

FUSING AND HOT GLASS

Kilns And Supplies You Will Need

Glass fusing continues to be the **hottest** interest for stained glass enthusiasts. From creating unique jewelry, to slumping bowls or vases, fusing is a fun and exciting aspect to glass working.

This section has kilns by Evenheat, Fireworks beadmaking equipment, Reusche and Fusemaster glass paints and brushes, COE 90 Tested Compatible glass, CBS Dichroic glass, System 96 materials, slumping and draping molds by Creative Paradise and Colour De Verre and MORE! Check throughout the catalog for related supplies such as jewelry findings, band saws and ring saws, and other items that make hot glass easier and more exciting.

EVENHEAT KILNS

Evenheat Kilns have a worldwide reputation for solid construction, reliability and long life. All are made in the USA, and come with instructions and service manuals. Kiln shelves are NOT included.

The line runs from their Rapid Fire table top kiln for small projects to their top loaders and the heavy duty digitally controlled front loading kilns.



Table Top Kilns

Evenheat has produced four compact, easy to use kilns. All operate on standard 120 volt circuits, so no special wiring is required.

STUDIO 8 KILN — Like its tough little brother the Hot Box, the Studio 8 is quite capable of all glass related firings up to 1800°F. It also has the speed and power you've come to know and love. Unlike its little brother, however, the Studio 8's larger size (firing chamber 8" x 8" x 4.5" deep) allows for bigger pieces including many larger forms and molds. Larger size, easy operation, capable and powerful, along with standard 120V outlet operation make the Studio 8 a welcome addition to any glass studio. Uses 7/4" Kiln Shelf #7688.

Chamber Size:

8" W x 8" L x 4.5" D - .17 cubic feet

North American Electrical Specifications:

120V; 12A; 1440W; NEMA 5-15P (Standard Household Plug)

Maximum Usable Temperature: 1800°F (982°C)

Ship Weight: 30lb (13.6kg)



STUDIO PRO KILN — has the same size and heating features as the Studio 8 above but with an easier Dual Access Design. The Dual Access Design combines traditional front and top loading features into one, truly revolutionary kiln.

Front access is perfect for placing molds or glass projects. Simply build on your shelf and close the chamber. Wide open access allows for the use of many manipulation tools such as raking. Top access is excellent for venting. Top access also works very well when loading tall pieces such as forms and comes in very handy when using manipulation tools that require a vertical approach such as glass embossing. The design includes a fiber lid that, unlike a brick lid, does not continue to "throw off" heat when opened. Uses 7/4" Kiln Shelf #7688.



Chamber Size:

8" W x 8" L x 4.5" D - .17 cubic feet

North American Electrical Specifications:

120V; 12A; 1440W; NEMA 5-15P (Standard Household Plug)

Maximum Usable Temperature: 1800°F (982°C)

Ship Weight: 30lb (13.6kg)

Choose from:

- **STUDIO 8 WITH VIEWING WINDOW (#7653W)** Keep an eye on your glass firing without lifting a finger (or lid!!). The 2x4" built-in viewing window in the lid allows you to watch the magic while eliminating the guessing, peeking & prying. Includes an infinite switch and analog pyrometer.



- **STUDIO 8 KILN (#7653)** - Includes an infinite switch and analog pyrometer.



Choose from:

- **STUDIO PRO WITH VIEWING WINDOW (#7654W)** Keep an eye on your glass firing without lifting a finger (or lid!!). The 2x4" built-in viewing window in the lid allows you to watch the magic while eliminating the guessing, peeking & prying. Includes an infinite switch and analog pyrometer.



STUDIO 8 REPLACEMENT LIDS:

- **TOP LID WITH WINDOW (#76539)** Includes 2x4" viewing window.
- **TOP LID OR BOTTOM (#76536)** No window.

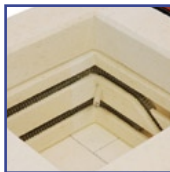
- **STUDIO PRO KILN WITH SET-PRO & WINDOW (#7654-WSTP)** - the Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details and save up to 4 programs, each with up to 8 segments, in the Custom Mode.



V8 KILN — multi-purpose kiln is sized perfectly for home studios, teachers, instructors and test kiln use. It's capable of all firing types and techniques including glass, vitrigrph, ceramic, metal clays and more. Its stackable design makes placement easy especially with vitrigrph work. The V8 easily transforms into the ultimate Vitrigrph kiln with the optional Vitrigrph base accessory. V8 kiln highlights include a corner mounted thermocouple which offers more usable floor space and allows for larger pots up to 7.25" (competitor models have less usable floor space and are limited in pot size to about no larger than 5.5"). Designed with convenient use in mind the V8 operates from a standard household plug. Uses 7¼" Kiln Shelf #7688.

Features:

- Maximum temperature of 1200°F
- Access Port (Pat. Pend.)
- Multi-Purpose Design
- Vitrigrph Capable Design
- More Usable Floor Space
- Multiple Control Options
- Stackable Design
- Power Cable Exits at Rear
- Standard Household Plug

**Chamber Size:**

8" H x 8" W x 6½" D - .24 cubic feet



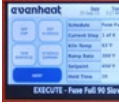
North American Electrical Specifications:

120V; 14A; 1680W; NEMA 5-15P (Standard Household Plug)

Maximum Usable Temperature: 2350°F (1260°C)

Ship Weight: 48lb (22kg)

Choose from:

- **V8 WITH SET-PRO CONTROLLER (#7644-SP)** - The Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details using the Custom Mode. Save up to 4 programs with up to 8 segments in each program. 
- **V8 WITH RAMPMASTER 3 CONTROLLER (#7644-RM)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program. 
- **V8 WITH TAP CONTROLLER (#7644-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs. 

VITRIGRAPH BASE ACCESSORY (#76449) - Converting your V8 to vitrigrph use is possible using our Vitrigrph Base Accessory. The Vitrigrph Base Accessory is a standard V8 base that has an additional 2¼" hole machined through the brick and metal stand. This large hole allows for unimpeded glass flow.



KING PIN KILN — combines classic style with Evenheat design and performance. This kiln seems to do it all. And it does! Available with a Window Door (as pictured) or with a Bead Door or with a Window Bead Door. Use it to fire glass, anneal beads or fire Art Clay or PMC. The SetPro controller is pre-programmed with five Art Clay and five PMC metal clay programs and you can enter up to four more programs for firing glass. Features:

- Maximum temperature of 1200°F
- Made specifically for firing glass (fusing, slumping, painting, casting) annealing beads or firing Art Clay or PMC metal clays
- Maximum temperature of 2000°F
- Chamber is 8" wide x 8" deep x 6" tall - very roomy for a table top kiln
- Runs on 120 Volts, 12 amps—standard 3 prong outlet = 240 volt versions are also available - please inquire for details
- SetPro Digital Controller comes with five Art Clay and five PMC firing programs
- Plus you can store four additional programs with up to eight segments and hold times of up to 100 hours - perfect for glass firing or bead annealing
- Durable silver powder coat finish
- Designed for table top operation with ventilated metal casing
- Two Year Factory Warranty
- Fiber insulation holds the heat in for economical operation. Elements are embedded into the insulation for safety.
- Door swings wide open for easy loading or for manipulation during firing

**Chamber Size:**

6" H x 8" W x 8" D - .22 cubic feet

North American Electrical Specifications:

120V; 12A; 1440W; NEMA 5-15P (Standard Household Plug)

Maximum Usable Temperature: 2000°F (1093°C)

Ship Weight: 40lb (18kg)

Choose from:

- **KING PIN WITH STANDARD DOOR (#7659)**
- **KING PIN WITH WINDOW (#7659-W)** with 2X4" viewing window (shown above).
- **KING PIN WITH BEAD DOOR (#7659-B)** with flexible fiber bead door.
- **KING PIN WITH BEAD DOOR & WINDOW (#7659-BW)** includes 2X4" viewing window & flexible fiber bead door.



Flexible fiber bead door holds mandrels in place while keeping the heat inside the annealer

COPPER KILN is a great 120V annealer for beginners and small studios. With user friendly features like 120V operation and multiple control choices the Copper excels at ease of use. The Copper doesn't stop at annealing. It's quite capable of all glass techniques up to 2200°F. The Copper sits comfortably on table tops and includes a stand.



Features:

- Durable stainless steel and firebrick construction
- Designed for table top operation, stand included
- Peep hole in door to watch the progress of your firing
- Stay cool handle and latch
- Two Year Factory Warranty

Chamber Size:

10" W x 6.5" H x 9" D - .34 cubic feet

North American Electrical Specifications:

120V; 12A; 1440W; NEMA 5-15P (Standard Household Plug)

Maximum Usable Temperature: 2200°F (1204°C)

Ship Weight: 54lb (25kg)

Choose from:

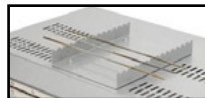
- **COPPER KILN (#7668)** - Includes an infinite switch and analog pyrometer.
- **COPPER KILN WITH SET-PRO (#7668-SP)** - the Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details and save up to 4 programs, each with up to 8 segments, in the Custom Mode.



FISHBONE BEAD ANNEALER KILN (#7669) – Trust your beads and sculpted glass to the design, quality and performance of Evenheat's Fishbone Glass Annealer. Designed with useful features like a 25 tooth mandrel rest, 7-1/2" deep chamber, cool-touch handle and a very unique and useful Mandrel Crown™. The Fishbone represents the ultimate in annealer design. Fiber insulation holds the heat in for economical operation. Elements are embedded into the insulation for safety. Well thought out mandrel rest allows you to keep the bead off the kiln floor. Rack up to 25 mandrels at a time! Plenty of room for annealing other flame worked objects, kiln castings, etc. Mandrel Crown gives you a place to hold and dry up to 15 mandrels. Flexible fiber door holds mandrels in place while keeping the heat inside the annealer.



- Features:**
- Maximum temperature of 1200°F
 - Chamber is 14½ wide x 7½ deep x 3½" tall which allows you to anneal beads and other sculptural works
 - Mandrel Crown on top of unit is handy for drying mandrels
 - Runs on 120 Volts, 12 amps –standard 3 prong outlet
 - SetPro Digital Controller makes setting your annealing program easy. You can store four programs with up to eight segments and hold times of up to 100 hours
 - Durable silver powder coat finish
 - Designed for table top operation
 - Heating elements are embedded into the fiber insulation for added safety
 - Two Year Factory Warranty



Chamber Size:

14.25" W x 3.5" H x 7.5" D - .22 cubic feet

North American Electrical Specifications:

120V; 12A; 1440W; NEMA 5-15P (Standard Household Plug)

Maximum Usable Temperature: 1200°F (650°C)

Ship Weight: 45lb (20kg)

Top Loading Kilns

Several sizes of Top Loading kilns are available. Choose from the GT 14-6 or the Studio Pro 14 which run on 120 volts, or the larger 240 volt GT4050, GTS-18 or GTS-23.

GT 14-6 KILN combines the space and performance of a large kiln with the convenience of 120V operation. Slump it, paint it, fuse it, anneal it. An outstanding entry level kiln for the serious beginner. Interior dimensions of the seven sided firing chamber measure 14½" across by 6" deep. Elements are located on the kiln top.

Operates at 120 volts, 12 amps and 1440 watts, so no special wiring is required.

Choose from 3 controllers: [1] the easy to use Set-Pro controller, [2] the Rampmaster III controller or [3] the TAP controller. Use 13" Kiln Shelf #7681.



Chamber Size:

14.5" Diameter. x 6.5" Deep - .61 cubic feet

North American Electrical Specifications:

120V; 12A; 1440W; NEMA 5-15P

Maximum Usable Temperature: 1650°F (900°C)

Ship Weight: 70lb (32kg)

Choose from:

- **HOT SHOT KILN (#7660-SP)** GT 14-6 Kiln with Set-Pro Controller which allows you to control the rate of temperature change, final temperature and any desired temperature hold time up to 8 times per use or firing. The Set-Pro, with it's three buttons, is uncomplicated and easy. Save up to 4 programs.
- **HOT SHOT WITH VIEWING WINDOW (#7660-SPW)** GT 14-6 Kiln with Set-Pro Controller and viewing window to keep an eye on your glass firing without lifting a finger (or lid!!). The 2x4" built-in viewing window in the lid allows you to watch the magic while eliminating the guessing, peeking & prying.
- **GT 14-6 KILN WITH RAMPMASTER (#7660-RM)** includes the RampMaster III controller
- **GT 14-6 WITH RAMPMASTER AND VIEWING WINDOW (#7660-RMW)** includes the RampMaster III controller and a 2x4" built-in viewing window
- **GT 14-6 KILN WITH TAP CONTROLLER (#7660-TAP)** includes the TAP controller
- **GT 14-6 WITH TAP CONTROLLER AND VIEWING WINDOW (#7660-TAPW)** includes the TAP controller and a 2x4" built-in viewing window



STUDIO PRO 14 KILN provides a Dual Access Design combining traditional front and top loading features into one, truly revolutionary kiln. The Studio Pro 14 operates on 120V and offers the artist plenty of room with its 14.5" x 14.5" x 6.5" chamber size. Capable of all glass firing techniques up to 1650°F including fusing, slumping, painting and casting and offers more in performance, design and flexibility than any other kiln in its class. Use 13½ x 13½" Kiln Shelf #7690.

Features:

- Top elements evenly spaced for even heat distribution
- Large 14½ x 14½ x 6½ firing chamber
- Maximum working temperature: 1650°F (900°C)
- Includes 16" tall stand to raise unit to a comfortable working height
- 120 volts, 15 amps, 1800 Watts, Requires 20 amp breaker and 12 gauge wiring.

Chamber Size:

14.5" W x 14.5" L x 6.5" D - .80 cubic feet

North American Electrical Specifications:

120V; 15A; 1800W; NEMA 5-15P w/ 12AWG Wire & 20A Breaker

Maximum Usable Temperature: 1650°F (900°C)

Ship Weight: 120lb (55kg)



STUDIO PRO 15 KILN design, like the original Studio Pro 14, was driven by the demands of glass work. Glass work is a fairly active process relying heavily on visual cues, opening and closing while firing, fast action and all sorts of movement. The Studio Pro 15 is designed with those processes in mind. It doesn't hinder, compromise or get in the way. It just works well.

The fiber lid construction offers a faster heat-up than traditional 120V firebrick designs, about 50% faster. This faster firing potential can reduce or completely eliminate devitrification. The fiber lid is constructed of a special material that provides excellent thermal properties along with light weight. This design allows the heating elements to be positioned on the surface for maximum heat transfer and firing efficiency. The lid elements are positioned left to right to prevent them from sagging or bunching-up with repeated opening and closing. Lid strength is provided by center lid trusses and the shrewd use of metal bends and the fiber material is supported by a matrix of refractory rods and buttons.

The Dual Access Design combines the traditional front and top loading features into one, truly revolutionary kiln. The Studio Pro 15 operates on 120V and offers the artist plenty of room with its 14.5" x 14.5" x 6.5" chamber size. Capable of all glass firing techniques up to 1650°F including fusing, slumping, painting and casting and offers more in performance, design and flexibility than any other kiln in its class. Use 13½ x 13½" Kiln Shelf #7690.

Features:

- Top elements surface mounted for maximum heat transfer
- Large 14½ x 14½ x 6½ firing chamber
- Maximum working temperature: 1650°F (900°C)
- Includes 16" tall stand to raise unit to a comfortable working height
- 120 volts, 15 amps, 1800 Watts, Requires 20 amp breaker and 12 gauge wiring.

Chamber Size:

14.5" W x 14.5" L x 6.5" D - .80 cubic feet

North American Electrical Specifications:

120V; 15A; 1800W; NEMA 5-15P w/ 12AWG Wire & 20A Breaker

Maximum Usable Temperature: 1650°F (900°C)

Ship Weight: 120lb (55kg)

Choose from:

- **STUDIO PRO 15 KILN WITH SET-PRO (#7645)** - The Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details using the Custom Mode. Save up to 4 programs with up to 8 segments in each program.

- **STUDIO PRO 15 KILN WITH RAMPMASTER (#7645-RM)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program.

- **STUDIO PRO 15 KILN WITH TAP CONTROLLER (#7645-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs.



Choose from:

- **STUDIO PRO 14 KILN WITH SET-PRO (#7666)** - The Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details using the Custom Mode. Save up to 4 programs with up to 8 segments in each program.



- **STUDIO PRO 14 KILN WITH RAMPMASTER (#7666-RM)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program.



- **STUDIO PRO 14 KILN WITH TAP CONTROLLER (#7666-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs.



STUDIO PRO 17 KILN measuring in at 17" x 17" x 6.5" makes this kiln the largest 120V glass firing kiln in the industry. Featuring surface mounted heating elements for maximum heat transfer, Superwool fiber lid for efficiency and increased firing speed potential, Dual Access Design for precision glass placement and a choice of kiln controllers.

The fiber lid construction offers a faster heat-up than traditional 120V firebrick designs, about 50% faster. This faster firing potential can reduce or completely eliminate devitrification. The fiber lid is constructed of a special material that provides excellent thermal properties along with light weight. This design allows the heating elements to be positioned on the surface for maximum heat transfer and firing efficiency. The lid elements are positioned left to right to prevent them from sagging or bunching-up with repeated opening and closing. Lid strength is provided by center lid trusses and the shrewd use of metal bends and the fiber material is supported by a matrix of refractory rods and buttons. The Dual Access Design combines the traditional front and top loading features into one, truly revolutionary kiln. The Studio Pro 17 operates on 120V and offers the artist plenty on room with its 17" x 17" x 6.5" chamber size. Capable of all glass firing techniques up to 1650°F including fusing, slumping, painting and casting and offers more in performance, design and flexibility than any other kiln in its class. Use 16 x 16" Kiln Shelf #7691.

Features:

- Top elements surface mounted for maximum heat transfer
- Large 17 x 17 x 6½ firing chamber
- Maximum working temperature: 1650°F (900°C)
- Includes 16" tall stand to raise unit to a comfortable working height
- 120 volts, 18 amps, 2160 Watts, Requires 20 amp breaker and 12 gauge wiring.

Chamber Size:

17" W x 17" L x 6.5" D - 1.10 cubic feet




North American Electrical Specifications:

120V; 18A; 2160W; NEMA 5-20P w/ 12AWG Wire & 20A Breaker

Maximum Usable Temperature: 1650°F (900°C)

Ship Weight: 130lb (59kg)

Choose from:

- **STUDIO PRO 17 KILN WITH SET-PRO (#7647)** - The Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details using the Custom Mode. Save up to 4 programs with up to 8 segments in each program. 
- **STUDIO PRO 17 KILN WITH RAMPMASTER (#7647-RM)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program. 
- **STUDIO PRO 17 KILN WITH TAP CONTROLLER (#7647-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs. 



STUDIO PRO 24 KILN builds on Evenheat's Dual Access Design and offers the glass artist a large studio kiln uniquely designed for full, unrestricted access. Features include front and top access, wonderfully large handles and lift assist all wrapped up in a well engineered and tested design. Use 20 x 20" Kiln Shelf #7686.

Features:

- Front access & top access
- Corner mounted handles
- Lightweight fiber lid construction
- Easy to view and use adjustable swing view controller
- Integral stand gives stability
- Spring loaded lift assistance makes opening the kiln safe and easy
- Lid safety switch cuts power to elements when kiln is opened - doesn't interrupt your firing program

Chamber Size:

24" W x 24" L x 13.5" D - 4.20 cubic feet



North American Electrical Specifications:

240V; 32A; 7680W; NEMA 6-50P

Maximum Usable Temperature: 1800°F (982°C)

Ship Weight: 280lb (127kg)

Choose from:

- **STUDIO PRO 24 KILN WITH SET-PRO (#7655-SP)** - The Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details using the Custom Mode. Save up to 4 programs with up to 8 segments in each program. 
- **STUDIO PRO 24 KILN WITH RAMPMASTER (#7655-RM)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program. 
- **STUDIO PRO 24 KILN WITH TAP CONTROLLER (#7655-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs. 



GT 4050 KILN (#7661) is Evenheat's best selling kiln in Europe and it's now available here. Favored for its large rectangular shape and ability to reach temperature easily, the GT 4050 performs well in any glass situation. Capable of all glass firing techniques up to 1650°F, including fusing, slumping, painting and casting. Includes a factory installed 3 button, Set-Pro digital kiln controller. The controller is easy to program, easy to use and easy to view with the included Adjustable Swing View. Use 13¼ x 17¼" Kiln Shelf #7689.

Chamber Size:

19.75" W x 15.75" L x 6.5" D - 1.17 cubic feet

North American Electrical Specifications:

240V (208V not available); 15A; 3,600W; NEMA 6-20P

Maximum Usable Temperature: 1650°F (900°C)**Ship Weight:** 135lb (61kg)

GT4050 KILN ACCESSORIES KIT (#76619) This kit includes just about everything you will need to get started with your **GT4050** Kiln (shown at left). We package up:

- Kiln Shelf, 13¼ x 17¼" Rectangle
- Half pound of Shelf Primer
- 2-3/4" Haik brush for applying Shelf Primer
- Four 1" kiln stilts
- Assorted Stringers and Noodles by System 96
- Assorted Powders and Frits by System 96
- Two 1 lb packs of System 96 Scrap Glass
- 6x6" sheets of System 96 Clear, Black and White
- 3 oz pack of assorted System 96 Dichroic by CBS
- Papyrus™ Kiln Paper sampler, one sheet 20½ x 20½"



GTS 18-9 KILN is an eight sided kiln with elements in the top and on the sides. The interior is 17½" across by 9" deep making it a very versatile kiln for fusing and slumping. Operates at 240 volts, 27 amps and 6420 watts. Includes the choice of 3 kiln controllers which make it quick and easy to program your kiln and get firing! Use 15½" Kiln Shelf #7682.

Chamber Size:

17.5" Diameter. x 9" Deep - 1.32 cubic feet

North American Electrical Specifications:

240V (208V and 3 phase available); 27A;

6,460W; NEMA 6-30P

Maximum Usable Temperature: 1800°F (982°C)**Ship Weight:** 100lb (45.5kg)

GTS 23-9 KILN is a ten sided kiln with a generous 23½" diameter and 9" depth. Ideal for just about any fused or slumped project. Large enough for slumping multiple projects. Operates at 240 volts, 30 amps, 7200 watts. Includes the choice of 3 kiln controllers which make it quick and easy to program your kiln and get firing! With top and side elements. Use 21" Kiln Shelf #7683.

