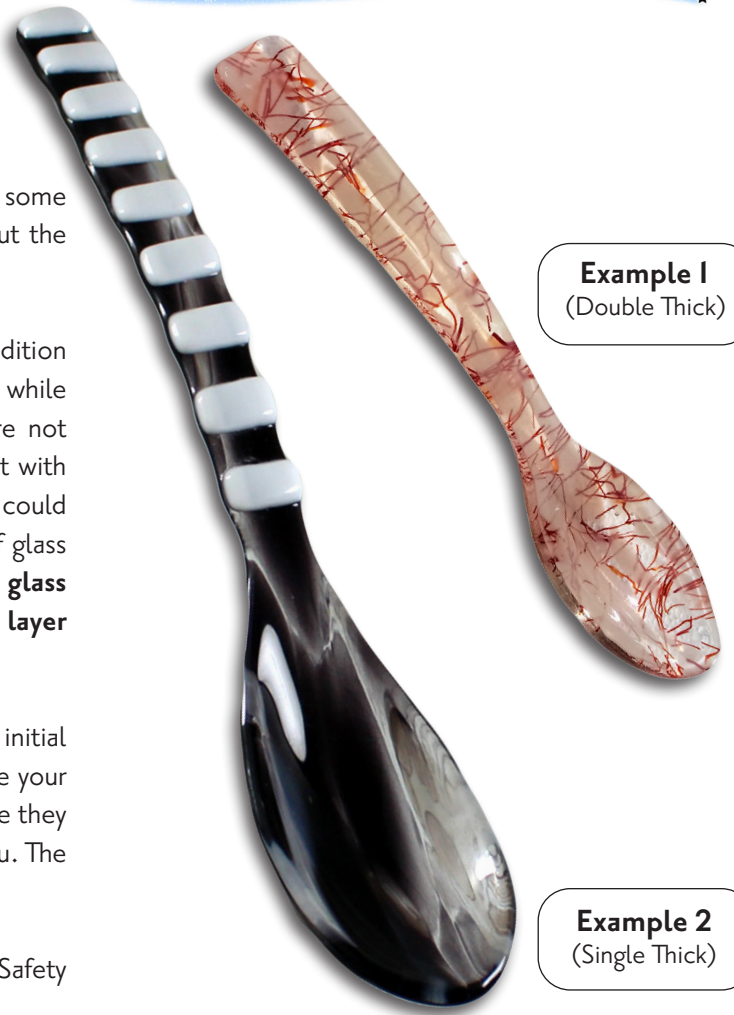
Fusible Glass and Food Safety:

Because spoons will typically come into contact with food of some kind, we feel it's wise to begin this tutorial by first talking about the relative food safety of most fusible glass.

Colored fusible glass gets its coloring primarily through the addition of specific chemical compounds. Some of these compounds, while safe to touch, fuse, and otherwise interact with externally, are not safe for consumption. Whenever a glass piece comes in contact with food, especially if that food is hot or liquid, those compounds could possibly leech out and into the food. This is why the majority of glass manufacturers generally recommend that you **cap any fused glass projects you intend to have come in contact with food with a layer of clear**, as clear glass does not contain these compounds.

Since the fusing process does alter the glass from the initial manufacturer's state, if you intend to sell or otherwise distribute your pieces it becomes your responsibility to determine how food safe they are. A local chemistry lab should be able to test your pieces for you. The primary compounds of concern are Lead and Cadmium.

For more information, we recommend looking at Bullseye's Food Safety Document, which [you can find on their website here](#).



