



Creative Paradise Inc.



Make your own stringer heart paperweights

Make two beautiful bright heart shaped paperweights using the large hearts casting mould.

The following instructions enable you to make two heart paperweights using the Large Hearts Casting Mould (CPLF197).

You will need to following to create this project:

- Creative Paradise, Inc. mould CPLF197
- ZYP
- COE96 Clear Frit in medium (F3)
- Fibre paper
- Various stringers



Ensure your mould is well primed before use

By using a primer this will prevent the glass sticking to the mould and potentially damaging the mould and the glass, make sure you use a small brush for detailed areas and dry thoroughly.

Creative Paradise highly recommend using ZYP a Boron Nitride spray due to the high temperatures required, this easy to apply spray can fire up to 982°C. Several light coats with a short waiting period of around 15 minutes between coats is preferable to one heavy coat. Shake the can well before use and hold the can upright while using to assure proper distribution of product. You will need to apply one light coat each time you fire.

The process



1 Start with clear frit

Add a bit of medium grain Clear frit in the base of the wide hearts cavity.

2 Add some stringers and more clear frit

Break up Cherry Red Trans, Black Opal and White Opal stringers and lay them in a random pattern over the frit. Cover the stringers with another layer of Clear medium frit.

3 Finish the first heart

Break more Cherry Red, Black and White stringers and place the pieces in a random pattern over the Clear frit in the mould. Continue layering the stringers and Clear frit until you have filled the cavity with a last layer of Clear frit. The images shown above here were done in the wide heart. Fill weight: 135 grams for the wide heart. You can do the same technique in the slim heart see below for colours.

4 Repeat for the second heart

Slim Heart: Cherry Red trans, Orange trans, Marigold Opal stringers were used in the slim heart. Fill weight: 130 grams for the slim heart. Fire the mould to a full fuse. A suggested schedule can be found in table overleaf.

Large heart mould firing schedule - full fuse

Segment	Rate Celsius/hr	Temp	Hold time (hr:min)
1.	166°C/hr	to 621°C	0:45
2.	27°C/hr	to 721°C	0:20
3.	194°C/hr	to 796°C**	0:10
4.	AFAP* OR 9999°C/hr	to 510°C	1:30

*AFAP = as fast as possible, some controllers will not allow a rate of 9999°C /hr

** Will vary depending on desired result and kiln

Note:

This data is a guide only, firing programs may need to be adjusted according to size and thickness of glass and the kiln's performance. Ensure that data is entered into the controller accurately, otherwise glass may not fuse correctly or paint will not fire onto the glass as desired. Creative Glass Guild sells all glass, tools and materials on the basis that customers have the knowledge and ability to use them safely and in accordance with all relevant regulations and legislation.



Reverse side of the hearts.