Chamber Size:

23.5" Diameter. x 9" Deep - 2.34 cubic feet

North American Electrical Specifications:

240V (208V and 3 phase available); 30A; 7,200W;

NEMA 6-50P

Maximum Usable Temperature: 1800°F (982°C)**Ship Weight:** 140lb (64kg)

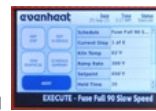
Choose from:

- **GTS 18-9 KILN WITH SET-PRO (#7662-SP)** - The Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details using the Custom Mode. Save up to 4 programs with up to 8 segments in each program.
- **GTS 18-13 KILN WITH SET-PRO (#76623-SP)** - Same kiln and controller as above but with a depth of 13"
- **GTS 18-9 KILN WITH RAMPMASTER (#7662)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program.
- **GTS 18-13 KILN WITH RAMPMASTER (#76623)** - Same kiln and controller as above but with a depth of 13"
- **GTS 18-9 KILN WITH TAP CONTROLLER (#7662-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs.
- **GTS 18-13 KILN WITH TAP CONTROLLER (#76623-TAP)** - Same kiln and controller as above but with a depth of 13"



Choose from:

- **GTS 23-9 KILN WITH SET-PRO (#7663-SP)** - The Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details using the Custom Mode. Save up to 4 programs with up to 8 segments in each program.
- **GTS 23-13 KILN WITH SET-PRO (#7663-13-SP)** - Same kiln and controller as above but with a depth of 13"
- **GTS 23-9 KILN WITH RAMPMASTER (#7663)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program.
- **GTS 23-13 KILN WITH RAMPMASTER (#7663-13)** - Same kiln and controller as above but with a depth of 13"
- **GTS 23-9 KILN WITH TAP CONTROLLER (#7663-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs.
- **GTS 23-13 KILN WITH TAP CONTROLLER (#7663-13-TAP)** - Same kiln and controller as above but with a depth of 13"



For larger projects, for painting or for multiple small projects, this Oval Kiln offers the capacity needed to realize savings for production work.

GTS-2541 with a huge (25½ x 41 x 9" deep) firing chamber gives you the capacity you need coupled with the choice of 3 kiln controllers which make it quick and easy to program your kiln and get firing!
Elements in top and sides. 240 volts, 40 amps, 9600 watts. Use two 21" half round kiln shelves #7684 and one 15x21" kiln shelf #7685.

Chamber Size:
41" W x 25.25" L x 9" D - 4.8 cubic feet
North American Electrical Specifications:
240V (208V and 3 phase available); 40A; 9,600W; NEMA 6-50P
Maximum Usable Temperature:
1800°F (982°C)
Ship Weight: 280lb (127kg)



Choose from:

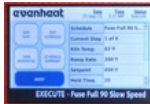
- **GTS 2541-9 KILN WITH SET-PRO (#7665-SP)** - The Set-Pro Controller with Express Mode allows you to program your glass firings using your glass COE, firing style and firing speed. For more advanced firing, the Set-Pro also allows you to define all the firing details using the Custom Mode. Save up to 4 programs with up to 8 segments in each program.
- **GTS 2541-13 KILN WITH SET-PRO (#7665-13-SP)** - Same kiln and controller as above but with a depth of 13"



- **GTS 2541-9 KILN WITH RAMPMASTER (#7665)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program.
- **GTS 2541-13 KILN WITH RAMPMASTER (#7665-13)** - Same kiln and controller as above but with a depth of 13"



- **GTS 2541-9 KILN WITH TAP CONTROLLER (#7665-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs.
- **GTS 2541-13 KILN WITH TAP CONTROLLER (#7665-13-TAP)** - Same kiln and controller as above but with a depth of 13"



STUDIO PRO 41 (#7656) with a huge (25½ x 41 x 13" deep) firing chamber offers artists, studios and production operations true, large scale firing potential. Designed specifically for easy access and glass placement the Studio Pro 41 allows the artist the opportunity to create full works without compromise. **Features include front and top access**, Swing View pivoting control, thoughtful handles and a lift assisted opening. Use one 22x39" oval CoreLite kiln shelf #7698.

Chamber Size:
41" W x 25.25" L x 13.5" D - 7.5 cubic feet
North American Electrical Specifications:
240V (208V and 3 phase available); 45A; 10,800W; NEMA 6-50P
Maximum Usable Temperature: 1800°F (982°C)
Ship Weight: 365lb (166kg)



Choose from:

- **STUDIO PRO 41 KILN WITH RAMPMASTER (#7656)** - The Rampmaster w/ Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode. Save up to 12 programs with up to 32 segments in each program.
- **STUDIO PRO 41 KILN WITH TAP CONTROLLER (#7656-TAP)** - TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store an almost limitless number of their own custom programs.



LIBERTY BELL KILN (#Special Order) has proven itself as a reliable and consistent production performer. The large firing surface of 4' x 6', effortless vertical bell lift and movable firing surface make production easy and rewarding. The Liberty Bell is available in a variety of voltage and phase configurations to meet your needs. Capable of all glass related firing up to 1650°F (900°C), such as painting, fusing, slumping, casting, etc. It's design is intended to offer the artist plenty of room for wonderfully large projects as well as giving the production operation the volume it demands. As with our other glass kilns, the Liberty Bell is designed to fire a single layer or shelf. Attempting to fire glass below the top shelf is likely to lead to frustration and disappointment.

- Rampmaster Control
- 48" x 72" Usable Firing Surface
- Counterweighted Lift Design
- "Superwool" Fiber Chamber
- 13" Chamber Height
- Strong Firebrick Floor
- Effortless Hand Crank Action
- Safety Latches
- Movable Firing Table

Firing Chamber Size:

74" W x 50" L x 13" H - 27.8 cubic feet!

North American Electrical Specifications Available:

208V 1 Phase; 87A; 18,000W; Direct Wire
 240V 1 Phase; 75A; 18,000W; Direct Wire
 208V 3 Phase; 50A; 18,000W; Direct Wire
 240V 3 Phase; 43A; 18,000W; Direct Wire



Evenheat Kiln Options

Customize your kiln with these great options:

VIEWING WINDOW (#7699-VW) - You can special order your kiln with a handy Viewing Window option. No more popping the lid to see how your firing is progressing. A viewing window is the most often requested option! The 2x4" window is a factory installed option.



ORTON KILN VENT SYSTEM (#7699-OKV) gently ventilates your kiln when firing. Especially useful if firing paints and lusters or other volatile items. Also helps distribute heat inside the kiln. Can be factory installed or added as an option later. The vent draws air through 1/8" diameter hole, mixes the hot kiln air with your room air and exhausts it all through a metal vent tube to the outdoors.



LID SAFETY SWITCH (#7699-LSS) This Power Interrupt option automatically removes power from all heating elements as the lid is opened and reapplies power as the lid is closed. Those wishing to enter the kiln during firing should strongly consider requesting this option as an added measure of safety. Does not interfere with your kiln's digital programming. This is a factory installed option.



DYNA-LIFT MECHANISM (#7699-DL for GTS-23 series kilns; #7699-DL41 for GTS-2541 series kilns) takes the stress out of opening these large kilns. The lid on the 2541 kiln weighs 63 lbs. The counterbalancing Dyna Lift reduces the weight to just 8 lbs. It takes the stress off of you and off of the lid and transfers it to the kiln stand. Your lid will last so much longer with this option, and your back will thank you as well. Can be ordered as a factory installed option, or you can get one to fit your existing kiln.



16" TALL STAND - replace the shorter stand equipped with your kiln with a 16" tall stand which brings the kiln to a more convenient level.

- GT-14 - 16" Stand (#7699-SA)
- GTS-18 - 16" Stand (#7699-SB)
- GTS-23 - 16" Stand (#7699-SC)
- GTS-2541 - 16" Stand (#7699-SD)



TAP® Controller

Nice, touch!

The TAP Controller features a touchscreen design that offers a large screen with full text. All commands and menu items are legible, easy to read and easy to operate. Simply respond to the screen with a touch! The TAP Controller is supplied pre-loaded with firing schedules as well as allowing the artist to create and store their own custom programs. On-the-fly features such as adding time to a hold, adding temperature to a hold and skipping ahead are available and easy to use.

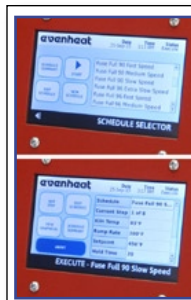
The TAP Controller allows for Wi-Fi connection via our well placed USB and Ethernet ports. This connectivity allows the artist to monitor the kiln, develop and edit programs and perform TAP Controller functions from a networked computer, tablet or mobile device!

- Touch Screen Technology
- Wi-Fi Capability
- Accessible USB and Ethernet Ports
- Cost per Firing Feature
- Real-time Graphing
- Pre-loaded Firing Schedules
- User-Defined Firing Schedules

WALL MOUNT CONTROLLERS

Use these if your kiln has no digital controller.

CAT#	TAP CONTROLLER	VOLTS AND AMPERAGE
#767015-TAP		120 volts, 15 amps
#7670-TAP		120 volts, 20 amps
#7671-TAP		240 volts, 20 amps
#7672-TAP		240 volts, 30 amps
#7673-TAP		240 volts, 50 amps
#7674-TAP		240 volts, 60 amps



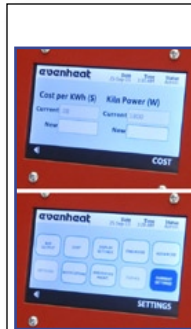
HELPFUL HINT: The TAP controller allows you to choose from a grouping of pre-loaded firing schedules or create your own, unique firing schedules for full artistic control.

Easily modified programs if desired. Simply choose to modify a schedule and the TAP Controller will display all of the firing schedule data on the touchscreen for inspection and modification. It's all there in a legible and easy to understand form. And, during an actual firing the TAP offers on-the-fly changes including adjusting set point temperatures, hold times and skipping ahead.



HELPFUL HINT: The TAP Controller is designed for computer networking via USB wi-fi or ethernet connections. Monitor the kiln, develop and edit programs and perform TAP Controller functions from a network connected computer, tablet or other mobile device. The USB and ethernet ports are readily accessible from the outside of the controller package, simply plug in and go.

Software updates will be available on a semi-annual or as-needed basis and are downloaded to the TAP Controller via a USB thumb drive, wi-fi connection or Ethernet connection. Updating is fast and simple and will give you the latest in features, themes and functionality.



HELPFUL HINT: The TAP Controller monitors many functions, among them is your actual cost per firing. Simply enter your cost per kilowatt hour and the wattage of your kiln. The TAP Controller uses this information to calculate a realistic approximation of the cost of your electrical usage for your firing schedules.

Preventative maintenance settings allow you to monitor relay, thermocouple and heating element use for before problems arise. Diagnostics provide a real-time look into the usage of critical kiln components, including the actual number of relay actuations, the amount of time the heating elements have been on, and the amount of time the thermocouples have been exposed to high temperatures.

Tabletop Controllers

Table Top Controls are used to automate an existing, manually controlled kiln. Simply plug your manually controlled kiln into the table top control and insert the controls thermocouple into your kiln and you're ready to fire automatically.

TABLETOP CONTROLLERS

Use these if your kiln has no digital controller.

CAT#	TAP	CONTROLLER	VOLTS AND AMPERAGE
#7675-STP		SetPro	120 volts, 15 amps
#7675-RM		RampMaster3	120 volts, 15 amps
#7675-TAP		TAP	120 volts, 15 amps (shown below)



RampMaster® III

Keep your life, and your kilnwork simple! Use the RampMaster III with Express Mode.

The Rampmaster III with Express Mode is Evenheat's full featured automatic temperature control. It offers two programming methods depending on your needs and experience: Express Mode and Custom Mode.

Express Mode is a programming method designed exclusively for glass work and offers an easy, 3 step programming process. [1] Choose Your COE: 90, 96 or 82. [2] Choose Your Firing Style: Slumping, Tack-Fuse, Full Fuse or Casting. [3] Choose Your Speed: Fast, Medium, Slow or Extra Slow. That's it, you're Ready to Fire! It's quick, it's easy and it's accurate.

Custom Mode is a programming method that allows you to define all aspects of the firing from temperature rates to set points and hold times. Custom Mode offers full artistic control. Custom Mode offers the ability to save 12 individual programs, the contents of which, are defined by you, the user. Each program can have up to 32 firing segments. A segment is simply a grouping of: rate of temperature increase or decrease, a set point temperature and soak, if desired.

The Rampmaster with Express Mode also features many single key features like Skip Ahead, Add Time and Add Temp. The RampMaster III kiln controller makes firing easy. RampMaster III controllers are available as a factory installed option for your kiln, or separately to run any kiln.

- No kiln sitting. Program and go!
- Reproducible results. Once you determine the program for a specific project, just use the same program each time you do the project again.
- No fiddling with knobs when trying to hold soak temperature

Set Pro Kiln Control

Easy to set and go!

Set-Pro, Evenheat's easy to use 3 button temperature control. Set up to 4 programs with up to 8 segments per program. Each segment controls rate of temperature increase or decrease, temperature (setpoint) and temperature hold time. "On-the-Fly" features allow you to add time, temperature or skip ahead.

WALL MOUNT CONTROLLERS

Use these if your kiln has no digital controller.

CAT# RM3	CAT# SET PRO	VOLTS AND AMPERAGE
#76701	#767015-SP	120 volts, 15 amps
#7670	#7670-SP	120 volts, 20 amps
#7671	#7671-SP	240 volts, 20 amps
#7672	#7672-SP	240 volts, 30 amps
#7673	#7673-SP	240 volts, 50 amps
#7674	#7674-SP	240 volts, 60 amps



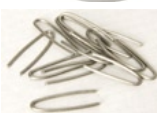
FIRING GLASSES (#7609) are a safety must when looking into a hot kiln. The shade 3.0 green coated lenses filter the infra-red and ultra-violet light that makes up the "glow". Protects your eyes from the heat, reduces the glare, and lets you see your project more clearly.



KILN CEMENT (#7699-C) Use to fill cracks & replace chunks of fire brick. Can be diluted with water to "paint" inside lid of kiln to correct dusting problems.



ELEMENT RETAINING PINS (#7699-ERP) can be used when elements sag excessively. Sold in packs of 12.



ELEMENT RELAY (#7699-R) for use with Set-Pro, Rampmaster and TAP control equipped models. This relay is a Double Pole, Single Throw (DPST) configuration. Output current 30A max. at 240V, coil operates from 12Vdc. This relay is used as the control relay in mechanical relay designs and is also used as the safety relay in Evenheat's Quiet Drive solid state designs.



ELEMENT CONNECTORS (#7699-EC) are used to attach elements to control panel wiring. Sold in packs of 4.



1" LONG ELEMENT INSULATORS (#7699-EI) "Mushroom" style. May be used to replace old style - package of 4.

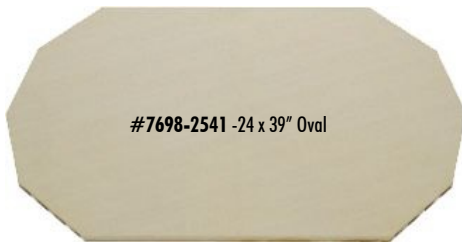
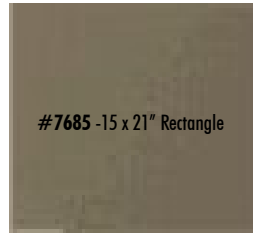
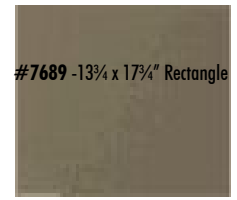
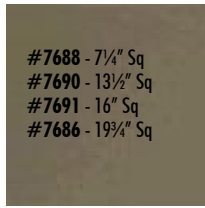


RM3	SETPRO	PROGRAMMING FEATURES
12	4	Number of custom programs you can store
32	8	Maximum number of segments for each program
#		Express Mode: Allows you to enter COE of the glass you are firing, your firing style (slumping, tack fuse, full fuse or casting) and the speed you wish to fire at to quickly program your firing with only a few keystrokes.
#		Delay Feature: Allows you to specify the amount of time before a program starts after pressing the "start" button. Handy if your electricity is metered for "off peak" usage.
#	#	Hold: Allows you to specify an amount of time to hold (soak) the end temperature of a segment
#		Alarm: You can set a temperature that will trigger the buzzer to alert you
#		Beginning of Process Alarm: Lets you know when your program enters the process phase
#		End of Process Alarm: Notifies you when the program wraps up the process phase and enters the annealing phase.
#		Back Up: Allows you to back up one step while programming
#		Configuration Menus: Allow you to custom configure "add time" and "add temperature" features and more
#		Diagnostics: Built in troubleshooting features
#	#	Bright LED Display: Display shows 4 characters in large, easy to read from across the room format.
#		KISS (Kiln Interface Software System) compatible
RM3	SETPRO	ON-THE-FLY CAPABILITIES
#		Power Tame: You can control the lid elements independently of the side elements with out needing to add infinite switches
#		Suspend the Firing: You can hold the firing at the displayed temperature for up to 15 minutes. Your program then resumes where you suspended the firing. Also called "Pause"
#	#	Skip Segment: You can advance the firing to the next segment immediately
#	#	View Segment: Controller will show you the current segment that is running
#	#	Review Program: This feature shows you the details for the last program used or the program currently running
#	#	Recall Program: You can quickly select a saved program to run
#	#	Add Time: Allows the addition to the hold time in increments of 5 minutes
#	#	Add Temperature: Allows the addition of 5° increments to your set point.

Kiln Furniture

KILN SHELVES are approx 5/8" thick and rated to 2100°F.

- 7¼ x 7¼" **Square (#7688)** for Studio 8 kilns
 - 13" **Round (#7681)** for GT 14-6 kiln
 - 13½ x 13½" **Square (#7690)** for Studio Pro 14 kiln
 - 15½" **Round (#7682)** for GTS 18-series kiln
 - 16 x 16" **Square (#7691)** for Studio Pro 17 kiln
 - 21" **Full Round (#7683)** for GTS 23-series
 - 21" **Half Round (#7684)** you need two, one for each end of GTS 2541
 - 15 x 21" **Rectangle (#7685)** for center of GTS 2541 kiln
 - 13¾ x 17¾" **Rectangle (#7689)** for GT 4050 kiln
 - 19¾ x 19¾" **Square (#7686)** for GTS 22 kiln
-
- 24 x 39" **Corelite Oval (#7698-2541)** for GTS 2541 kiln
 - 24 x 39" **Corelite Oval (#7698-SP41)** for StudioPro 41 kiln



CORELITE SHELVES are lighter weight kiln shelf options for larger kilns. The hollow core construction allows for a thick, stable shelf with considerable less weight than a traditional kiln shelf. The hollow core also allows for more even heating as the hot air circulates through the core of the shelf. In addition, the shelf has a machined surface which remains flat and free of warpage. Choose from:

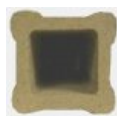
CORELITE

- 20" **Square x 1" thick (#7695)** for GTS 22 kiln
- 15" **Round x 5/8" thick (#7696)** for GTS 18-series kiln
- 21" **Round x 5/8" thick (#7697)** for GTS 23-series
- 24 x 39" **Oval x 1" thick (#7698)** for GTS 2541 kiln - covers the entire kiln without any seams! Approx. 45lbs



KILN STILTS are used to hold drop out molds up. Drop out molds are used to make morning glory and daffodil blossoms. Stilts are 2 to 6" tall. Choose from:

- 1" tall (#73431)
- 2" tall (#73432)
- 3" tall (#73433)
- 4" tall (#73434)
- 5" tall (#73435)
- 6" tall (#73436)



Shelf Paper & Fiber Paper

TECHNIGLASS PAPYROS™ KILN SHELF PAPER

is a ceramic-based paper specially formulated for glass fusing. When placed between the kiln shelf and the underside of a glass project, Papyros™ prevents the glass from sticking to the shelf during firing. Because of its sturdy composition, Papyros™ provides excellent glass/kiln shelf separation on the first use, and frequently even in subsequent firings. Compared to kiln washes, Papyros™ reduces shelf preparation time and improves surface release qualities. Benefits (when compared to more conventional ceramic fiber materials):

- Glossier finish on the shelf side of your finished project
- Less binder burnout odor
- Lighter weight for easier handling and storage

PAPYROS
KILN SHELF PAPER



Sold In:

- 20½x20½" squares (#FUS-PYR-SHT)
- Pack of 10 sheets of 20½x20½" squares (#FUS-PYR-SHT10)
- Pack of 100 sheets of 20½x20½" squares (#FUS-PYR-SHT100)
- 13" diameter circles (#FUS-PYR-CIR)
- Pack of 10 sheets of 13" circles (#FUS-PYR-CIR10)
- Pack of 100 sheets of 13" circles (#FUS-PYR-CIR100)
- Craft Roll - 20½" wide x 82 ft long (#FUS-PYR-CRFT)
- Studio Roll - 41" wide x 33 ft long (#FUS-PYR-STDO)
- Commercial Roll - 41" wide x 250 ft long (#FUS-PYR-COMM)



FIBER PAPER can be used in place of shelf primer. Does not stick to your project, and gives a slightly textured surface to the back of your work. 1/8" paper is good for many firings, the 1/32" paper for a few. Fiber paper is sold in 12x12" or 24x24" squares. See chart below for catalog numbers:

CAT#	THICKNESS	SIZE
#0232	1/8"	12 x 12"
#0233	1/32"	12 x 12"
#0252	1/8"	24 x 24"
#0253	1/32"	24 x 24"



Fiber Boards

FIBERFRAX is the Unifrax Corp's trademark for their ceramic fiber refractory materials. Fiberfrax is made of non-asbestos ceramic fibers, woven loosely together to form thin paper or thicker boards that withstand the high temperatures of fusing and the corrosive effects of molten glass.

FIBERFRAX BOARDS are available in 3 thicknesses (¼, ½ & 1" thick). Use as a lining to protect the expensive (and easily eaten away by molten glass) firebrick in your kiln. Use on your workbench as a heat proof pad to set your Studio 8 Lid or slumping molds on.