Example 1
(Double Thick)

Example 2
(Single Thick)

- Materials:**
- [GMI88 Large Spoon Slump](#)
 - Fusible Compatible Sheet Glass
 - Suitable Glass Separator/ZYP
 - Glass Cutting Supplies
 - Kiln Shelf Paper

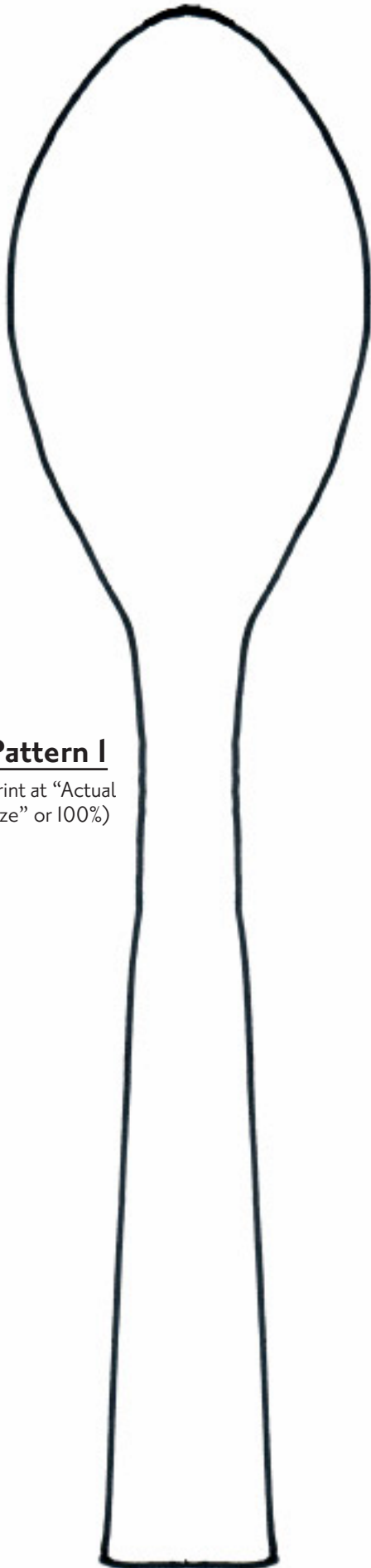
Prime the mold thoroughly with glass separator before beginning. We recommend spray-on ZYP. If using a spray-on separator, make sure to apply in a well-ventilated area while wearing a mask.

Double Thickness Spoons:

Uniformly thick spoons like **Examples 1 & 3** require two layers of fusible compatible glass. Begin by cutting out two copies of **Pattern 1 (Page 2)** from the compatible sheet glass(es) of your choice. Clean off any residual marks or oils, then stack them on top of one another on a suitably sized sheet of Kiln Shelf Paper on a level shelf in the kiln. Fire using the suggested schedule in **Table 1 on Page 2** or your own preferred Full Fuse.

After the glass cools, place it on the GMI88 Slump that has already been treated well with separator. The top edge of the glass should hang very slightly over the scoop portion of the mold by about 1/32". Align the glass with the center lines on the top and bottom of the mold to make sure it slumps evenly. Fire using the suggested schedule in **Table 2 on Page 2** or your own favorite Slumping schedule.





Pattern 1

(Print at "Actual Size" or 100%)



Example 4

Single Layer, Single Firing Spoons:

Thinner, more decorative spoons like **Examples 2 & 4** use only a single layer of fusible compatible glass with a few additional smaller pieces as decor. Cut out a single copy of **Pattern 1** from the compatible sheet glass of your choice. Then add small bits of other compatible glass to the handle portion. If necessary, these small pieces can be secured with a small dot of Clear Elmer's Glue.

Place the unfused glass carefully onto the treated GMI88 on a level shelf in the kiln, aligning it in the same way as in the **Double Thickness Spoon** instructions on **Page 1**. Fire using the suggested schedule in **Table 3** below, adjusted as needed for your kiln.

Table 1: Full Fuse*

Seg.	Rate	Temp (°F)	Hold
1	275	1215	30
2	50	1250	20
3	275	1465	05
4	9999	950**	60

Table 2: Slump*

Seg.	Rate	Temp (°F)	Hold
1	275	1215	30
2	50	1250	20
3	9999	950**	60

Table 3: One-and-Done*

Seg.	Rate	Temp (°F)	Hold
1	275	1215	45
2	50	1250	15
3	350	1435	05
4	9999	950**	60

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

**If using COE90, adjust these temperatures to 900°F

Featured Mold:



GMI88 Large Spoon Slump
10.25" L x 3" W x 1.5" T

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For more information, tutorials, and molds, visit our website: www.creativeparadiseglass.com