CAT#	THICKNESS	SIZE
#0234	1/4"	12 x 12"
#02340	1/4"	12 x 24"
#02341	1/4"	24 x 24"
#02342	1/4"	24 x 48"
#02343	1/2"	12 x 12"
#02344	1/2"	12 x 24"
#023444	1/2"	24 x 24"
#02345	1/2"	24 x 48"
#02346	1"	12 x 12"
#02347	1"	12 x 24"
#02348	1"	24 x 48"

HELPFUL HINT: When first fired, Fiberfrax® board will turn brown, as the sugar based binder burns off. Provide adequate ventilation for this initial prefire (~800°F).

No shelf primer is needed when using Fiberfrax® board at temps up to ~1200°F. For higher temperatures using Fiber Hardener (#73713) and Primo Primer (#0255) will extend the life of the board.

HOTLINE FIBER HARDENER RIGIDIZER (#73713)

particularly useful for fiber boards and thick fiber shapes. Larger particle size and low viscosity absorbs rapidly and deeply for thorough rigidizing. It has less tendency to migrate to the surface when drying, resulting in a more uniform product. Completely cristobalite free at use temperatures below 2200°F. Water soluble. Thin if desired. Dry at 250°F (121°C) or above to obtain Thermal Set. 32 oz bottle.



Fusing Proprietaries

These are the different items you'll need for fusing.

SPRAY "A" PLUS OVERGLAZE (#0240 - 8oz) prevents devitrification. Spray "A" is a low melting point clear glass, ground to a fine powder. This powder is held in suspension and is sprayed on your project before firing. Use Badger Air Brush (see page B-7) to apply an even coat. Fire to minimum of 1300°F.

NOTE: New lead-free formulation.

FUSE MASTER SUPER SPRAY is a 99.98% lead free overglaze. Use on all your kiln-fused projects. Fire to 1250°F for a satin, matte surface. Fire to 1300 to 1700°F for a shiny surface. Will not discolor reds, yellows, oranges or other sensitive colors. Can be used on iridized and dichroic glass. Use Badger Air Brush for application. Safe for food contact. Comes in an

- 8 oz bottles (#0238)
- Quarts (#0239)

BENDING GLAZE (#0236) matures at 1100°F and is used often when bending glass replacement parts for antique shades. Contains lead and is not for use on food bearing surfaces. Sold in 4 oz bottles.

CLEAR COAT OVERGLAZE contains no lead or glass powders, only a natural fluxing agent that produces a durable glossy shine on the surface of your fired glass. Safe to use on food bearing surfaces. Just brush or spray a light coat onto the top surface of the glass. Working range of 1350° to 1550°.

- 8 oz bottle (#02580)
- 32 oz bottle (#02582)

WASH AWAY (#0247) will quickly remove shelf primer residue from the back side of your fused glass. Use a little Wash Away and a non-metallic scouring pad to scrub away the remaining residue for a cleaner, neater finish. 8 oz bottle.

FUSING SOLUTION OVERGLAZE GLUE (#0261) is a dual purpose product that is both a gel glue and an overglaze that prevents devitrification! The clean burning gel bonds frit, powders, enamels and paints before you get your project into the kiln. This mixture of organic gums and an overglaze base is ideal for all art glass, window glass, slumping bottles and just about any kiln application. Thicker and having more holding power than most popular binders. Apply it to your base glass with a brush, thin with water to make a spray, or just draw with its applicator tip. When dry, your pieces will be bonded to the base glass and you can fire without worrying about scum, carbon deposits or devitrification. You can also just use it as an overglaze. Brush a thin layer over colors that have a tendency to devit and they will come out of the kiln bright and shiny. Fire to 1325°F. 8 oz bottle.

HOT LINE SHELF PRIMER (or kiln wash) keeps glass from sticking to kiln shelf. When first applied, Shelf Primer is purple and turns white when fired. Use Haik Brush for even application.

- 24 oz container (#0242)
- 5 lb container (#0243)

HOT LINE HIGH FIRE SHELF PRIMER is used for high temperature kiln work such as raking or use as mandrel release for lampworking beads.

- 24 oz container (#0248)
- 5 lb container (#0485)



HOTLINE PRIMO PRIMER is the ideal choice for a release agent on your molds and shelves when working at higher temps (1475° F and above). It's perfect for coating intricate molds, like the Colour De Verre molds. It removes from shelf after firing by brushing or by wiping with a damp sponge. No more tedious and messy scraping.

- 24 oz Jar (#0255)
- 5 lb Jar (#02551)

ZYP BORON NITRIDE AEROSOL LUBRICOAT® (#02651 - formerly known as MR-97) is a high concentration boron nitride spray for stainless steel and ceramic molds. Works at temperatures up to 1800°F. Shake can well, apply light coat, wait five minutes and apply a second light coat. Wait 15 minutes and you're set to go. *As recommended by Colour de Verre for their line of casting molds.* 13 oz aerosol can.

ZYP BORON NITRIDE GLASS RELEASE (#02652) provides a water-based alternative to the flammable solvent-based aerosol lubricoat (ZYP Mold Release Spray - #02651). The water-based formula will take longer to dry than the solvent-based formula, but the non-hazardous product is less expensive and easier to ship. The easy-to-use trigger sprayer allows application onto most non-glazed (i.e., bisque) surface, substrate or mold. *Not recommended for stainless and metal molds or smooth or glazed surfaces, since the sprayer tends to give uneven coverage on those substrates.* 12 oz spray bottle.

LOWER FRICTION BORON NITRIDE SPRAY (#0266) is a high concentration boron nitride spray for stainless steel and ceramic molds. Works at temperatures up to 1800°F. Shake can well, apply light coat, wait five minutes and apply a second light coat. Wait 15 minutes and you're set to go. *As recommended by Colour de Verre for their line of casting molds.* 13 oz aerosol can.

MO-RE® SPRAY N' FUSE MOLD RELEASE from TECHNIGLASS is a high concentration, self-leveling, non-flammable boron nitride release spray for stainless steel, ceramic and frit casting molds. Works at temperatures up to 1600°F. Available in:

- 8 oz Aerosol Spray Can (#TG MORE 8)
- 12 oz Aerosol Spray Can (#TG MORE 12)



HELPFUL HINT: Shake can well and on stainless steel molds, apply a light coat, wait 15 minutes and apply a second coat. Allow to dry for 15 minutes and you're ready to go. No need to preheat the mold.

On new ceramic molds, apply 2-4 light coats about 5 to 10 minutes apart. Allow to dry at least 15 minutes and you're ready to go. On molds previously treated with kiln wash, remove as much kiln wash as possible before spraying.

If firing to 1350°F, you should be able to get a couple of firings before a light recoat is needed. If firing higher, it is best to give a quick spray before the next run.

If glass release is difficult, Boron coating wasn't fully dry. If the product leaves a 'scum or haze' - too much Boron has been applied.

As with all Boron Nitride products, once you start using Boron on a mold, you cannot go back to using kiln wash.

HELPFUL HINT: Ceramic molds that are to be coated with Boron Nitride may be brush-painted with undiluted or diluted food coloring before the Boron Nitride coating is applied. Undiluted food coloring provides the best visibility. The ceramic mold should be thoroughly dried before applying the Boron Nitride coating. This technique makes it easier to see where and how much of the white Boron Nitride coating has been applied. After firing, the dye completely burns out and does not affect the Boron Nitride release properties.

Fusing Miscellany

These are all the little tools and accessories that you need for serious fusing.

PATE-DE-VERRE & FUSERS GLUE (#02455) holds your work together as you assemble the pieces of glass prior to setting in the kiln. Burns off in the kiln without leaving a residue. Sold in a 4 oz squeeze bottle.

SQUEEGEE OIL (#0244) is used to hold fine frit in place when you are preparing a piece for fusing. Also used with enamels. Burns off at relatively low temperatures without leaving a residue. 8 oz bottle.

ZETEX HEAT RESISTANT GLOVES (#0257) are asbestos free, high temperature rated gloves. Good for 800-1100°F exposure. Perfect wearing apparel for opening kilns, moving hot molds, etc. One size fits all. Wool lined.

HAIK BRUSH is used for applying shelf primer to molds and kiln shelves. Choose from:

- 2¾" wide brush (#0250)
- 5½" wide brush (#02505)

FABRICUT (#0251) 100 grit, is used to remove used shelf primer from shelves and molds. The open weave construction does not clog. Sold in 9x11" sheets.

HOTLINE STRESS TESTER (#02541) can be used with nearly any light source (typically a battery powered flashlight) to give an indication of stress when testing glass for compatibility. Includes diffusing lens, two polarized lenses and instructions (flash light is NOT included).

LIQUID STRINGER MEDIUM (#02100)

Enjoy the freedom of being able to draw with glass. Liquid Stringer Medium is a unique gel that you can mix with powdered frits or enamels so they can be applied with a squeeze bottle or cake decorator. Anything you can draw, be it words, faces, geometric patterns or free form lines can all be made in fused glass. When mixed to the proper consistency, your lines will have the round dimensional quality of a glass stringer. Mixing thinner will allow you to float areas of color. Easy to use, this medium burns out clean when fired. Tools can be cleaned with water. This is a great addition to any glass artist's bag of tricks. 8 oz. bottle.

APPLICATOR BOTTLES (#02105)

Sold as set of 5



FRIT MAKER (#7506) smashes glass into frit and powder. The Frit Maker is made of steel and it's heavy duty walls and impact head are made to last for years. Turn your scrap glass into inexpensive frit in seconds. Includes instructions and a magnet to remove any metals from your frit from using the Frit Maker. Overall height: 11 inches, piston diameter: 3 inches, chamber depth: approx 5 inches, overall weight: 7.2 lbs.



FRIT SIFTERS (#7505) are an indispensable companion to the Frit Maker. You can easily sift your newly created frit into four different grain sizes- powder, fine, medium and coarse. This set contains four 3.75" tall heavy duty cups, with 4.5" diameter stainless steel mesh screens. Mesh size of the screens are as follows: <0.2mm, 0.2-1.2mm, 1.2-2.7mm, and >2.7mm.



GLASS POWDER SIFTERS — makes it easy to put just the right amount of glass powder on your stencils. 60 mesh screens are available in three sizes.

POWDER SIFTERS	
7500	small – 10mm
7501	medium – 25mm
7502	large – 40mm
7503	Package of 3 powder sifters - 1 of each size



GLASS POWDER LINE SIFTERS — Lightweight sifters that have ribbed handles and are easy to control. Simply slide a fingernail across the ribbing to create vibration for effective sifting. Great tool for making fine lines and details.




POWDER SIFTERS	
7550	1/32" Line Sifter
7551	1/16" Line Sifter
7552	Package of 2 line sifters - 1 of each size



[Click here for more information on Liquid Stringer Medium](#)

More Fusing Miscellany

FUSING WIRE is a special alloy wire (chromel A – 20% chromium / 78.4% nickel / 1% silicon / .5% iron) that allows you to fuse loops in jewelry. Turns from shiny silver finish to a darker brown to copper look when fired. Choose from:

CAT#	GAUGE	LENGTH	
#02459	17 gauge	10 ft	17 gauge 
#02460	18 gauge	10 ft	18 gauge 
#02462	18 gauge	1 lb spool (approx 200 ft)	
#02464	22 gauge	10 ft	22 gauge 
#02467	22 gauge	1 lb spool (approx 500 ft)	

Badger Air Brush

THE BADGER AIR BRUSH is handy for spraying Spray A and Super Spray on glass to be fired or Shelf Primer (Kiln Wash) on slumping and draping molds. Air brush gives even coverage. Adjustable spray angle for coverage from 3/4" to 2" wide. Use Propel (pressurized environmentally safe gas) cans to supply air.



Air Brush kits:

- **BASIC AIR BRUSH SET WITH PROPEL CAN (#7401)** includes spray gun, one 3/4 oz jar, propel regulator, 6 ft vinyl air hose and instructions. As illustrated above, with the addition of a small can of Propel. You're ready to go, right out of the box!

Replacement Parts & Access

PROPEL CANS, 15 OZ (#7405) is replacement for cans found in kits above. Environmentally safe formula.

PROPEL REGULATOR (#7407) screws on top of Propel Can to regulate flow to your air brush.

3/4 OZ JAR & COVER (#7406) Use one for Spray A, one for Super Spray and one for Kiln Wash. Saves cleaning jar every time you use a different item.

8' HOSE WITH 1/4" PIPE ADAPTOR (#7421) for use with compressors or bottled compressed air.

1/4" COMPRESSOR ADAPTOR (#7423) is threaded on one end to accept male fitting from compressor hose, threaded on the other end to accept female fitting on your Badger hose.



FLAMEWORKING

Flameworking (also known as lampworking) is another branch of hot glass techniques. Practiced for centuries, this technique of shaping glass in a torch flame is enjoying a renewed interest as equipment and glass become more readily available. Glass beads, pendants, bracelets, marbles and paperweights are just a few of the creations that are in the grasp of glass enthusiasts with some basic equipment and practice.

BEGINNER'S ESSENTIALS GLASS BEADMAKING KIT (#FW 0642)

This kit opens up the fascinating world of beadmaking. With this kit and a few hours of practice you will be making your own unique glass beads in all shapes and sizes. The kit includes Fireworks™ quick-light self-igniting torch, 2 pc work surface, protective eyewear, bead reamer, 15 coe104 glass rods, 12 stainless steel mandrels, bead rake, dotted & grooved texturizing marver, cannister holder, bead release, mandrel scrubber, fiber blanket, instruction booklet and DVD.



FIREWORKS QUICK LIGHT TORCH (#FW 0875) unique torch has a simple push button ignition for easy use. Special regulator dial and 4 point oxygen intake, provides for truer more vibrant bead colors. Mapp/Propane gas bottle NOT included.

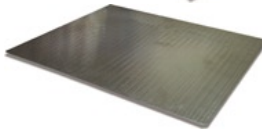


BOTTLE HOLDER (#FW 0704) holds Mapp or Propane bottles securely in place without slipping or scratching.



HEAT RESISTANT WORK SURFACE (#FW 0705)

Large 14" x 17" heat resistant, plated steel work surface provides ample space to spread-out tools and equipment.



MANDRELS AND BEAD RAKE SET (#FW 0703) Includes 12 mandrels made of stainless steel, which have a low heat transfer, keeping your fingers cool while working in direct open flame. The bead rake can be used to manipulate molten glass by dragging, raking, feathering, or swirling the surface. It can be used to make air bubbles or poke holes through the glass. Its bent tip provides for a comfortable grip.

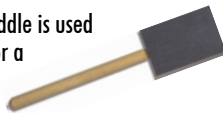


BEAD RAKE ONLY (#FW 0726)

STAINLESS STEEL TOOL REST (#FW 0723) V-shaped design allows you to safely rest hot mandrels, glass and tools on your work surface for easy access.
7½" x 1½"



GRAPHITE PADDLE (#FW 0725) Fireworks graphite paddle is used to shape molten glass. The extra long handle is designed for a smooth comfortable grip. Graphite is lightweight and will not stick to hot glass.
2" x 3" paddle



SHAPING MARVER SET (#FW 0708) Roll or press your glass into these 2" x 4" metal textured surfaces to make interesting surface patterns. Experiment; roll bead at different angles.



GRAPHITE TONGS (#FW 0710) assist shaping molten glass around bracelet mold and for any other hot glass shaping needs while fusing in kiln.



TWEEZER SET (#FW 0707) Fireworks tweezers have a multitude of uses in hot glass applications. When rubber tips are removed use them to set in millifiori, hold hot glass, or create stringers, etc. Use with rubber tips in place for wire wrapping or for a secure grip on warm glass. Sizes: 5½", 7" and 10"



BEAD HOLE BRUSH (#FW 0724) pushed back and forth through the hole in your bead to remove bead release residue.



BEAD RELEASE (#FW 0731) is a thick liquid coating that prevents glass from sticking to metal. Available in 8 oz. containers.



DIDYMIUM GLASSES – Phillips 202 lenses, also known as ACE (Amethyst Contrast Enhancer), filter damaging yellow sodium flare (589 nm) while also protecting the eyes from certain visible and UV light produced in the glassblowing process. These lenses are an improvement over traditional Rose Didymium lenses by improving color discrimination between different color objects while providing greater protection from damaging infrared light in the 750 nm to 1000 nm range.

NOTE: The Phillips 202 lenses are designed for SOFT GLASS ONLY (Bullseye, Uroboros, Spectrum ...). Do NOT use with HARD/BOROSILICATE glass types (PYREX, ...).

- **Plastic Universal Fit (#7608)** large molded polycarbonate safety frame with universal bridge and side shields. The temple bars are adjustable up and down and telescope out for a perfect fit. Fits over most existing eyewear.

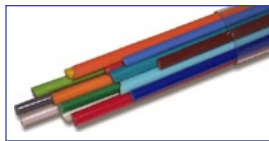


DTI FIREWORKS RODS

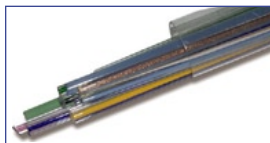
Diamond Tech International has assembled 4 great assortments of **COE 104** glass rod packs. Rods are approximately 13" in length.



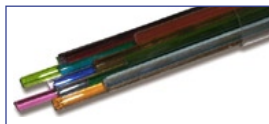
BASIC SET (#FW 0729B)
contains 15 rods in black, white and clear.



OPAQUE SET (#FW 0729O) contains 15 rods in assorted opaque colors.



OPALINE/FILIGRANA SET (#FW 0729F) contains 10 assorted of premium opaline and filigrana rods.



TRANSPARENT SET (#FW 0729T) contains 15 rods in assorted transparent colors.



DTI BRACELET MOLDS

Handy tool for forming bracelets. Pedestal base allows for easy removal of formed bracelet. Available in two sizes for making large and small bracelets and napkin rings.

SMALL BRACELET/NAPKIN RING MOLD (#FW 0715)

- Barrel Circumference: 1-3/8" x 1 1/2"
- Former height 3/4" x 4 3/4" Length

LARGE BRACELET MOLD (#FW 0716)

- Barrel Circumference: 1-5/8" x 2 1/4"
- Former height 3 1/2" x 4 3/4" Length.

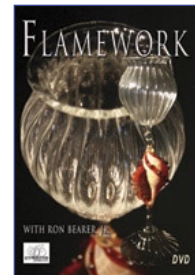


If Seeing Is Believing ...
Then picking up either of these DVDs will make you a hot glass believer

FLAMEWORK with Ron Bearer, Jr.

As the third generation of his family in the art glass industry, Ron focuses his passion on flameworking. He has written instructional articles for five national and international magazines and has co-authored other books including *The Exotic Art of Glass Bracelets*.

In this video you will learn how to create the beautiful flameworked glass goblet featured on the cover. Includes bonus footage of how to create a Christmas ornament. (#29309-D)



TORCH TIME with Molly Heynis

If you don't know anything about bead making and want to get started, then this is the DVD for you. Molly takes you from the very first steps of set up and prep to finished beads in this 85 minute DVD. Covers tools, safety, setup, the basics and then takes you into more detailed techniques that use stringer, frit and dichroic glass.

Nicely paced with detailed video, highly recommended if you want to see what bead making is all about. (#29304-D)



System 96 Rods

The perfect choice for lampworking and other hot glass work. Expansion-Matched to a nominal C.O.E. of 96, then factory-tested for fusing compatibility. Each glass has been carefully formulated for Multi-Fire devit resistance.



Rods are approximately 5-6mm diameter x 50cm (3/16 - 1/4" x 20").

SYSTEM 96 ROD SAMPLER PACK (#SFR-SAM) contains 1" long samples of each rod color, all packaged in plastic sleeves in a 3 ring binder.

10 mm DIAMETER RODS

Rods are approximately 10mm diameter x 50cm (3/8" x 20").

COLOR	10 mm DIA ROD CAT#
CATHEDRAL RODS	
clear	SFRT 00-10-96
pale amber	SFRT 1102-10-96
cobalt blue	SFRT 136-10-96
OPALESCENT RODS	
white	SFRO 200-10-96
almond	SFRO 2107-10-96
peacock green	SFRO 2234-10-96
cobalt blue	SFRO 2306-10-96
red	SFRO 2502-10-96
orange	SFRO 2702-10-96
marigold	SFRO 355-10-96
black	SFRO 56-10-96

10mm ASSORTMENT (#SFRX 10) contains 10 rods, one of each color listed above. Rods are approx. 10" long.

COLOR	ROD CAT#	PRICE CODE
CATHEDRAL RODS		
clear	SFRT 00-96	RA
red reactive	SFRT 003-96	RB
pale amber	SFRT 1102-96	RB
golden amber	SFRT 1108-96	RB
dark amber	SFRT 111-96	RB
light green	SFRT 121-96	RB
emerald green	SFRT 125-96	RB
aventurine green	SFRT 128-96	RD
pale blue	SFRT 1308-96	RB
cobalt blue	SFRT 136-96	RB
light purple	SFRT 142-96	RB
deep purple	SFRT 146-96	RB
pale gray	SFRT 1808-96	RB
neon orchid	SFRT 476-96	RN
bronze	SFRT 5181-96	RB
moss green	SFRT 5262-96	RB
sea green	SFRT 5281-96	RB
olive green	SFRT 5284-96	RB
sky blue	SFRT 5331-96	RB
deep aqua	SFRT 5333-96	RB
violet	SFRT 5342-96	RB
steel blue	SFRT 5384-96	RB
navy blue	SFRT 5386-96	RB
grape	SFRT 5432-96	RB
pink champagne	SFRT 5911-96	RB
citron	SFRT 707-96	RG
ming green	SFRT 774-96	RG
straw	SFRT 906-96	RB

COLOR	ROD CAT#	PRICE CODE
SEMI-OPAL RODS		
cherry red	SFRO 1511-96	RC
yellow	SFRO 1611-96	RC
orange	SFRO 1711-96	RC
OPALESCENT RODS		
red reactive opal	SFRO 045-96	RO
cloud opal	SFRO 070-96	RO
white	SFRO 200-96	RO
firelight white	SFRO 209-96	RO
almond	SFRO 2107-96	RO
dark green	SFRO 2206-96	RO
Easter green	SFRO 2222-96	RO
turquoise green	SFRO 2232-96	RO
peacock green	SFRO 2234-96	RO
lemongrass	SFRO 2262-96	RC
Amazon green	SFRO 2264-96	RO
medium blue	SFRO 2302-96	RO
cobalt blue	SFRO 2306-96	RO
turquoise blue	SFRO 2334-96	RO
alpine blue	SFRO 2382-96	RO
mauve	SFRO 2402-96	RO
lilac	SFRO 2404-96	RO
red	SFRO 2502-96	RC
lemon yellow	SFRO 2602-96	RC
sunflower	SFRO 2672-96	RC
orange	SFRO 2702-96	RC
pewter	SFRO 2802-96	RO
champagne	SFRO 2911-96	RO
marigold	SFRO 355-96	RC
riviera blue	SFRO 421-96	RO
black	SFRO 56-96	RG
plum	SFRO 520-96	RC
lipstick red	SFRO 615-96	RC
fern green	SFRO 755-96	RC

TRANSPARENT SET (#SFRX T) contains 13 rods in assorted transparent colors (no clear).

BASIC SET (#SFRX B) contains 14 rods total in black (4), white (4) and clear (6).

OPAQUE SET (#SFRX O) contains 12 rods in assorted opaque colors (no black or white).



All System 96 products are subject to availability due to the sale of Spectrum & Uroboros to Oceanside Glasstile

PAINTS AND SUPPLIES

Painting on glass can add depth and realism that may not necessarily be attainable by glass and lead lines alone. Glass stainers, enamels and silver stains all can lend details and three dimensionality to your glass that otherwise may look flat, lifeless and two dimensional.

BRUSHES generally come in two categories: APPLICATORS and SCRUBS. Applicator brushes are used to apply the wet paint to glass. Scrub brushes are used to remove paint from the glass.

We scoured the world in search of reliable, quality painting tools and supplies at reasonable prices. You'll find that these tools measure up with the best but at a fraction of the cost.

ROYAL APPLICATOR BRUSHES (from left to right):

- 2" CAMEL HAIR APPLICATOR BRUSH (#R BR A2)
- 3" CAMEL HAIR APPLICATOR BRUSH (#R BR A3)
- 2" ROYAL BADGER BLENDER BRUSH (#R BR BB2)
- 3" ROYAL BADGER BLENDER BRUSH (#R BR BB3)
- 4" ROYAL BADGER BLENDER BRUSH (#R BR BB4)

NOTE: Camel hair brushes are very economical, have soft, flexible bristles but have less "memory" or "snap" (ability to retain their shape). Badger hair brushes have soft and flexible bristles, leave a smooth, even surface and have a better ability to retain their shape.



SYMPHONY BLENDING BRUSH (#R BR PM3) Peter McGrain has found the perfect Blending Brush. The Symphony Badger Blender is not as floppy as our Royal Series above. The added springyness gives you more control when blending mats or stippling. The Symphony Blender is 3" wide.



SCRUB BRUSH (#R BR336) Fitch Deerfoot Stippler size 6. Used to remove paint from the glass that has been prepared with alcohol or turpentine to blend, feather and lighten your matting which adds details and highlights to your design.



ENGLISH STIPPLER BRUSH (#R BR32A) is held perpendicular to your work to create stipples or dots of paint which can be used for shading, intensify shadows, and adding texture. (size 4)



Professional quality brushes from Reusche have been used by studios in the US and around the world for decades to produce the finest quality paintings on glass.

REUSCHE APPLICATOR BRUSHES (from left to right):

- 3" French Student Badger Blender (#R BR313S)
- 3" English Badger Blender (#R BR313A) a superior quality brush with a comfortable handle.
- German Round Badger Blender (#R BR326) size 6



REUSCHE TRACING BRUSHES (pictured below from top to bottom):

- Superior Pony Hair Tracing Brushes (#R BR304) size 4
- Superior Pony Hair Tracing Brushes (#R BR306) size 6
- Superior Pony Hair Tracing Brushes (#R BR308) size 8



MAGIC OUTLINING PENS will help you outline, write and draw details using fire-on glass enamels and lusters. Each pen includes a wire cleaning plunger.

- **REGULAR POINT PEN (#9899)** is an excellent choice for use with fire-on glass enamels
- **FINE POINT PEN (#9898)**



STIPPLER BRUSH SET (#R BR PM2) features a variety of 12 brushes of various shapes and sizes plus a handy tote to hold them all.



PETER McGRAIN TRACING BRUSH SET (#R BR PM1)

features the 5 most popular sizes in 1 convenient package. These sable-ox hair blend brushes combine to make a fine quality brush set at a very reasonable cost. Set contains 1 brush of sizes 1, 3, 5, 7, & 9.



PETER McGRAIN GLASS PAINTING KIT (# R 2201)

Kit includes 7 brushes (badger blender, wide applicator brush and assorted tracing and scrub brushes), a 3½" spatula, 3 colors of paint (2oz jars), gum arabic and a handy metal carrying case, and Peter's instructional booklet all for less than the cost of a European Badger blender.



4" PALETTE KNIFE (#R PK) used to sprinkle on gum arabic and also for mixing your paints, gum arabic and your painting medium.



EYEDROPPER (#R ED) dispense the medium of your choice one drop of at a time. Don't waste your paints unnecessarily by making up too much.



PAINTING MEDIUMS – are mixed with the powdered paints to allow the paints to be applied to your glass with a brush. They are the vehicle (and sometimes the binder – to hold the paint on the glass until it is fired) for applying your paint. Several mediums are available depending on your painting technique and your personal preferences. All should burn off cleanly upon firing.

SMALLER QUANTITIES:

CLOVE OIL a very slow drying oil that is extremely good for mixing paints and for applying tracings and fine, detailed lines. Available in:

- 2 oz BOTTLE (#R MED C02)
- 4 oz BOTTLE (#R MED C04)



WATER FRIENDLY MEDIUM presents a good choice for hand painting with FuseMaster enamels. Cleans up with water. Available in:

- 1 oz BOTTLE (#R MED WFM1)
- 4 oz BOTTLE (#R MED WFM4)
- 8 oz BOTTLE (#R MED WFM8)



LAVENDER OIL is also a slow drying oil that can be used for mixing and applying paints. This very thin, light oil is more often used to dilute heavier mediums to workable consistencies. Available in:

- 2 oz BOTTLE (#R MED L02)
- 4 oz BOTTLE (#R MED L04)

1lb CONTAINERS (approx 1 pint):

SQUEEGEE OIL (#R MED D175) is a heavy bodied and will dry hard.

WATERBASED MEDIUM (#R MED D1368) is good for hand painting and cleans up with water.

KLYR-FIRE® (#73740 – 16 oz bottle) from Thompson Enamel is a multi-purpose water-soluble mixing medium which cleans up easily and doesn't emit the fumes associated with other binding agents (such as squeegee oil). Klyr-Fire is frequently used in Pâte de Verre and also as a low tack fusing glue. We've even seen recipes using Klyr-Fire and borax to make your own devitrification spray.



VITREOUS PAINTS are finely ground glass with intense metallic oxide pigments that, once fired into the glass, can be used to permanently shade or color your glass pieces. Choose from GLASS STAINERS, SILVER STAINS or GLASS ENAMELS.



REUSCHE WEATHER RESISTANT GLASS STAINERS

are fired to **1200-1250°F**. The Blacks, browns and grays make excellent choices for tracings and mattings. Sold in 1oz bottles.

REUSCHE WEATHER RESISTANT GLASS STAINERS		
CAT#		DESCRIPTION
R P 1059	✓	Stencil Black
R P 1063		Tracing Black #61
R P 1065		Universal Black
R P 1109		Ancient Brown-Hancock's
R P 1110		Bistre Brown #7-Hancock's
R P 1134	✓	Tracing Brown #1
R P 1139		Umber Brown-Hancock's
R P 1205A		Black Green Grisalle
R P 1220A	✓	Gray Green
R P 1345		Red for Flesh 33
R P 1400GS		Obscuring White - translucent
R P 1795		Gum Arabic
R P 7852MB		Strong Blue
R P 7869MB		Blue Green
R P 7870MB		Dark Green
R P 7871MB		Soft Yellow - translucent
R P 7872MB		Lemon Yellow
R P 7882MB		Blood Red - translucent
R P 7883MB		Pink - translucent
R P DE401	✓	Tracing Black DE401
R P DE402	✓	Bistre Brown DE402
R P DE403	✓	Umber Brown DE403
R P DE405		Ancient Brown DE405
R P DE458		Tracing Black Best
R P DF476		Flesh Red - translucent

Items marked with ✓ are also available in half pound packs. Please include the suffix "-HP" when ordering these items.
ex. #R P 1059-HP to order 1/2lb of the Stencil Black.

SILVER STAINS fire to **1050-1080°F**. Silver nitrate causes your glass to change color to variations of yellows and oranges. Sold in 1oz bottles.

REUSCHE SILVER STAINERS, 1050°-1080°F		
CAT#		DESCRIPTION
R P 1382		Silver stain, orange #1
R P 1384		Silver stain, yellow #3
R P 1388		Silver stain, orange intense
R P D292465		Amber stain H465

REUSCHE ENAMELS fire to **1050-1080°F**. These rich transparent colors (unless noted as translucent, which is slightly opaque) can also be mixed to create your own unique palette. Sold in 1oz bottles.

REUSCHE ENAMELS, 1050°-1080°F		
CAT#		DESCRIPTION
R P 1061		Tracing Black #1 - translucent
R P 7106MB		Rouge (ruby red)
R P 7484MB		Dusty Rose - translucent
R P D211513		Ruby 2776
R P D21877		Violet 2B151
R P D221620		Violet 2803
R P D22891		Carmine 2777
R P D231176		Amber L349
R P D25822		Chartreuse
R P D261676		Green V554
R P D26169		Green 0541
R P D26354		Turquoise Green
R P D26762		Turquoise
R P D273359		Transparent Blue D2867
R P D27778		Blue
R P D2862		Canary Yellow - translucent
R P D2873		Bright Red - translucent

REUSCHE LEAD FREE GLASS STAINERS fire to **1150-1400°F**. Reusche's Lead Free colors are recommended by most instructors to prevent inhalation of toxic metals when stippling and shading your matte or highlighting your trace lines. The paint dust created will not contain lead, lessening any toxic exposure. In addition, the lead free finish will not be an issue with food contact. Sold in 1oz bottles.

REUSCHE TRADITIONAL GLASS STAINER'S COLORS, LEAD FREE, 1150°-1400°F		
CAT#		DESCRIPTION
R P 50R001		Clear Glaze
R P 51R001		Snow White
R P 51R002		True White
R P 51R003		Satin Etch
R P 51R500		Flesh Rachel
R P 51R501		Blonde Flesh
R P 51R502		Brunette Flesh
R P 51R503		Reflected Light
R P 51R504		Flesh
R P 52R001		Yellow
R P 52R002		Soft Yellow
R P 53R002		Blue Green
R P 53R003		Dark Green
R P 53R004		Apple Green
R P 53R005		Black Green
R P 54R001		Strong Blue
R P 54R002		Pastel Blue
R P 54R003		Teal Blue
R P 54R005		Dark Blue
R P 55R001		Flesh Red
R P 55R002		Persian Red
R P 55R003		Pompadour Red
R P 55R004		Violet of Iron
R P 55R005		Blood Red
R P 56R001		Umber Brown
R P 56R002	✓	Bistre Brown Light E402
R P 56R003		Umber Brown E403
R P 56R004		Ancient Brown E404
R P 56R005		Ancient Brown E405
R P 56R006		Sepia Brown
R P 56R007	✓	Bistre Brown
R P 56R008		Hair Brown
R P 56R009		Light Hair Brown
R P 56R010		Medium Brown
R P 56R011		Dark Brown
R P 56R012		Meissen Brown
R P 56R013		Red Brown
R P 56R014		Yellow Brown
R P 56R015		Lt. Yellow Brown
R P 56R016		Finishing Brown
R P 56R501		Ivory Tan
R P 57R001	✓	Tracing Black E401
R P 57R002	✓	Tracing Black Best E458
R P 57R003	✓	Tracing Black #61
R P 57R004		Universal Black
R P 57R005	✓	Best Black
R P 57R501		Dark Gray
R P 57R502		Silver Gray
R P 57R503		Pearl Gray
R P 58R001		Rose Pink
R P 59R001		Blue Violet Purple

Which Black To Use:
 Tracing Black #61 (#RP 1063) – has a small amount of brown stain in formula. Nice black with a hint of brown (rather than gray) in background.
 Universal Black (#RP 1065) – quite a bit of brown added in a very opaque color.
 Tracing Black (#RP DE401) – very high stain loading (matte). Very good for multiple firings.
 Tracing Black Best (#RP DE458) – true opaque black, slightly less stain loading than DE401, although still a matte finish. Has a small amount of Alumina Hydrate added to stabilize color if used in mixing or firing on other colors.

Fuse Master

FUSEMASTER TRANSPARENT ENAMELS, 1050°-1175°F		
CAT#	DESCRIPTION	
R P FM01	Lime	
R P FM02	Emerald	
R P FM03	Ice Blue	
R P FM04	Yellow Green	
R P FM05	Olive	
R P FM06	Blue Green	
R P FM07	Teal Blue	
R P FM08	True Blue	
R P FM09	Sky Blue	
R P FM10	Purple	
R P FM11	Beet Red	
R P FM12	Rose	
R P FM13	Dark Rose	
R P FM14	Gray Blue	
R P FM15	Navy	
R P FM16	Cobalt	
R P FM17	Peacock Blue	
R P FM18	Neptune Blue	
R P FM19	Light Blue	
R P FM20	Confederate Gray	
R P FM21	Ginger	
R P FM22	Golden Brown	
R P FM24	Asphalt Gray	
R P FM25	Matte Black	
R P FM26	Chocolate	
R P FM27	Cranberry	
R P FM28	Chinese Red	
R P FM29	Fuschia Pink	
R P FM30	Lt. Terra Cotta	
R P FM31	Brick Red	
R P FM32	Mink Brown	
R P FM33	Gold	
R P FM34	Lemon Yellow	
R P FM35	California Orange	
R P FM36	Amber	
R P FM37	Florida Orange	
R P FM38	Mahogany	
R P FM39	Sea Green	
R P FM40	Plum	
R P FM43	Painter's Black	

Fuse Master

FUSEMASTER LEAD FREE OPAQUE ENAMELS LO FIRE 1200-1300°F		
CAT#	DESCRIPTION	
R P LO 01	Mocha LF, Lo Fire	
R P LO 02	Brown LF, Lo Fire	
R P LO 03	Green LF, Lo Fire	
R P LO 04	Spring Green LF, Lo Fire	
R P LO 05	Black LF, Lo Fire	
R P LO 06	Russet Red LF, Lo Fire	
R P LO 07	Burgundy LF, Lo Fire	
R P LO 08	Lacquer Red LF, Lo Fire	
R P LO 09	Red Passion LF, Lo Fire	
R P LO 10	Peacock Blue LF, Lo Fire	
R P LO 11	Pacific Blue LF, Lo Fire	
R P LO 12	Grey LF, Lo Fire	
R P LO 13	Taupe LF, Lo Fire	
R P LO 14	Aluminum LF, Lo Fire	
R P LO 15	White LF, Lo Fire	
R P LO 16	Turquoise LF, Lo Fire	
R P LO 17	Blue LF, Lo Fire	
R P LO 18	Amber LF, Lo Fire	
R P LO 19	Lemon LF, Lo Fire	
R P LO 20	Canary LF, Lo Fire	
R P LO 21	Mango LF, Lo Fire	
R P LO 22	Orange LF, Lo Fire	
R P LO 23	Cocoa LF, Lo Fire	
R P LO 24	Dark Charcoal LF, Lo Fire	

FUSEMASTER LEAD FREE OPAQUE ENAMELS HI FIRE 1300-1500°F		
CAT#	DESCRIPTION	
R P LF111	Blue Green LF, HiFire	
R P LF112	Green LF, HiFire	
R P LF113	Cobalt Blue LF, HiFire	
R P LF114	Blue LF, HiFire	
R P LF115	Teal LF, HiFire	
R P LF116	Powder Blue LF, HiFire	
R P LF117	Canary Yellow LF, HiFire	
R P LF118	Light Yellow LF, HiFire	
R P LF119	Black LF, HiFire	
R P LF120	Brown LF, HiFire	
R P LF121	Red Brown LF, HiFire	
R P LF122	Tan LF, HiFire	
R P LF123	Sand LF, HiFire	
R P LF124	Red LF, HiFire	
R P LF125	Orange LF, HiFire	
R P LF126	Salmon LF, HiFire	
R P LF127	Soft Violet LF, HiFire	
R P LF128	Bright White LF, HiFire	
R P LF129	White LF, HiFire	
R P LF130	Rust LF, HiFire	
R P LF131	Brick Red LF, HiFire	

COLOROBIA & HANOVIA GLASS METALLICS AND LUSTERS mature at 1275-1325°F. Add elegance and interest to your projects using these specialty "paints". Can be brushed, stamped, sprayed or sponged. Choose from:

COLOROBIA & HANOVIA GLASS METALLICS AND LUSTERS, 1275°-1325°F	
CAT#	DESCRIPTION
R H 05	Colorobbia Bright Platinum, 2 gm
R H 3696	Colorobbia Bright Copper, 2 gm
R H A3753	Colorobbia Glass Gold, 2 gm

HELPFUL HINTS:

- [1] Since solutions (especially the metallics) look very similar before firing, care should be used to maintain adequate labeling of solutions.
- [2] Always work out of a separate container to avoid any possible contamination of the solution in the original bottle.
- [3] Your glass must be clean of any residue (including oil from hands) - use rubbing alcohol or acetone to clean your glass.
- [4] Multiple thin applications are MUCH better than 1 heavy application, which can flake.
- [5] Do NOT fire metallics and lusters until they are adequately dry.
- [6] Kiln must be vented to allow escape of the vapors from the luster solvents which can dull your finish.

GUM ARABIC serves as a binder to help your paint stick to your glass until it is fired when your paint is mixed with water or vinegar. Before the glass is fired you can stipple, matt, scratch and do other removal techniques to the paint which can add details and highlights to your creation. Sold in:







- 1 oz jar (#R P 1795)
- ½ lb pack (#R P 1795-HP)

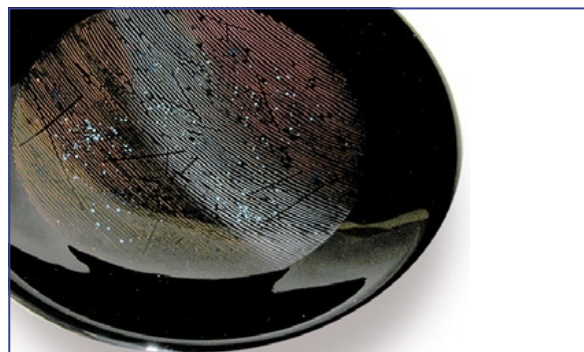
MICA POWDERS - Mica is a bright, metallic powder that can be used to create details and highlights in your warm and hot glass work. Also known as Pixie Dust.

You can paint with Mica Powder. Mix a bit of Mica Powder with Klyr Fire medium and brush on. For bead makers, sprinkle Mica Powder on a graphite marver and roll your hot and soft bead through the powder. Your bead must be hot and soft. Since the mica doesn't melt like glass frit, the bead must be soft to adsorb the powder.

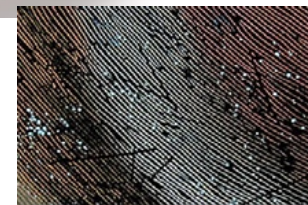
Mica Powders are sold in 1 oz (28 gram) packets.

A one ounce packet will do a dozen or more bowls as shown at right. When used in a thin layer, 1 oz will cover approximately 10 sq ft.

MICA POWDERS		
CAT#	DESCRIPTION	
	FUS-MICA-IG	Inca Gold
	FUS-MICA-SG	Sparkle Gold
	FUS-MICA-SS	Super Sparkle
	FUS-MICA-SB	Super Bronze
	FUS-MICA-BS	Bright Silver
	FUS-MICA-SC	Super Copper
	FUS-MICA-AA	Assortment - 1oz of each



HELPFUL HINT: Patty Gray's bowl at left utilizes different shades of mica powder brushed into the recesses of System 96 black chord opal. The close-up photo below shows the effect achieved. Patty has also added bits of frit and stringer to break up the linear effect of the chord texture. A clear cover is added and the project is taken to full fuse. Mica powder can be used with all COE's from 90 to 104.



GOLD AND SILVER LEAF AND FOIL

Gold and silver leaf and foil can be used to add impressive color and flash to your fused glass pieces. "Leaf" is many times thinner than "foil". All foil and leaf products are sold in "books" of 25 sheets of material. Each leaf or foil is separated by thin paper to make application easier.

NOTE: The GOLD LEAF is "double thick" leaf. While not precisely double the thickness of "standard" leaf, it is heavier and as a result, is easier to work with than other gold leaf products offered elsewhere.

GOLD AND SILVER LEAF AND FOIL			
CAT#	DESCRIPTION	ORGIN	
	FUS-LEAF-22K	Gold Leaf - 85x85mm, Double Thick	GERMANY
	FUS-LEAF-SL	Silver Leaf - 95x95mm	ITALY
	FUS-FOIL-C	Copper Foil - 85x85mm	ITALY
	FUS-FOIL-S	Silver Foil - 85x85mm	GERMANY

HELPFUL HINT: Because LEAF is so thin, for most fusing applications you will generally use three layers of it in your piece. Fewer layers may produce a "translucent" effect and you won't see the full metallic effect. FOIL can be used in a single layer due to the added thickness.

Creative Paradise Molds

Creative Paradise is a major manufacturer of ceramic products and supplies. Their entry into the warm glass field several years ago has brought many new and innovative ideas. These molds are of the highest quality and are reasonably priced.



#GMM 01
Square Slumper
5 x 5 x 2"



#GMM 02
Square Slumper
7 x 7 x 3"



#GMM 05
Rectangle Slumper
8 x 11 x 3"



#GMM 06
Square Slumper
8 3/4 x 8 3/4 x 3 1/2"



#GMM 08
Square Slumper
10 1/2 x 10 1/2 x 4"



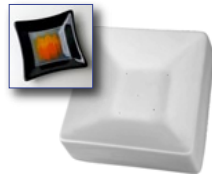
#GMM 111
8" Folded
Square Slumper
9 x 9 x 2 1/4"



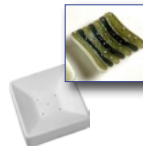
#GMM 215
Swirl Texture Slump
6 1/2 x 6 1/2 x 3"



#GMM 216
Flower Texture
Small Square
5 x 5 x 1 3/4"



#GMM 239
Square Sided Slump
7 x 7 x 2 1/2"
1 1/4" deep drop



#GMM 240
Small Square Sided Slump
3 1/2 x 3 1/2 x 1 1/4"
1/2" deep drop



#GMM 241
Small Sushi
3 1/2 x 3 1/2 x 1 1/2"
3/4" deep drop



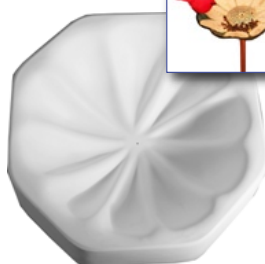
#GMM 04
Round Slumper
8 3/4" Dia x 2 3/4"



#GMM 66
Shallow Bowl
10 1/4" Dia x 2 1/4"



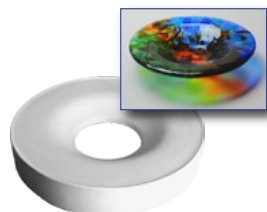
#GMM 134
Large Round Slump Mold
13" Dia



#GMM 144
Flutey Bowl
13 1/2" Dia



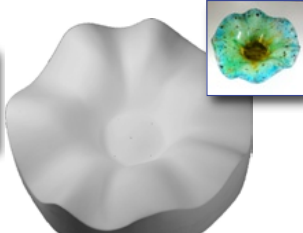
#GMM 249
Round Footed Slump
11 1/2" Dia x 2 1/2"
1 1/4" deep drop



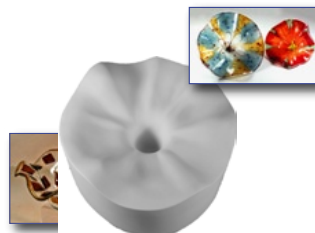
#GMM 230
Large Round
Slump Ring
11 1/4" OD, 4" ID, 1 3/4" Tall



#GMM 232
Small Round
Slump Ring
8 1/4" OD, 2 1/2" ID, 2" Tall



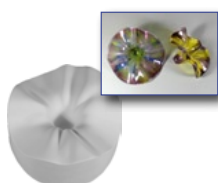
#GMM 192
Large Organic Slump
mold size 14 1/4" Dia x 4 3/4"



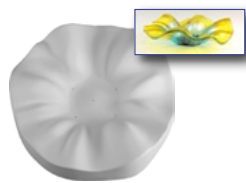
#GMM 195
Large Organic Control Drop
mold size 10 1/4" Dia x 5"



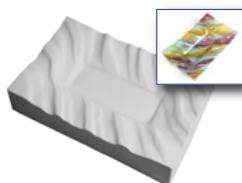
#GMM 88
Organic Slumper
11" Dia x 4 1/2"



#GMM 196
Small Organic Control Drop
mold size 6 1/2" Dia x 3 1/2"
center hole 1 1/4" Dia x 2" deep



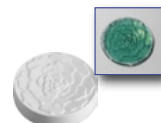
#GMM 204
Small Organic Slump
mold size 9 1/2" Dia x 2 3/4"



#GMM 205
Ridges Slump
mold size 8 1/2 x 13 1/2 x 3"



#GMM 211
Small Organic Slump
mold size 7" Dia x 2 1/2"

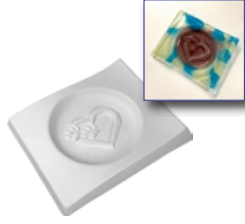


#GMM 237
Succulent Slump
mold size 4 3/4" Dia x ?"

3/6/2020



**#GMM 243
Dog Bowl**
mold size 8¾" Dia x 2¼"
bowl depth 1¼"



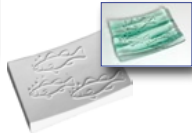
**#GMM 244
Cat Dish**
mold size 5 x 6¼ x 2"
center depth 3/8"



**#GMM 245
Canape Dish**
mold size 5 x 6 x 1¾"
center depth ¼"



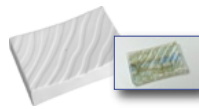
**#GMM 77
Soap Dish**
4¾ x 6¾ x 2¼"



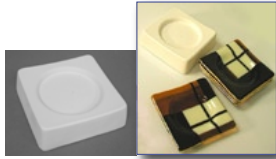
**#GMM 217
Fish Texture
Soap Dish**
4 x 6 x 1¼"



**#GMM 219
Olive Texture
Soap Dish**
4 x 6 x 1¼"



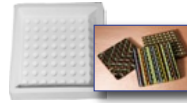
**#GMM 222
Wave Texture
Soap Dish**
4 x 6 x 1¼"



**#GMM 44
Square Coaster**
5½ x 5½ x 1¾"



**#GMM 129
Weave Coaster Dam**
casting 4 x 4 x ¾"
mold size 5 x 5 x 1"



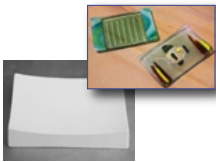
**#GMM 135
Dot Coaster Mold**
casting 4 x 4 x ¾"
mold size 5 x 5 x 1"



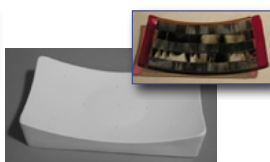
**#GMM 26
Heart Slump**
6 x 6¾ x 1½"



**#GMM 27
Heart Slump**
8 x 9 x 1½"



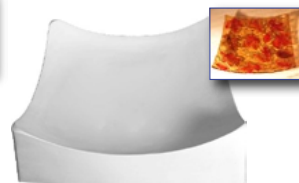
**#GMM 133
Small Sushi Plate**
4 x 6 x 1¼"



**#GMM 19
Sushi Tray**
6 x 11¼ x 3"



**#GMM 85
Large Sushi Tray**
7½ x 12¾ x 3½"



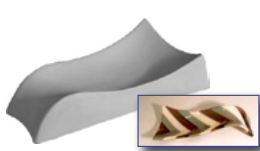
**#GMM 132
XL Sushi Mold**
13½ x 13½"



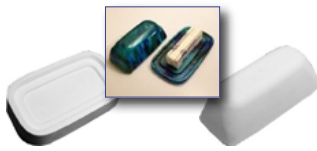
**#GMM 191
Large S Curve Mold**
mold size 7¾ x 13½ x 3"



**#GMM 223
Fish Dish**
7¾ x 11¼ x 2"



#GMM 127
Modern Spoon Rest
10 x 5¼ x 2"



#GMF 118
Butter Dish Base
casting 6 x 2½"
mold size 7 x 4½"



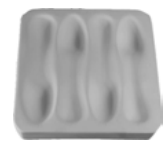
#GMM 148
Butter Dish Drape
mold size 6 x 3"



#GMM 179
Spoon Slump
8 x 2¾ x 1¼"



#GMM 182
Demitasse 2
Spoon Slump
5¾ x 4½ x 1¼"



#GMM 185
4 Spoon Slump
8¾ x 8½ x 1¼"



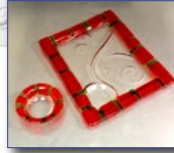
#GMM 45
Rectangle Tray
7 x 13 x 1"



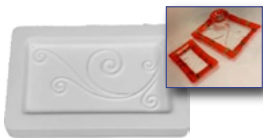
#GMM 107
Spiral Appetiser
10¼ x 12½ x 1½"



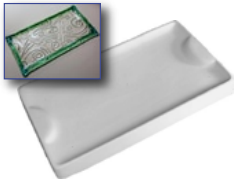
#GMM 108
Dip Slumper
5¼" dia x 2"



#GMM 165
Tri-Dip Tray
9 x 19 x 2½"



#GMM 115
Spiral Tray
6½ x 10¼"



#GMM 97
Tray with Handles
7 x 13"



#GMM 124
Bon Appetit Tray
7½ x 13½"



#GMM 167
Snowman Tray
7½ x 13½ x 1½"



#GMM 168
Harvest Tray
7½ x 13½ x 1½"

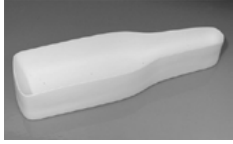


#GMM 171
3 Kings Tray
7½ x 13½ x 1½"

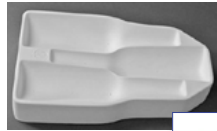


#GMM 176
Pansy Tray
7¾ x 13¾ x 1½"

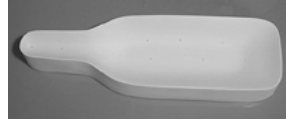
BOTTLE SLUMPER:



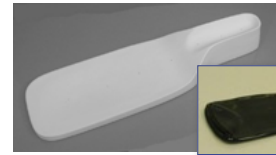
#GMM 37
12oz Bottle
Slumper
3¼ x 12½ x 2¼"



#GMM 99
12oz Three
Bottle Slumper
7½ x 13 x 2"



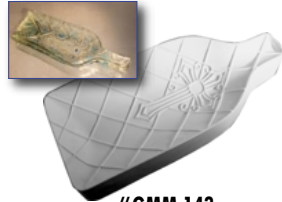
#GMM 17
750ml Bottle
Slumper
5 x 16¼ x 2"



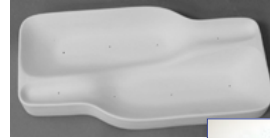
#GMM 38
750ml Flat
Bottle Slumper
5¼ x 16½ x 2½"



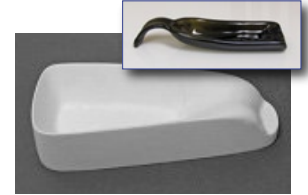
#GMM 128
12 or 16oz Swirl
Texture
Bottle Slumper
4¼ x 13 x 2"



#GMM 143
Cross Bottle
Slumper
6 x 13¼ x 2"



#GMM 65
750ml Double
Bottle Slumper
8 x 16 x 2"



#GMM 67
750ml Arch Neck
Bottle Slumper
5½ x 13½ x 3"



#GMM 170
Dragonfly Bottle
Slumper
5½ x 13¼ x 2"



#GMM 145
Short Plain Bottle
Slumper
5¾ x 13¼ x 2"



#GMM 92
750ml Textured
Bottle Slumper
5 x 16½ x 2"



#GMM 120
750ml or 1.5 liter
Pineapple
Welcome Bottle
Slumper
6¾ x 17 x 3"



#GMM 121
750ml or 1.5 liter
Branch
Texture Bottle
Slumper
6¾ x 17½ x 3"



#GMM 159
Tree of Life Bottle
Slumper
5¾ x 13¼ x 2"



#GMM 213
Sugar Skull Bottle
Slumper
6 x 13¼ x 2¼"



#GMM 122
750ml or 1.5 liter
Christmas Bottle
Slumper
6¾ x 17½ x 3"



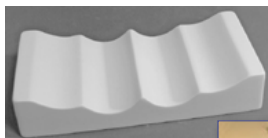
#GMM 177
750ml or 1.5 liter
5:00 Somewhere
Bottle Slumper
6½ x 17½ x 2¾"



#GMM 224
Bee Bottle
Slumper
6¾ x 13¾ x 2¼"



#GMM 228
Olive Bottle
Slumper
6½ x 13¾ x 2¼"



#GMM 71
Wine Rack
6½ x 15 x 3"

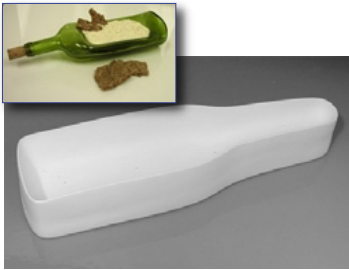


#GMM 246
750ml or 1.5 liter
Flag Bottle
Slumper
6½ x 13¾ x 2¼"



#GMM 238
750ml or 1.5 liter
Star of David
Slumper
6¾ x 13¾ x 2½"





#GMM 29
1 liter Bottle
Slumper
6 x 17¼ x 3¼"



#GMM 86
1 liter Arch Neck
Bottle Slumper
6 x 17 x 3¼"



#GMM 161
Neck Only
Bottle Slumper
4½ x 6½ x 1½"

HELPFUL HINT: Use the GMM 161 with a texture tile to create a raised handle textured bottle or it can be used on kiln shelf paper on a kiln shelf to create a plain raised neck bottle (bottom photo). The raised neck textured bottle pictured was formed using the GMM 161 Neck Only Bottle Slump on GMM DT12 Cherry Blossom Glass Texture Tile.



#GMM 100
1.75 liter Divided
Bottle Slumper
6 x 17¼ x 3¼"



#GMM 101
1.75 liter Gentle
Curve Bottle Slumper
7 x 17½ x 3"

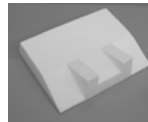


#GMM 102
1.75 liter Swirl Texture
Bottle Slumper
5½ x 17 x 3¼"

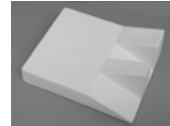


#GMM 197
1.75 liter
Drop Center Bottle Slumper
mold size 6¾ x 17½ x 2¾"
center oval 2¾ x 6"

STAND UPS:



#GMM 35
Stand Up #1
6¼ x 8 x 2¼"



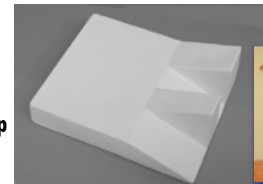
#GMM 39
Stand Up #2
7 x 8½ x 2¼"



#GMM 40
Small Stand Up
3¾ x 4¾ x 1¾"



#GMM 41
Large Stand Up
8½ x 12 x 4¼"



Find more great ideas in Creative Paradise's book ... **Stand-Ups (#1233)** This book includes patterns and instructions as well as color pictures for 20 wonderful Stand-Up figures in this 28 page book! Includes tips and hints for creating your own unique Stand-Up designs!



#GMM 81
Bend It
5½ x 8½ x 4½"



#GMM 83
Baby Bend It
3½ x 4¼ x 2¾"

DROP OUT MOLDS:



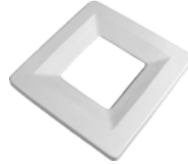
#GMM 14
Square Drop Out
(rim is 1-1/8" wide")
6 1/4 square x 1/4"



#GMM 15
Square Drop Out
(rim is 1 1/2" wide")
8 1/4 square x 1/2"



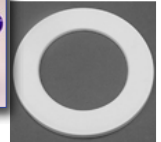
#GMM 16
Square Drop Out
(rim is 1-7/8" wide")
10 1/4 square x 1/4"



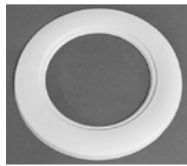
#GMM 233
Square Shelf Ring
(rim is 2 3/4" wide")
10 square x ?"



#GMM 62
Round Drop Out
(rim is 1" wide")
6 circle x 1/2"



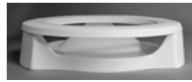
#GMM 63
Round Drop Out
(rim is 1 1/2" wide")
8 circle x 1/2"



#GMM 87
10 1/2 Round Plate Ring
(rim is 1-1/2" wide")



#GMM 90
Foot Drape for GMM 87
11" Dia x 2"



#GMM 234
Small Oval Shelf Ring
(rim is ?" wide")
5 x 6 x ?"



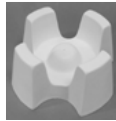
#GMM 198
Small Drop Tile
6 x 6"
2 1/2" dia hole



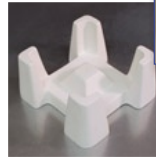
#GMM 199
Large Drop Tile
8 x 8"
4" dia hole



#GMM 94
6 1/4" Round Plate Ring
(rim is 1-1/2" wide")



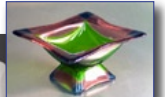
#GMM 95
Foot Drape for GMM 94
7 1/2" Dia x 3/4"



#GMM 106
Foot Drape
use with GMM 14
7" square x 3 1/2"



#GMM 104
Foot Drape
use with GMM 15
9" square x 4 1/4"



#GMM 47
Flower Slumper
8 3/4" Dia x 3/4" Tall



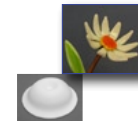
#GMM 48
Ripple Draper
6 1/2" Dia x 2 3/4" Tall



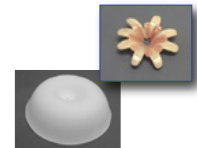
Top of Iris uses the #GMM 50 mold and the bottom petals are made with the #GMM 58 mold.



#GMM 51
Slumper w/
Hump
6 1/2" Dia x 1 1/2" Tall



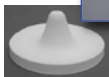
#GMM 52
Small Hump w/
Drop
3 3/4" Dia x 1 1/2" Tall



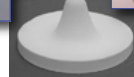
#GMM 53
Large Hump w/
Drop
6 1/4" Dia x 2 1/4" Tall



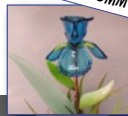
#GMM 49
Small Cone Form
3 1/2" Dia x 1 1/2" Tall



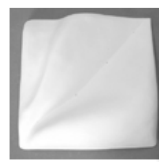
#GMM 57
Med Cone Form
4 3/4" Dia x 2 1/2" Tall



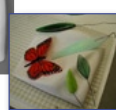
#GMM 50
Large Cone Form
7 1/4" Dia x 2 3/4" Tall



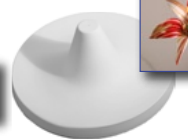
#GMM 58
Iris Bottom
Draper
6" Dia x 2 1/2" Tall



#GMM 59
Leaf Draper
9 1/2" Sq x 3" Tall

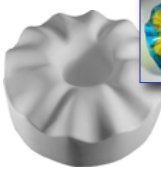




#GMM 61
Drape & Slump
Mold
4" Dia x 1" Tall



#GMM 139
Extra Large Cone
Form
11" Dia x 4" Tall








#GMM 187 Ruffled Control Drop Flower
11" Dia x 4" Tall
3 1/2" center drop


#GMM 193A Petal Attachments - 2 small + 1 large
1 @ 3 1/4 x 4 1/2 x 2"
2 @ 3 x 3 1/2 x 1 1/2"

#GMM 193B Petal Attachments - 3 large
3 @ 3 1/4 x 4 1/2 x 2"

Creative Paradise Inc.
GM193 A = Two Thin Petal Shapers and One Wide Petal Shaper
GM193 B = Three Wide Petal Shapers
Treat the Petal Shapers and GM187 with a quality glass separator. Place the Petal Shapers on the rim of the GM187 Ruffled Control Flower Drop to create a more organic shape to glass formed on the GM187. The Petal Shapers were designed to fit the rim of the GM187 and not move during the firing process.



two thin and one wide Petal Shaper on rim of GM187



#GMM 206 Dome Cap
6 1/4" Dia x 2 1/4" Tall



#GMM 207 Flat Top Cap
6 3/4" Dia x 2 1/2" Tall



#GMM 209 Bell Mushroom
5 1/2" Dia x 4 1/2" Tall




#GMM 212 Ruffle Dome
7 1/4" Dia x 2 1/4" Tall



#GMM 220 XL Dome
10 3/4" Dia x 3" Tall



#GMM 225 Small Ruffle Drape
4 1/2" Dia x 1 1/2" Tall



#GMM 140 Fan Flower Form
6 1/2" Dia x 2 1/2" Tall

FAN FLOWER FORMER SPINKIT (#GMM 140K) is used to make the #GMM140 Spin Wheel. The kit contains enough hardware for five spin wheels. Includes:

- sleeve bearing (1/4" x 5/16" x 3/4")
- threaded spacer (#8 - 32 female thread 1/2" long x 1/4" OD)
- flat head machine screw (#8 - 1.5" long)
- 2 rubber washers (5/16" ID x 3/4" OD)
- metal flat washer (#8 - 1/2" OD)




#GMM 226 Small Center Drop Drape
3 1/4" Dia x 1 1/2" Tall



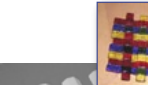
#GMM 227 Small 5 Ridge Drape
3" Dia x 2 1/4" Tall



#GMM 231 Fluted Mushroom Drape
5" Dia x 2 3/4" Tall



#GMM 07 Incense Holder
3 x 1 1/4 x 1 3/4"



#GMM 24 Weave Bars
1 1/2 x 6 x 1/2"
set of 4




#GMM 72 Mask
5 x 8 x 2 1/4"



#GMM 214 Skull Mask
5 1/2 x 8 1/4 x 1 3/4"



#GMF 112 Standard Toggle Switchplate
4 x 5 3/4 x 1 1/2"



#GMM 76 Lampshade
11 1/4" Dia x 3 3/4" Tall



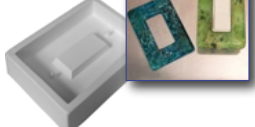
#GMM 28 Large Cylinder Drape
6 x 9 x 3 1/2"



#GMM 130 Medium Ripple Drape
10" Dia x 3" Tall



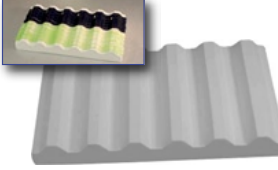
#GMM 149 Round Drape
4 1/4" Dia x 2 3/4" Tall



#GMM 119 Rocker Switch Plate
5 x 3 1/2" Casting
5 1/2 x 4" Mold



#GMM 74 Dam Mold
3 3/4 x 7 1/2 x 2"



#GMM 114 Weave Bar Mold
7 x 13"



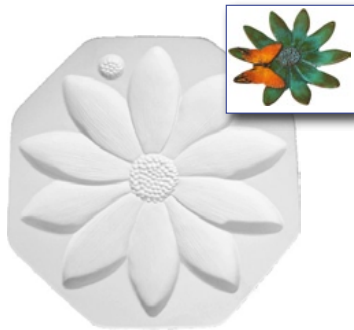
#GMM 250 Large Dome Paperweight
7 1/4" Dia x 3" Tall
casting up to 2" deep



#GMM 250 Medium Dome Paperweight
5 3/4" Dia x 3" Tall
casting up to 2" deep



**#GMF 103
Daisy**
casting 7" dia
mold size 8" dia x 1½"



**#GMF 104
Sunflower**
casting 10" dia
mold size 11¼" dia x 1½"



**#GMF 110
Poppy**
8 x 1¼"



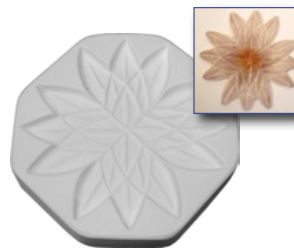
**#GMF 113
Large Poppy**
11½ x 1¼"



**#GMF 120
Poinsettia**
castings 8" dia
mold size 10 dia x 1½"



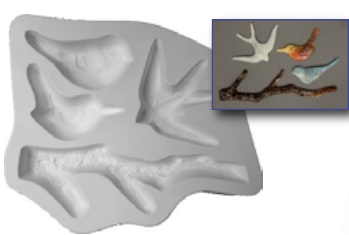
**#GMF 121
Lily Pad**
castings 10" dia
mold size 11¼ dia x 1½"



**#GMF 122
Lotus**
castings 8" dia
mold size 9¼ dia x 1¼"



**#GMF 141
Patty Gray Flower**
mold size 9½" dia



**#GMF 80
Birds & Twig**
birds castings 3¼"
twig casting 7¼"
mold size 8 x 8½ x 1½"



**#GMF 102
Leaf Mold**
leaf castings 5 & 6"
mold size 10 x 3¼ x 1½"

PUMP KIT (#GMM PUMP) has the parts used to construct the Water Lily Fountain as well as the Daisy Fountain. Includes:

- 50 GPH Indoor mini submersible pump (2 wire plug)
- 2.5" Brass Lamp Nipple
- 5pcs Brass Hex Nuts
- 4pcs 3/4" White Rubber Washers
- 1 x 1" White Rubber Washer
- 3" of 7/16" OD x 5/16 ID Vinyl tube



[Click here for the Water Lily Fountain tutorial.](#)



**#GMF 107
Butterfly**
casting 5 x 6"
mold size 6 x 7"



**#GMF 43
3 Small Dragonflies**
castings 2¾ x 4", 2 x 3½"
& 2 x 3"
mold size 5½ x 7 x 1¼"



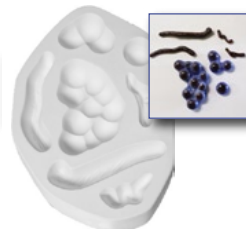
**#GMF 114
Butterflies**
castings 1½ x 2¼"
& 2¼ x 3½"
mold size 4½ x 5½ x 1½"



**#GMF 115
Dragonflies**
castings 2 x 2½"
& 3 x 4"
mold size 5 x 6¾ x 1½"



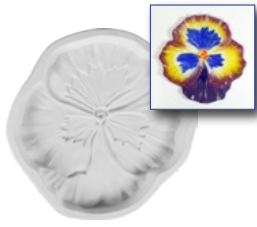
**#GMF 116
Grape Leaves**
castings 3¼ x 4"
mold size 5 x 9 x 1½"



**#GMF 117
Grape & Leaves**
5¼ x 7½ x 1¼"



**#GMF 140
Fossil**
mold size 7 x 9¼ x 1½"



#GMF 142
Pansy Mold
casting 7¼" dia
mold size 8" dia x 1½"



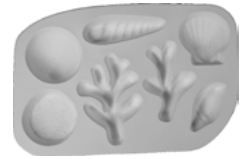
#GMF 145
Garden Bugs
castings ¼" up to 2½"
mold size 6¼ x 6½ x 1½"



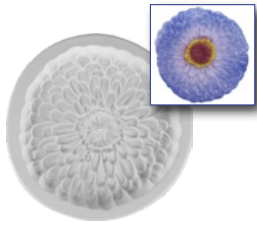
#GMF 146
Koi Mold
castings 5" long
mold size 5¾ x 8½ x 1½"



#GMF 149
Starfish & Seahorse
castings 3" up to 4½" long
mold size 8 x 8¾ x 1½"



#GMF 150
Shells & Coral
castings 2¼" up to 3¾" long
mold size 6½ x 10 x 1¾"



#GMF 153
Zinnia Mold
casting 6¼" dia
mold size 7½" dia x 1½"
Fill weight 260g



#GMF 154
Hibiscus Mold
casting 6½" dia
mold size 7½ x 8" x 1½"
Fill weight 290g



#GMF 155
Ornate Cross Mold
casting 3¾ x 5"
mold size 4¾ x 5¾" x 1¼"
Fill weight 71g



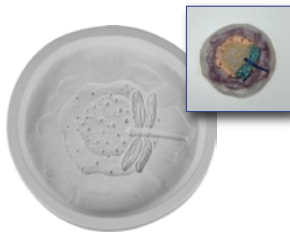
#GMF 156
Mushroom
casting 6" dia
mold size 8" dia x 1½"
Fill weight 250g



#GMF 157
Large Cross
casting 7¼ x 10¼"
mold size 9 x 12" x 1¾"
Fill weight 475g



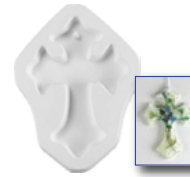
#GMF 158
2 Small Zinnias Mold
casting 3½ & 3¾" dia
mold size 5¼ x 9¾ x 1½"
Fill weight 85 & 100g



#GMF 159
Mushroom Cap with Dragonfly
casting 7" dia
mold size 8½" dia x 2"
Fill weight 400g



#GMF 160
Medium Cross
casting 6¼ x 8¾"
mold size 7½ x 10 x 1½"



#GMF 161
Small Cross
casting 3½ x 5"
mold size 5¼ x 6¼ x 1½"



#GMF 162
Leaves and Acorn
casting 1¼ & 4½"
mold size 8¼ x 10¼ x 1½"



#GMF 163
Christmas Pickle Mold
casting 1½ & 4"
mold size 3 x 5¼ x 1½"
Fill weight ?



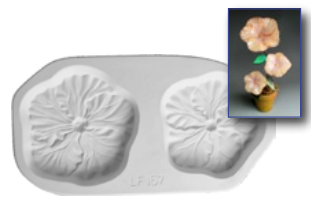
#GMF 164
Star Ornament Mold
casting 4 x 6" & 4 x 4¼"
mold size 7½ x 9¼ x 1½"
Fill weight 62 & 68g



#GMF 165
Log Slice Ornament
casting 3 x 3½ & 3" dia
mold size 5 x 8¼ x 1½"
Fill weight 63 & 51g



#GMF 166
Poinsettia Ornaments
casting 4x5", 3½x4" & 3x3½"
mold size 8¾ x 9¾ x 1½"
Fill weight 55, 35 & 30g



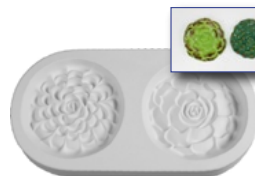
#GMF 167
2 Small Hibiscus Mold
casting 4½ dia & 4" dia
mold size 5¾ x 10¾ x 1¾"
Fill weight 78 & 72g



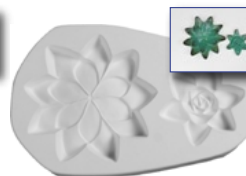
#GMF 168
Roses & Leaves Mold
casting 2 - 2½" long
mold size 6 x 8½ x 1½"



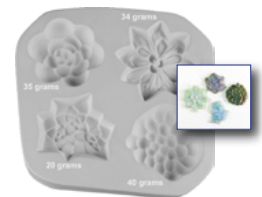
#GMF 169
2 Small Mushroom Caps
casting 4" dia & 3½" dia
mold size 5½ x 9¾ x 1½"
Fill weight 85 & 70g



#GMF 171
2 Succulents
casting 4" dia & 3¾" dia
mold size 5 x 10 x 1½"



#GMF 172
Double Succulent Mold
casting 5" dia & 3¼" dia
mold size 6 x 10 x 1½"



#GMF 173
Small Succulents
castings 2½" to 3" dia
mold size 7½ x 8 x 1½"
Fill weight 20, 34, 35 & 40g



#GMF 174
Icicle Angel
casting 4 x 7 1/2"
mold size 5 x 8 1/2 x 1 1/2"
Fill weight 70g



#GMF 175
Icicle Angel
casting 2 x 8"
mold size 3-3/8 x 9-3/8 x 1 3/4"



#GMF 176
Fairy Frost Icicle
casting 5 x 9 1/4"
mold size 6 x 10 x 1 1/2"
Fill weight 120g



#GMF 177
Small & Medium Snowmen
casting 2 x 5 1/2" & 2 3/4 x 7 1/4"
mold size 4 3/4 x 8 3/4 x 1 1/2"
Fill weight 40 & 60g



#GMF 178
Santa Icicle
casting 1 3/4 x 7 1/2"
mold size 3 3/4 x 9 x 1 3/4"
Fill weight 68g



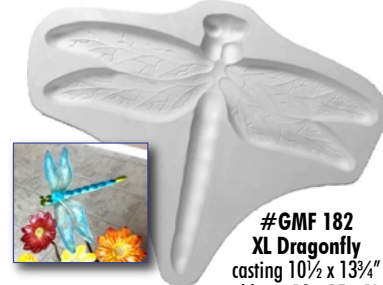
#GMF 179
Celestial Frit Cast
casting 1 1/2 to 3"
mold size 6 1/2 x 8 x 1 1/2"
Fill weights Lg Sun 42g, Sm Sun 12g,
Lg Moon 20g, Sm Moon 8g, Star 3g



#GMF 180
Medium River Rocks
casting 1 1/2 to 1 3/4"
mold size 5 3/4 x 6 1/2 x 1 1/2"
Fill weight 60g



#GMF 181
Small River Rocks
casting 3/4 to 1 1/2"
mold size 5 3/4 x 6 1/2 x 1 1/2"
Fill weight 60g



#GMF 182
XL Dragonfly
casting 10 1/2 x 13 3/4"
mold size 12 x 15 x 1 1/2"
Fill weight 415g



#GMF 183
Ivy Leaves
casting 1 1/2 to 3 3/4"
mold size 7 3/4 x 8 1/2 x 1 1/4"
Fill weights Lg 20g, Med 18g, Sm 11g



#GMF 184
Large River Rocks
casting 2 1/4 x 3 1/2" & 2 1/2 x 3 1/2"
mold size 5 1/4 x 7 1/4 x 2"
Fill weights 110g & 150g



#GMF 185
XL Butterfly
casting 8 1/4 x 8 1/2"
mold size 9 x 10 1/4 x 1 3/4"
Fill weight 415g



#GMF 186
Small Daisies and Leaves
casting 2 to 3 1/2"
mold size 6 1/2 x 8"
Fill weights leaves 15g, daisies 30 & 35g



#GMF 187
Holy Feather
casting 4 3/4"L
mold size 3 x 6 1/4"
Fill weight 35g



#GMF 188
Unicorn Icicle
casting 3 x 8 1/4"
mold size 4 1/4 x 9 3/4 x 1 1/2"
Fill weight 65g



#GMF 189
Unicorn Frit Cast Mold
casting 3 1/4 x 4 1/4"
mold size 4 3/4 x 5 3/4 x 1 1/2"

Use with #GMM 40
mold to create
standing unicorns.



#GMF 190
Penguin Icicle
casting 2 1/4 x 7"
mold size 3 3/4 x 8 1/2 x 1 1/2"
Fill weight 52g



#GMF 191
Deer Icicle
casting 2 1/4 x 9 1/4"
mold size 3 3/4 x 10 1/2 x 2"
Fill weight 100g



#GMF 192
Cat Icicle
casting 1 3/4 x 8 1/2"
mold size 3 x 9 x 2"
Fill weight 80g



#GMF 193
Deer Frit Cast
casting 3 1/2 x 4 1/2"
mold size 5 x 6 x 1 1/2"
Fill weight 50g

Use with #GMM 40
mold to create
standing deer.



#GMF 194
Three Flakes Icicle
casting 2 x 5 1/2, 2 1/2 x 6 1/4 & 2 1/2 x 6 1/4"
mold size 7 1/2 x 9 x 1 1/2"
Fill weight 40, 55 & 60g



#GMF 195
Feather Trio
casting 3/4 x 2 1/4 & 1 x 3 1/2"
mold size 5 x 5 1/4 x 1 1/2"
Fill weight 8, 8 & 15g



#GMF 196
Holy Paw
casting 1 1/2 x 2"
mold size 3 x 3 1/2 x 1 1/2"
Fill weight 15g

More Creative Paradise Molds coming soon!

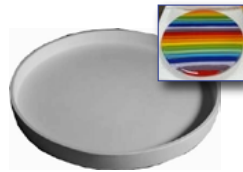
PATTY GRAY SIGNATURE MOLDS:



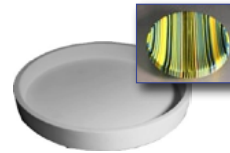
#GMM 125
11½" Large Round Slumper
11½ x 3"



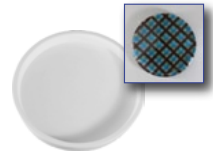
#GMM 162
12" Round Dam Mold
mold size 12¾ dia x ¾"



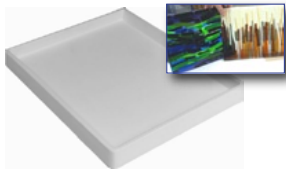
#GMM 126
10½" Round Dam Mold
10½ x 1"



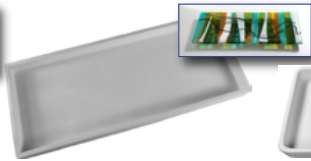
#GMM 131
8" Round Dam Mold
casting 8 dia x ¾"
mold size 8¾ dia x 1¼"



#GMM 183
6" Round Dam Mold
casting 6 dia x ?"
mold size 6½ dia x ?"



#GMM 110
8x10" Dam Mold
8 x 10 x ½"



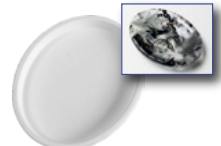
#GMM 178
Rectangle Dam Mold
casting 5 x 12½ x ?"
mold size 5¾ x 13¼ x ?"



#GMM 242
Dam Mold
casting 4½ x 10½ x 5/8"
mold size 5 x 10¾ x 1"



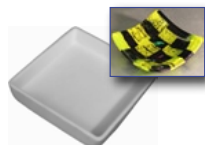
#GMM 164
Deep Dam Mold
casting 7¼ x 3 x 2"
mold size 7¾ x 3½ x 2¼"



#GMM 236
Small Oval Dam Mold
casting 5 x 6 x ?"
mold size 5¼ x 6¼ x ?"



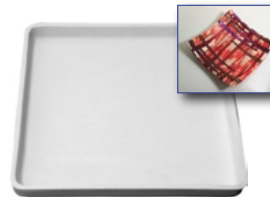
#GMM 180
4" Square Dam Mold
casting 4 x 4 x ?"
mold size 4¾ x 4¾ x ?"



#GMM 123
6" Dam Mold
casting 6 x 6 x ?"
mold size ? x ? x ?"



#GMM 141
8" Square Dam Mold
casting 8 x 8 x ¾"
mold size 9 x 9 x 1"



#GMM 157
10" Square Dam Mold
casting 10 x 10 x 5/8"
mold size 10¾ x 10¾ x 1"



#GMM 146
12" Square Dam Mold
casting 12 x 12 x 5/8"
mold size 12¾ x 12¾ x 1"

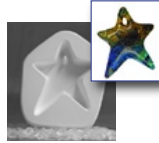
3/6/2020



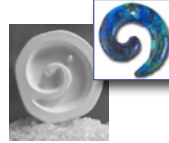
#GMF 10
Barrette
casting 2 3/4 x 5 1/4 x 1 1/2"



#GMF 62
Holy Heart
casting 1 1/4"
mold size 4 x 3 1/2 x 1 1/4"



#GMF 65
Holy Star
casting 2 1/2 x 3 1/4"
mold size 3 3/4 x 4 1/2 x 1 1/2"



#GMF 66
Holy Journey
casting 2 1/2 x 2 3/4"
mold size 3 1/2 x 3 3/4 x 1 1/2"



#GMF 67
Holy Butterfly
casting 2 1/2 x 2 3/4"
mold size 3 1/2 x 3 3/4 x 1 1/2"



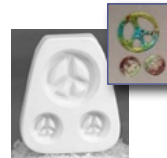
#GMF 68
Holy Heart
casting 2 x 2 1/4"
mold size 3 x 3 1/4 x 1 1/2"



#GMF 73
Holy Heart Trio
1 heart 2"
2 hearts 1 1/2" each
mold size 4 x 4 1/4 x 1 1/2"



#GMF 74
Holy Oval Trio
1 oval 1 x 2"
2 ovals 3/4 x 1" each
mold size 3 1/4 x 3 3/4 x 1 1/2"



#GMF 77
Holy Peace Trio
casting 2 1/4 & 1 1/4"
mold size 4 x 4 3/4 x 1 1/2"



#GMF 78
Petite Holy Cross
casting 1 1/4 & 1 3/4"
mold size 2 3/4 x 3 1/4"



#GMF 92
Cameo 1 Pendant
casting 2 x 1 1/4"
mold size 2 3/4 x 3 1/4 x 1 1/2"
Fill weight 24g



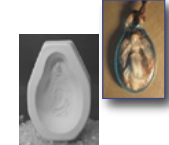
#GMF 93
Holy Dragonfly Cameo
casting 1 3/4 x 2 1/2"
mold size 3 x 3 1/2 x 1 1/2"
Fill weight 28g



#GMF 94
Tree of Life Cameo
casting 2 x 2 1/2"
mold size 3 x 3 1/2 x 1 1/2"
Fill weight 30g



#GMF 96
Cameo 2
casting 1 3/4 x 2 1/4"
mold size 2 3/4 x 3 1/4 x 1 1/2"



#GMF 98
Angel Cameo
casting 1 3/4 x 3"
mold size 2 1/2 x 4 x 1 1/2"



#GMF 105
Shamrock
casting 2 1/4 x 2 1/4"
mold size 3 1/4 x 3 1/4 x 1 1/4"



#GMF 131
Clover Pendant
casting 1 1/2 x 1 1/2"
mold size 2 3/4 x 2 3/4"



#GMF 132
Holy Tears Quad
casting 1 1/4 x 2"
mold size 5 x 6 x 1"



#GMF 133
Holy Heart Quad
casting 1 3/4 x 2 1/4"
mold size 5 1/4 x 5 1/2 x 1"



#GMF 134
Holy Stars Quad
casting 2 x 2 1/2"
mold size 5 1/2 x 6 x 1 1/4"



#GMF 124
Castacab Hearts
each casting 1 3/4 x 2"
mold size 3 1/4 x 5 3/4"



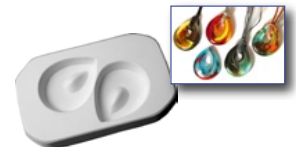
#GMF 125
Castacab Circles
each casting 2" dia
mold size 3 1/4 x 5 1/2"



#GMF 126
Castacab Squares
each casting 1 1/2 x 1 1/2"
mold size 3 1/4 x 5 1/4"



#GMF 127
Castacab Tears
each casting 1 1/4 x 3"
mold size 3 1/4 x 5 1/2"



#GMF 128
Castacab Holy Tears
each casting 1 3/4 x 2 1/4"
mold size 3 1/4 x 5 1/2"



#GMF 129
Castacab Holy Trilliant
each casting 1 3/4 x 1 3/4"
mold size 3 1/4 x 5 1/4"



#GMF 130
Castacab Holy Circles
each casting 1 3/4" dia
mold size 3 1/2 x 5 1/2"



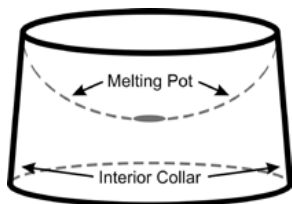
#GMM 151
Scrap Master Castacab
mold size 4 1/2 x 7 x 3 1/2" Tall

HELPFUL HINT: Use the GMM 151 with the Castacab molds to create your own unique swirls of colorful jewelry



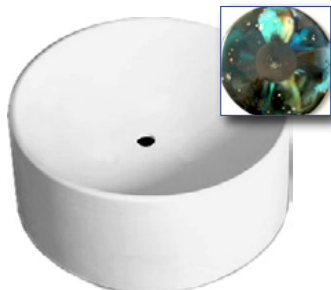
(1) Fill the GMM 151 mold with scraps of fusible glass. (2) Place over a Castacab mold (GMF 124 shown). Follow the Castacab fusing instructions (click here) to create your own unique (3) pendants full of color!

SCRAP MASTER MOLDS:



Several innovations make Scrap Master molds the easiest, most sensible melting pot designs available:

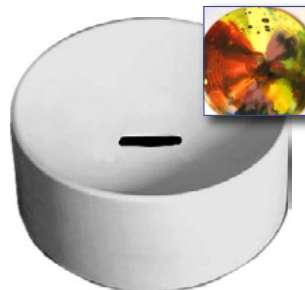
- The rounded self-elevated, melting pot area allows for maximum glass evacuation and eliminates the need for added kiln furniture.
- The smooth, round interior of the elevating collar creates a convenient dam for the melting glass, minimizing the need for cold-working the dammed pot melt glass.



#GMM 152
Single Hole Scrap Master
mold size 10" OD x 4¼" Tall



#GMM 153
Five Hole Scrap Master
mold size 10" OD x 4¼" Tall



#GMM 154
Slit Hole Scrap Master
mold size 10" OD x 4¼" Tall



#GMM 158
Multi Mini Scrap Master
mold size 7¾ x 11¼ x 3½"

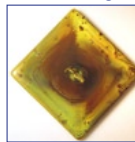
HELPFUL HINT: Use the Scrap Masters to easily and sensibly create your own pot melt designs. Their unique design has the following benefits:

- Rounded self-elevated, melting pot area allows for maximum glass evacuation and eliminates the need for added kiln furniture
- Smooth, round interior of the inside of the elevating collar creates a convenient dam for the melting glass, minimizing the need for cold-working the dammed pot melt glass

Fill the Scrap Master mold with approx. 44 oz of fusible glass scraps to create an approx. 9¾" dia x 5/16" thick glass patty. You can then use the resulting glass patty in a round slumping mold to create a uniquely colored bowl.

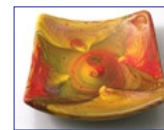


Molds used:
#GMM154 & GMM125



Molds used:
#GMM152 & GMM123

Or place the Scrap Master on top of a Dam Mold to create a square glass patty or to make pattern bars.

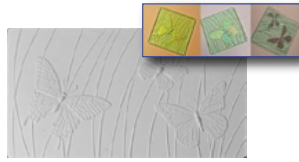


Molds used: #GMM153,
GMM141 & GMM06

TEXTURE TILES:



#GMM DT03
Koi
7 1/4 x 13 1/4 x 1/2"



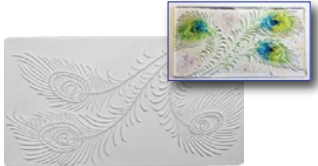
#GMM DT04
Butterfly
7 1/4 x 13 1/4 x 1/2"



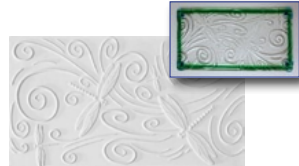
#GMM DT05
Bon Appétit
7 1/4 x 13 1/4 x 1/2"



#GMM DT06
Holly
7 1/4 x 13 1/4 x 1/2"



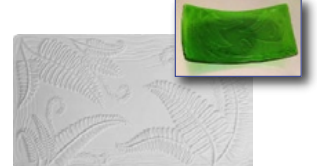
#GMM DT08
Peacock
7 1/4 x 13 1/4 x 1/2"



#GMM DT09
Dragonfly
7 1/4 x 13 1/4 x 1/2"



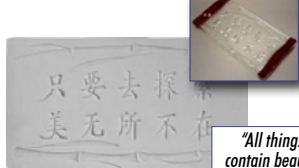
#GMM DT10
Tortoise
7 1/4 x 13 1/4 x 1/2"



#GMM DT11
Fern
7 1/4 x 13 1/4 x 1/2"



#GMM DT12
Cherry Blossom
7 1/4 x 13 1/4 x 1/2"



#GMM DT13
Oriental
7 1/4 x 13 1/4 x 1/2"

"All things
contain beauty,
but not everyone
sees it."



#GMM DT14
Art Nouveau
7 1/4 x 13 1/4 x 1/2"



#GMM DT15
Pineapple Welcome
7 1/4 x 13 1/4 x 1/2"



#GMM DT16
Fleur De Lis
7 1/4 x 13 1/4 x 1/2"



#GMM DT17
Crosses
7 1/4 x 13 1/4 x 1/2"



#GMM DT18
Tree of Life
12 x 12 x 1/2"



#GMM DT19
Peacock
11 dia x 1/2"



#GMM DT20
Peony
11 dia x 1/2"



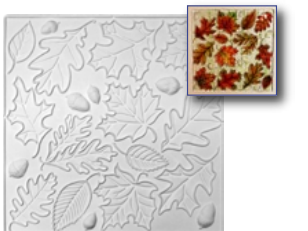
#GMM DT21
Poinsettia
11 dia x 1/2"



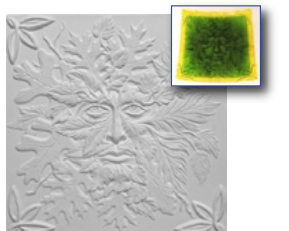
#GMM DT22
Koi Pond
12 x 12 x 1/2"



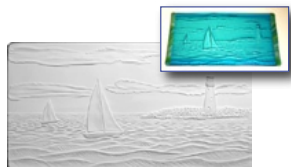
#GMM DT23
Sea Life
12 x 12 x 1/2"



#GMM DT24
Leaves
12 x 12 x 1/2"



#GMM DT25
Greenman
12 x 12 x 1/2"

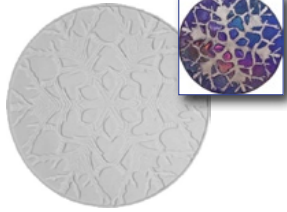


#GMM DT26
Sailing
7 1/4 x 13 1/4 x 1/2"

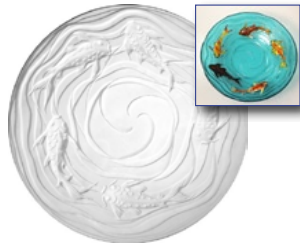


#GMM DT27
Snow Flake
7 1/4 x 13 1/4 x 1/2"

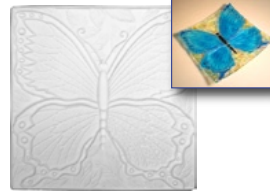
MORE TEXTURE TILES:



#GMM DT28
Snowflake
11 dia x 1/2"



#GMM DT29
Koi Waves
13 dia x 1/2"



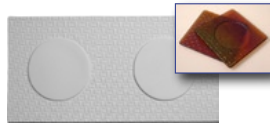
#GMM DT30
Butterfly
10 1/4 x 10 1/4 x 1/2"



#GMM DT31
Dragonfly
10 1/4 x 10 1/4 x 1/2"



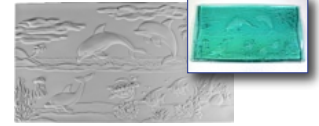
#GMM 136
Swirl Texture Coaster Mold
6 1/4 x 12 1/2"



#GMM 137
Weave Texture Coaster Mold
6 1/4 x 12 1/2"



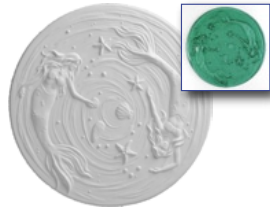
#GMM DT32
Lady of the Woods
12 1/2 x 12 1/2 x 1/2"



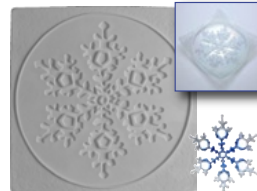
#GMM DT33
Dolphin Seascape
7 x 13 x 1/2"



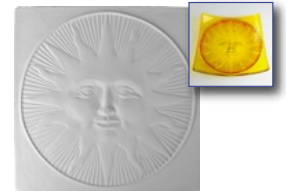
#GMM DT35
Tulip
10 1/2 dia x 1/2"



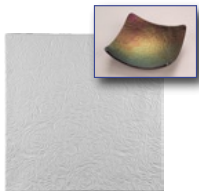
#GMM DT36
Mermaid
10 1/2 dia x 1/2"



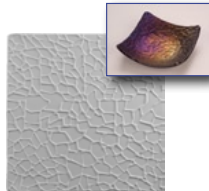
#GMM DT38
Snowflake
10 1/4 x 10 1/4 x 1/2"



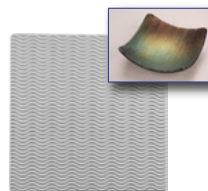
#GMM DT39
Sun
10 1/4 x 10 1/4 x 1/2"



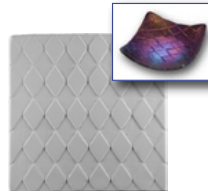
#GMX 01
Rose
7 x 7 x 1/2"



#GMX 02
Mosaic
7 x 7 x 1/2"



#GMX 03
Wave
7 x 7 x 1/2"



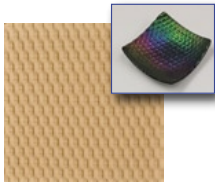
#GMX 04
Harlequin
7 x 7 x 1/2"



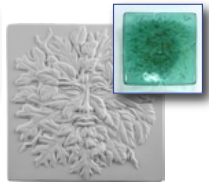
#GMX 06
Tooled Leather
7 x 7 x 1/2"



#GMX 07
Geo Grid
7 x 7 x 1/2"



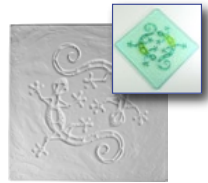
#GMX 11
Weave
7 x 7 x 1/2"



#GMX 12
Small Greenman
7 x 7 x 1/2"



#GMX 13
Small Tree of Life
7 x 7 x 1/2"



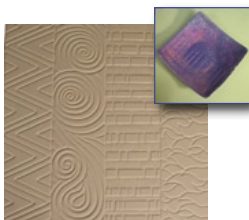
#GMX 14
Gecko
7 x 7 x 1/2"



#GMX 15
Small Harvest
7 x 7 x 1/2"



#GMX 16
Small Peacock
7 x 7 x 1/2"



#GMX 05
Hot Pattern
9 x 9 x 1/2"

Create your own
glass textures using
these Texture Tiles



#GMX 08
Net Leaf
9 x 9 x 1/2"



#GMX 09
Line Leaf
9 x 9 x 1/2"

Colour de Verre Glass Casting Molds

Colour de Verre produces reusable glass-casting molds for artists and hobbyists. Merging the age-old art of glass casting with modern technology and contemporary design, Colour de Verre molds can be filled with glass powders, pate de verre, glass frits, or cut sheet glass. Packaged with instructions, they are easy to use and produce beautiful results.



#CDV 107
Dragonfly
4 x 5 1/2"
Fill weight 100g



#CDV 108
Salamander
2 x 5"
Fill weight 65g



#CDV 109
Butterfly
4 x 5 1/2"
Fill weight 115g



#CDV 112
Heart
3 x 3 1/4"
Fill weight 90-290g



#CDV 114
Japanese Scallop
3"
Fill weight 150g



#CDV 115
Sea Snail
3 x 4"
Fill weight 225g



#CDV 116
Conch
3"
Fill weight 110g



#CDV 121
Blossoms
3/4, 1 & 1 1/4"
Fill weight 6, 8 & 10g



2 Molds in One!
2 Dragonflies on the front &
wing slumper on the back.

#CDV 122
Dragonflies
3 & 4"
Fill weight 36 & 50g



2 Molds in One!
2 Butterflies on the front &
wing slumper on the back.

#CDV 123
Butterflies
3" each
Fill weight 28 & 32g



#CDV 124
Honey bees
1 & 1 1/4"
Fill weight 9 & 12g



#CDV 125
Leaves
2 1/2, 3 & 2 1/2"
Fill weight 30 & 40g



#CDV 126
Maple Leaves
3 & 4"
Fill weight 40 & 60g



#CDV 127
Oak Leaves & Acorns
2 1/2 & 3" leaves
1" acorns
Leaves fill weight 15 & 27g;
Acorns fill weight 7g;



#CDV 128
Small Mixed Flowers 1
1 1/2" each
Lotus fill weight 25g;
Poppy fill weight 22g;
Rose fill weight 20g



#CDV 129
Small Mixed Flowers 2
1 1/2" each
Anemone fill weight 45g;
Dogwood fill weight 33g;
Trillium fill weight 33g



#CDV 130
Branches
mold size 5 x 8 3/4"
Fill weights 7, 23 & 32g



2 Molds in One!
Pine cones on the front and
needles on the back.

#CDV 131
Pine Cones & Needles
mold size 4 1/2 x 8"
Cones fill weights 30, 23, 18 & 12g;
Needles fill weights 9, 7 & 6g



#CDV 149
Rose
roses 1 3/4 & 2 1/4"
mold size 4 1/2 x 7 x 1 1/2"
Fill weight 30 & 45g



2 Molds in One!
Ankhs on the front and
scarabs on the back.

#CDV 132
Scarabs & Ankhs
scarabs range from 3/4 to 1 1/2"
ankhs range from 1 to 2 1/4"
Scarab fill weights 15, 12 & 5g;
Ankhs fill weights 4, 2 & 1/2g



#CDV 133
Ginkgo Leaves
mold size 8 x 5 x 1 1/4"
Fill weights 9, 9 & 9g on the A side
Fill weights 7, 14 & 15g on the B side



#CDV 144
Small Assorted Leaves
mold size 7 1/4 x 4 x 1 1/4"
Fill weight 2, 3, 4, 5 & 7g



#CDV 134
Tropical Fish
mold size 8 1/4 x 4 3/4 x 1"
Large fish fill weight 32-36g
Small fish fill weight 12-15g



#CDV 135
Seahorse & Starfish
mold size 7 x 4 x 1"
Seahorse fill weight 7-9g
Starfish fill weight 12-18g



#CDV 136
Small Beach Shells
mold size 5 1/2 x 5 1/2 x 1 1/4"
Starfish 8g fill wt.; Scallop 18g fill wt.;
Clam 10g fill wt.; Whelk 7g fill wt.



#CDV 137
Medium Beach Shells
mold size 7 1/2 x 4 3/4 x 1 1/4"
Scallop 32g fill wt.; Spiral Whelk 10g
fill wt.; Conch 18g fill wt.



#CDV 147
Skulls
skulls range from 1 1/4 to 1 3/4" L
mold size 5 1/4 x 6 1/2"
Fill weight 10-25g

More Colour de Verre Glass Casting Molds



#CDV 138
Aralia Leaf
mold size 12½ x 10 x 1½"
Fill weight 350-400g



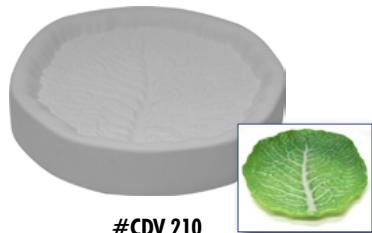
#CDV 139
Rain Forest Leaf
mold size 9¾ x 6 x 1½"
Fill weight 120-130g



#CDV 140
Kiwi Leaf
mold size 9¾ x 7¾ x 1½"
Fill weight 190-200g



#CDV 142
Northwoods Maple
mold size 11 x 9"
Fill weight 300-320g



#CDV 210
Cabbage Leaf
leaf 8" Dia
mold size 10½" Dia
Fill weight 400g



#CDV 211
Bamboo
bamboo platter 6¾ x 10"
mold size 8½ x 12"
Fill weight 750g



#CDV 204
Plate Slump Form
7 - 10"



#CDV 205
Bowl Slump Form
7 - 10"



#CDV 350
5" Round Teal Light Holder
mold size 7½ dia x 3"H
Fill weight 500g



#CDV 360
Round Box & Lid
mold size 5½ dia x 2¼"
Fill weight 295g box & 115g lid



#CDV 370
Round Box & Lid
finished box 5½" Dia x 2" Tall
base mold size 8 dia x 3"
lid mold size 7 dia x 1½"
Fill weight 800g box & 300g lid

LIGHTING:



#CDV 250
5" Round Panel Former

Example projects using the 5" Round Panel Former



#CDV 255
10" Oval Panel Former

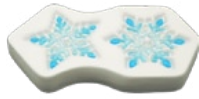
Example projects using the 10" Oval Panel Former



More Colour de Verre Glass Casting Molds



#CDV 141
Snowflakes '12
snowflakes 2½" Dia
mold size 4 x 6½"
Fill weight 5-6g each



#CDV 143
Snowflakes '13
snowflakes 3" Dia
mold size 4 x 7¼"
Fill weight 6 & 9g



#CDV 145
Snowflakes '14
snowflakes 3¼" Dia
mold size 4½ x 8"
Fill weight 8g



#CDV 146
Icicles '14
icicles range from 4¼ to 5" L
mold size 6½ x 6½"
Fill weight 17-24g



Make sure to follow CDV's recommended low temperature firing schedule for the snowflake molds. Click here for the manufacturer's instruction and project sheet.

Click here for the manufacturer's instruction and project sheet.



#CDV 148
Snowflakes '15
snowflakes 3¾" Dia
mold size 5 x 9"
Fill weight 20g



#CDV 150
Vintage Ornaments '15
ornaments 4 & 5½" L
mold size 5 x 9¼ x 1¼"
Fill weight 65 & 75g



#CDV 151
Snowflakes '16
snowflakes 4¼" Dia
mold size 5½ x 10 x 1¼"
Fill weight 25-30g



#CDV 152
Holiday Stars
stars 3¼ & 4" Dia
mold size 5 x 9 x 1"
Fill weight 17 & 25g



#CDV 153
Vintage Ornaments '16
ornaments 4 & 5½" L
mold size 6 x 8¼ x 1¼"
Fill weight 56 & 74g



#CDV 154
January Snowflakes '17
snowflake 5½" Dia
mold size 7 x 6 x 1"
Fill weight 50-55g



#CDV 155
December Snowflakes '17
snowflake 5½" Dia
mold size 7 x 6 x 1"
Fill weight 45-50g



#CDV 380
Nano Bead Mold
mold size 7 x 4½ x 1"
Fill weight - 1-2g each



#CDV 381
Small Ring Beads Mold
mold size 6 x 4 x 1"
Fill weight - 3-4g each



#CDV 382
Pillow Pendants Mold
mold size 6¼ x 5 x 1"
Rectangle fill weights - 12, 18 & 24g
Square fill weights - 10 & 14g



#CDV 383
Diamond Glasslinks - 2 Molds
mold size 3¾ x 5¾" each
Fill weight - 3g each



#CDV 384
Oval Glasslinks - 2 Molds
mold size 3¾ x 6¾" each
Fill weight - 4g each

TILES:



#CDV 104
Tile Maker
¾"
Fill weight 100g



#CDV 103
**Color Blender/
Mosaic Tile**
16 tiles ¾" each
Fill weight 5g/well

APPLICATOR BOTTLES (#CDV 300) These applicator bottles are perfect for laying controlled amounts of dry glass powder or fine frit into the smallest mold detail. Trim tips to desired opening. Three to a package.



COLOUR de VERRE



STAINLESS STEEL MOLDS make exceptional long-lasting molds. Lightweight and very durable these molds can easily last a thousand or more firings. Stainless Steel molds are predrilled for slumping. Special textured sides means kiln wash adheres to the surface easily.

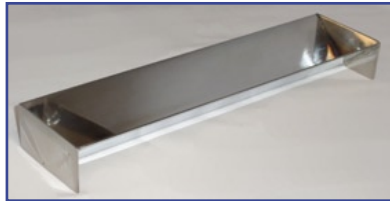
FLORAL FORMERS Take a 10 or 12" square of glass (any glass, but try something with wild streaks) and slump over the former. With nearly no effort you've got a one of a kind pieces. Two sizes available:

- **TALL FLORAL FORMER (#73730)** 6½" tall, 3½" in diameter. The most popular size.
- **SHORT FLORAL FORMER (#73731)** is 4½" tall and 3" diameter at the base.

STAINLESS STEEL TRIANGULAR PATTERN BAR MOLDS can be used to create unique kaleidoscope fused glass pattern bars. Use as a focal point or to embellish other projects. Made from high quality 16 gauge stainless steel - for countless firings!

TRIANGULAR PATTERN BARS MOLDS use 12 or 16" long strips of glass to create your pattern bars. Two sizes available:

- **12" LONG (#73732)** 12-3/8 long x 3 wide x 1½" tall
- **16" LONG (#73733)** 16-3/8 long x 3 wide x 1½" tall



- [1] Line the mold with kiln paper or kiln wash. Use 1/8" fiber paper for end dams.
- [2] Cut strips to length and arrange in an interesting pattern.
- [3] Fire to a full fuse to make your triangular pattern bar.
- [4] Cut slices of the pattern bar about 3mm thick.
- [5] Arrange on top of a piece of complimentary glass and fire to full fuse.



Make Your Own Molds

If you don't see the mold you want, or if you need to duplicate a bending pattern, we have the mold making materials you need. Use Moist Pack to make bending molds from salad bowls or other objects you would like to duplicate for yourself. These products DO NOT contain asbestos.

HOT LINE MOIST PACK (#73701) is cut to size and formed over the object to be duplicated. It is then heated to set (rigidize) and then you can use it to slump or drape glass over it. With care, you can make several projects from the same mold. Sheets are 24x24" and are 1/4" thick.

FIBER BLANKET & FIBER MOLD HARDENER is a two step process which will do the same things as the Moist Pack above. Fiber blanket (#73710) is saturated with Fiber Mold Hardener (#73712), to make "moist pack". Fiber Blanket can also be used as an insulating blanket to wrap hot glass as it comes from the kiln

- **FIBER BLANKET (#73710)** is 1/2" thick (ends up 1/4" thick when saturated) and comes in sheets 24x24".
- **HOTLINE FIBER MOLD HARDENER (#73712)** comes in a 1 qt bottle.



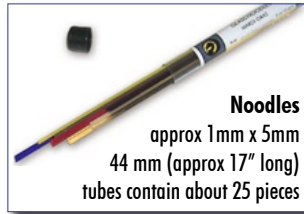
OCEANSIDE COMPATIBLE GLASS

Oceanside Glass & Tile produces specialty products designed to work harmoniously within the COE 96 family. Items have been "Tested Compatible" to Master samples. Look for a complete selection of Stripes, Pebbles, Frits, Stringers, Noodles and more.



Oceanside Compatible Stringers & Noodles

COE 96 stringers & noodles come in convenient 5oz tubes.



Noodles
approx 1mm x 5mm
44 mm (approx 17" long)
tubes contain about 25 pieces



Stringers
approx .7 to 1.2mm dia
(approx 17" long) each
tubes contain about 100 pieces.

CATHEDRAL COLORS	STRINGERS CAT#	NOODLES CAT#	PRICE CODE
clear cathedral	SFS 00-96	SFN 00-96	A
red reactive cathedral	SFS 003-96	SFN 003-96	A
deep gold pink cathedral	SFS 103-96	SFN 103-96	P
golden amber cathedral	SFS 1108-96	SFN 1108-96	A
med dk amber cathedral	SFS 111-96	SFN 111-96	A
emerald green cathedral	SFS 125-96	SFN 125-96	A
cobalt blue cathedral	SFS 136-96	SFN 136-96	A
dark purple cathedral	SFS 146-96	SFN 146-96	A
red cathedral	SFS 151-96	SFN 151-96	C
yellow cathedral	SFS 161-96	SFN 161-96	C
orange cathedral	SFS 171-96	SFN 171-96	C
teal green cathedral	SFS 5232-96	SFN 5232-96	A
moss green cathedral	SFS 5262-96	SFN 5262-96	A
sea green cathedral	SFS 5281-96	SFN 5281-96	A
olive green cathedral	SFS 5284-96	SFN 5284-96	A
aqua blue cathedral	SFS 5333-96	SFN 5333-96	A
grape cathedral	SFS 5432-96	SFN 5432-96	A

OPALESCENT COLORS	STRINGERS CAT#	NOODLES CAT#	PRICE CODE
black opal	SFS 56-96	SFN 56-96	M
white opal	SFS 200-96	SFN 200-96	A
red reactive opal	SFS 045-96	SFN 045-96	A
Payne's gray opal	SFS 078-96	SFN 078-96	A
red reactive opal	SFS 045-96	SFN 045-96	A
almond opal	SFS 2107-96	SFN 2107-96	A
chocolate opal	SFS 2116-96	SFN 2116-96	A
dark green opal	SFS 2206-96	SFN 2206-96	A
pastel green opal	SFS 2222-96	SFN 2222-96	A
peacock green opal	SFS 2234-96	SFN 2234-96	A
lemongrass opal	SFS 2262-96	SFN 2262-96	C
Amazon green opal	SFS 2264-96	SFN 2264-96	A
medium blue opal	SFS 2302-96	SFN 2302-96	A
dark blue opal	SFS 2306-96	SFN 2306-96	A
turquoise blue opal	SFS 2334-96	SFN 2334-96	A
mauve opal	SFS 2402-96	SFN 2402-96	A
red opal	SFS 2502-96	SFN 2502-96	C
lemon yellow opal	SFS 2602-96	SFN 2602-96	C
orange opal	SFS 2702-96	SFN 2702-96	C
charcoal opal	SFS 2806-96	SFN 2806-96	A
marigold opal	SFS 355-96	SFN 355-96	C
flame opal	SFS 602-96	SFN 602-96	C
apple jade opal	SFS 726-96	SFN 726-96	A
fern green opal	SFS 755-96	SFN 755-96	A
olive green opal	SFS 782-96	SFN 782-96	A

MIXED COLORS	STRINGERS CAT#	NOODLES CAT#	PRICE CODE
Blue Family assortment of opal and transparent blues	SFS M BLUE-96	---	M
Green Family assortment of opal and transparent greens	SFS M GREEN-96	---	M
Neutral Family assortment of opal and transparent neutral colors: whites, greys & black	SFS M NEUT-96	---	M
Warm Family assortment of opal and transparent warm colors	SFS M WARM-96	---	M
Mardi Gras assortment of opal and transparent colors	SFS M-96	SFN M-96	M

All System 96 products are subject to availability due to the sale of Spectrum & Uroboros to Oceanside Glasstile

Oceanside Compatible Stringers Sprinkles & Noodles Bits

COE 96 Mardi Gras Noodle Bits and Mardi Gras Sprinkles! They are short 'bits' (1" and under) of Noodles or Stringer in a fiesta of color to sprinkle into your work. Sold in an 8oz jar.



Mardi Gras Stringer Sprinkles
#SFS MS96



Mardi Gras Noodle Bits
#SFN MB96



All System 96 products are subject to availability due to the sale of Spectrum & Uroburos to Oceanside Glasstile

Oceanside Compatible COE 96 Pebbles

These Fusible Glass Pebbles™ are approximately 1/2" diameter, flat bottomed, round topped droplets which make perfect design elements for fusers, and first-rate material for frit-casting molds. Each package contains 1/2 lb. of same-color Pebbles (about 100 pieces).



#SFP 100
crystal clear



#SFP 110.2
light amber cathedral



#SFP 110.8
med amber cathedral



#SFP 121
med green cathedral



#SFP 130.8
light blue cathedral



#SFP 140.8
light amethyst cathedral



#SFP 533.1
sky blue cathedral



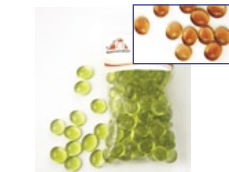
#SFP 543.2
grape "striker" cathedral
See inset photo for "post-fuse" color.



#SFP 151
ruby red "striker" cathedral
See inset photo for "post-fuse" color.



#SFP 161
yellow cathedral



#SFP 171
orange "striker" cathedral
See inset photo for "post-fuse" color.



#SFP ASSORTED
assorted colors



#SFP 200
white opal



#SFP 1009
black opal



#SFP 226.74
amazon green opal



#SFP 233.74
turquoise blue opal



#SFP 267.72
sunflower yellow opal



#SFP 290.72
pink opal

Oceanside Compatible Frits & Powders

COE 96 frit available in 4 sizes:

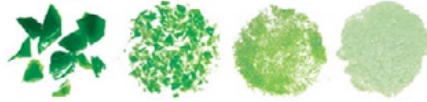
- Powder (.13mm - .25mm),
- Fine (.25mm - .75mm),
- Medium (.75mm - 2.5mm)
- Coarse (2.5mm - 7.6mm)

Frit is packaged in:

- 8.5oz jars (all sizes listed in tables),
- 4lb jars (in white, clear and black; other colors by special order) and
- 40lb buckets (by special order only)



"N/A" indicates color/size of frit is not yet available.

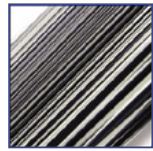


CATHEDRAL COLORS	FRIT CAT#:			POWDER CAT#	PRICE CODE
	COARSE	MED	FINE		
clear	SFF 00-C	SFF 00-M	SFF 00-F	SFF 00-P	P
clear IRID	SFF 00i-C	SFF 00i-M	N/A	N/A	R
water clear	SFF 01-C	SFF 01-M	SFF 01-F	SFF 01-P	R
red reactive	SFF 003-C	SFF 003-M	SFF 003-F	SFF 003-P	R
pale amber	SFF 1102-C	SFF 1102-M	SFF 1102-F	SFF 1102-P	R
golden amber	SFF 1108-C	SFF 1108-M	SFF 1108-F	SFF 1108-P	R
dark amber	SFF 111-C	SFF 111-M	SFF 111-F	SFF 111-P	R
light green	SFF 121-C	SFF 121-M	SFF 121-F	SFF 121-P	R
emerald green	SFF 125-C	SFF 125-M	SFF 125-F	SFF 125-P	R
aventurine green	SFF 128-C	SFF 128-M	SFF 128-F	SFF 128-P	S
pale blue	SFF 1308-C	SFF 1308-M	SFF 1308-F	SFF 1308-P	R
light blue	SFF 132-C	SFF 132-M	SFF 132-F	SFF 132-P	R
cobalt blue	SFF 136-C	SFF 136-M	SFF 136-F	SFF 136-P	R
aventurine blue	SFF 138-C	SFF 138-M	SFF 138-F	SFF 138-P	S
pale amethyst	SFF 1408-C	SFF 1408-M	SFF 1408-F	SFF 1408-P	R
light purple	SFF 142-C	SFF 142-M	SFF 142-F	SFF 142-P	R
red	SFF 151-C	SFF 151-M	SFF 151-F	SFF 151-P	SC
yellow	SFF 161-C	SFF 161-M	SFF 161-F	SFF 161-P	SC
orange	SFF 171-C	SFF 171-M	SFF 171-F	SFF 171-P	SC
pale gray	SFF 1808-C	SFF 1808-M	SFF 1808-F	SFF 1808-P	R
bronze	SFF 5181-C	SFF 5181-M	SFF 5181-F	SFF 5181-P	R
teal green	SFF 5232-C	SFF 5232-M	SFF 5232-F	SFF 5232-P	R
hunter green	SFF 5238-C	SFF 5238-M	SFF 5238-F	SFF 5238-P	R
moss green	SFF 5262-C	SFF 5262-M	SFF 5262-F	SFF 5262-P	R
light seafoam green	SFF 5281-C	SFF 5281-M	SFF 5281-F	SFF 5281-P	R
olive green	SFF 5284-C	SFF 5284-M	SFF 5284-F	SFF 5284-P	R
sky blue (aqua)	SFF 5331-C	SFF 5331-M	SFF 5331-F	SFF 5331-P	R
blue topaz	SFF 5332-C	SFF 5332-M	SFF 5332-F	SFF 5332-P	R
deep aqua (turq bl)	SFF 5333-C	SFF 5333-M	SFF 5333-F	SFF 5333-P	R
violet	SFF 5342-C	SFF 5342-M	SFF 5342-F	SFF 5342-P	R
navy blue	SFF 5386-C	SFF 5386-M	SFF 5386-F	SFF 5386-P	R
grape	SFF 5432-C	SFF 5432-M	SFF 5432-F	SFF 5432-P	R
pink champagne	SFF 5911-C	SFF 5911-M	SFF 5911-F	SFF 5911-P	R
lime	SFF 7312-C	SFF 7312-M	SFF 7312-F	SFF 7312-P	RC

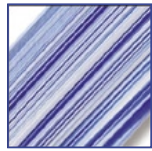
OPAL COLORS	FRIT CAT#			POWDER CAT#	PRICE CODE
	COARSE	MED	FINE		
red reactive opal	SFF 045-C	SFF 045-M	SFF 045-F	SFF 045-P	R
payne's gray opal	SFF 078-C	SFF 078-M	SFF 078-F	SFF 078-P	RC
chambray opal	SFF 079-C	SFF 079-M	SFF 079-F	SFF 079-P	RC
white opal	SFF 200-C	SFF 200-M	SFF 200-F	SFF 200-P	R
firelight opal	SFF 209-C	SFF 209-M	SFF 209-F	SFF 209-P	R
ivory opal	SFF 2101-C	SFF 2101-M	SFF 2101-F	SFF 2101-P	R
vanilla creme opal	SFF 2103-C	SFF 2103-M	SFF 2103-F	SFF 2103-P	R
almond opal	SFF 2107-C	SFF 2107-M	SFF 2107-F	SFF 2107-P	R
chestnut opal	SFF 2114-C	SFF 2114-M	SFF 2114-F	SFF 2114-P	RC
choc. brwn opal	SFF 2116-C	SFF 2116-M	SFF 2116-F	SFF 2116-P	R
terracotta opal	SFF 2152-C	SFF 2152-M	SFF 2152-F	SFF 2152-P	RC
stone opal	SFF 2181-C	SFF 2181-M	SFF 2181-F	SFF 2181-P	R
dark green opal	SFF 2206-C	SFF 2206-M	SFF 2206-F	SFF 2206-P	R
easter green opal	SFF 2222-C	SFF 2222-M	SFF 2222-F	SFF 2222-P	R
turq green opal	SFF 2232-C	SFF 2232-M	SFF 2232-F	SFF 2232-P	R
peacock green opal	SFF 2234-C	SFF 2234-M	SFF 2234-F	SFF 2234-P	R
lemongrass opal	SFF 2262-C	SFF 2262-M	SFF 2262-F	SFF 2262-P	RC
amazon grn opal	SFF 2264-C	SFF 2264-M	SFF 2264-F	SFF 2264-P	R
celadon grn opal	SFF 2282-C	SFF 2282-M	SFF 2282-F	SFF 2282-P	R
hydrangea opal	SFF 2301-C	SFF 2301-M	SFF 2301-F	SFF 2301-P	R
med blue opal	SFF 2302-C	SFF 2302-M	SFF 2302-F	SFF 2302-P	R
dark blue opal	SFF 2306-C	SFF 2306-M	SFF 2306-F	SFF 2306-P	R
turquoise opal	SFF 2334-C	SFF 2334-M	SFF 2334-F	SFF 2334-P	R
mariner blue opal	SFF 2335-C	SFF 2335-M	SFF 2335-F	SFF 2335-P	R
cotton candy grape	SFF 2342-C	SFF 2342-M	SFF 2342-F	SFF 2342-P	V
lilac opal	SFF 2404-C	SFF 2404-M	SFF 2404-F	SFF 2404-P	R
red opal	SFF 2502-C	SFF 2502-M	SFF 2502-F	SFF 2502-P	RC
lemon yellow opal	SFF 2602-C	SFF 2602-M	SFF 2602-F	SFF 2602-P	RC
sunflower opal	SFF 2672-C	SFF 2672-M	SFF 2672-F	SFF 2672-P	RC
orange opal	SFF 2702-C	SFF 2702-M	SFF 2702-F	SFF 2702-P	RC
persimmon opal	SFF 2711-C	SFF 2711-M	SFF 2711-F	SFF 2711-P	RC
pewter opal	SFF 2802-C	SFF 2802-M	SFF 2802-F	SFF 2802-P	R
charcoal opal	SFF 2806-C	SFF 2806-M	SFF 2806-F	SFF 2806-P	R
champagne opal	SFF 2911-C	SFF 2911-M	SFF 2911-F	SFF 2911-P	R
marigold opal	SFF 355-C	SFF 355-M	SFF 355-F	SFF 355-P	RC
black opal	SFF 56-C	SFF 56-M	SFF 56-F	SFF 56-P	RC
aventurine black	SFF 568-C	SFF 568-M	SFF 568-F	SFF 568-P	S
black opal IRID	N/A	SFF 56i-M	N/A	N/A	TC
tomato soup red	SFF 602-C	SFF 602-M	SFF 602-F	SFF 602-P	RC
apple jade opal	SFF 726-C	SFF 726-M	SFF 726-F	SFF 726-P	TC
fern green opal	SFF 755-C	SFF 755-M	SFF 755-F	SFF 755-P	RC
dark olive green	SFF 782-C	SFF 782-M	SFF 782-F	SFF 782-P	RC

Oceanside Compatible Stripes™

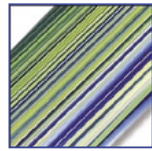
STRIPES are striated combinations of 3-4 colors coordinated perfectly with each color in the COE 96 Spirit family. The elegant linear design, a quirk of Continuous Ribbon manufacturing process, opens new avenues of creativity for the fuser, stained glass or mosaic artist. Each package contains 6 glass strips about 2 x 12-inches long.



#SFST 4001
Murano
clear, ivory & black



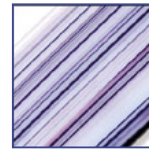
#SFST 431.76
Vienna
clear, cobalt blue & ivory



#SFST 4361.76
Atlantis
clear, blue, yellow & ivory

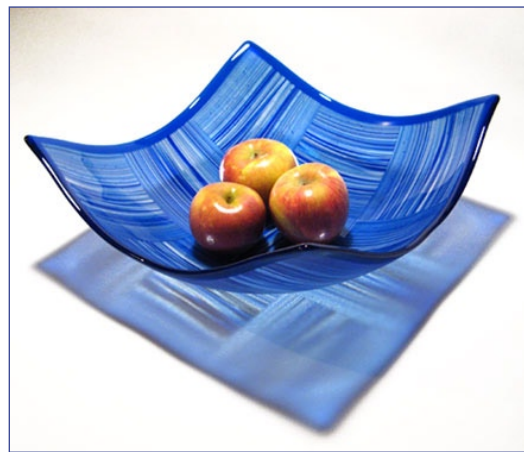


#SFST 4561
Rio
clear, ivory, sunflower & red



#SFST 4941
Valhalla
clear, ivory, pink & concord

All System 96 products are subject to availability due to the sale of Spectrum & Uroboros to Oceanside Glasstile



Oceanside Compatible Confetti

Confetti are thin flakes of COE 96 glass ... the same as on the back of Fracture Streamer glass.

It's fusible, of course! Confetti comes in convenient 4 oz jars (Mardi Gras Mini comes in a 7oz jar). Order using the "SFC" Catalog #.



#SFC 05-96
white opal
code A



#SFC 356-96
lemon yellow opal
code C



#SFC 602-96
flame opal
code C



#SFC MGM-96
mardi gras mini
7oz jar



#SFC 2114-96
chestnut brown opal
code A



#SFC 2502-96
red opal
code C



#SFC 520-96
plum opal
code C



#SFC 003-96
red reactive transparent
Strikes a rich deep red when fired
code A



#SFC 5-96
blue green cathedral
code C



#SFC 15-96
purple cathedral
code A



#SFC 30-96
forest green cathedral
code C



#SFC 62-96
strikes burgandy
code A



#SFC 100-96
gold pink cathedral
code P



#SFC 424-96
cobalt blue cathedral
code A



#SFC 704-96
yellow green cathedral
code C

Oceanside Compatible Rods

The perfect choice for lampworking and other hot glass work. Expansion-Matched to a nominal COE of 96, then factory-tested for fusing compatibility. Each glass has been carefully formulated for Multi-Fire devit resistance.



Rods are approximately 5-6mm diameter x 50cm (3/16 - 1/4" x 20").



All System 96 products are subject to availability due to the sale of Spectrum & Uroboros to Oceanside Glasstile

COLOR	ROD CAT#	PRICE CODE
CATHEDRAL RODS		
clear	SFRT 00-96	RA
red reactive	SFRT 003-96	RB
pale amber	SFRT 1102-96	RB
golden amber	SFRT 1108-96	RB
dark amber	SFRT 111-96	RB
light green	SFRT 121-96	RB
emerald green	SFRT 125-96	RB
aventurine green	SFRT 128-96	RD
pale blue	SFRT 1308-96	RB
cobalt blue	SFRT 136-96	RB
light purple	SFRT 142-96	RB
deep purple	SFRT 146-96	RB
pale gray	SFRT 1808-96	RB
neon orchid	SFRT 476-96	RN
bronze	SFRT 5181-96	RB
moss green	SFRT 5262-96	RB
sea green	SFRT 5281-96	RB
olive green	SFRT 5284-96	RB
sky blue	SFRT 5331-96	RB
deep aqua	SFRT 5333-96	RB
violet	SFRT 5342-96	RB
steel blue	SFRT 5384-96	RB
navy blue	SFRT 5386-96	RB
grape	SFRT 5432-96	RB
pink champagne	SFRT 5911-96	RB
straw	SFRT 906-96	RB

COLOR	ROD CAT#	PRICE CODE
SEMI-OPAL RODS		
cherry red	SFRO 1511-96	RC
yellow	SFRO 1611-96	RC
orange	SFRO 1711-96	RC
OPALESCENT RODS		
red reactive opal	SFRO 045-96	RO
white	SFRO 200-96	RO
firelight white	SFRO 209-96	RO
almond	SFRO 2107-96	RO
dark green	SFRO 2206-96	RO
Easter green	SFRO 2222-96	RO
turquoise green	SFRO 2232-96	RO
peacock green	SFRO 2234-96	RO
lemongrass	SFRO 2262-96	RC
Amazon green	SFRO 2264-96	RO
medium blue	SFRO 2302-96	RO
cobalt blue	SFRO 2306-96	RO
turquoise blue	SFRO 2334-96	RO
mauve	SFRO 2402-96	RO
lilac	SFRO 2404-96	RO
red	SFRO 2502-96	RC
lemon yellow	SFRO 2602-96	RC
sunflower	SFRO 2672-96	RC
orange	SFRO 2702-96	RC
pewter	SFRO 2802-96	RO
champagne	SFRO 2911-96	RO
marigold	SFRO 355-96	RC
black	SFRO 56-96	RG
fern green	SFRO 755-96	RC

Wissmach 96 Frits

Frit is available in 4 sizes:

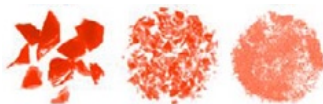
- Fine (.25mm - .75mm),
- Medium (.75mm - 2.5mm)
- Coarse (2.5mm - 7.6mm)

"N/A" indicates color/size of frit is not yet available.



Frit is packaged in:

- 16oz jars (all sizes listed in tables)



CATHEDRAL COLORS	FRIT CAT#:			PRICE CODE
	COARSE	MED	FINE	
clear	WFF 96-01-C	WFF 96-01-M	WFF 96-01-F	A
honey	WFF 96-11-C	WFF 96-11-M	WFF 96-11-F	A
sky blue	WFF 96-13-C	WFF 96-13-M	WFF 96-13-F	A
sapphire	WFF 96-16-C	WFF 96-16-M	WFF 96-16-F	A
garden green	WFF 96-17-C	WFF 96-17-M	WFF 96-17-F	A
emerald coast	WFF 96-18-C	WFF 96-18-M	WFF 96-18-F	A
peacock	WFF 96-19-C	WFF 96-19-M	WFF 96-19-F	A
midnight blue	WFF 96-20-C	WFF 96-20-M	WFF 96-20-F	A
sea blue	N/A	N/A	N/A	A
dark gray	N/A	N/A	N/A	A
steel blue	N/A	N/A	N/A	A
dark red	WFF 96-52-C	WFF 96-52-M	WFF 96-52-F	H
yellow	N/A	WFF 96-59-M	N/A	H

OPAL COLORS	FRIT CAT#:			PRICE CODE
	COARSE	MED	FINE	
black opal	WFF 96-02-C	WFF 96-02-M	WFF 96-02-F	A
white opal	WFF 96-03-C	WFF 96-03-M	WFF 96-03-F	A
violet opal	WFF 96-04-C	WFF 96-04-M	WFF 96-04-F	A
superior blue opal	N/A	N/A	N/A	A
pale green opal	WFF 96-06-C	WFF 96-06-M	WFF 96-06-F	A
light olive opal	WFF 96-07-C	WFF 96-07-M	WFF 96-07-F	A
string of pearls opal	WFF 96-08-C	WFF 96-08-M	WFF 96-08-F	A
gold tone opal	WFF 96-10-C	WFF 96-10-M	WFF 96-10-F	H
reactive blue opal	WFF 96-14-C	WFF 96-14-M	WFF 96-14-F	A
cornflower blue opal	WFF 96-15-C	WFF 96-15-M	WFF 96-15-F	A
dark red opal	WFF 96-41-C	WFF 96-41-M	WFF 96-41-F	H
orange opal	N/A	N/A	N/A	H



CBS Dichroic Glass

CBS dichroic features a wide selection of coating colors on glass from Wissmach COE 90 and 96 and Oceanside Compatible. The #1 choice of hot glass artists everywhere!

Dichroic glass transmits one color while reflecting another. The colors transmitted or reflected will vary, depending on the angle from which it is viewed. The effect is produced by depositing a thin layer of rare elements on the surface of the glass. This is done at high temperatures in a vacuum chamber, using a high voltage electron beam (explains the cost!). There is no "industry accepted standard" for classifying dichroic glass as the creation of dichroic glass is nearly as much art as it is science. Each manufacturer has their own classification system. When comparing coatings, the combination of the **Transmitted** and **Reflected 1** color is usually used.

In the coatings table below, TRANSMITTED refers to the color that is seen as light passes through the sheet (black glass has no transmitted color). REFLECTED 1 is the color reflected when viewed straight on. REFLECTED 2 is the color that is reflected when the sheet is viewed at an oblique angle OR after fusing. Depending on the angle the glass is held at, or the amount of heat the glass is subjected to will determine how close the color viewed will approach the REFLECTED 2 color. When doing kiln work, it is important that test firings be done to determine the best way to reach the desired final color. If over fired, the color may shift UP the chart another level.

ORDERING INFORMATION: CBS Dichroic is sold in 1/4 circle sheets approx. 8x9 1/2" with one side curved (suffix "-88"). Full (full 19" circle) sheets are also available. Full sheets may have about a bit trimmed from top and bottom of the circle; quarter sheets may have an inch or so nicked from one corner. 4x4" square pieces are also available (suffix "-44").

BLACK BASE GLASS		COE 90		SYSTEM 96	
TRANSMITTED	REFLECTED	COE	BASE PATTERN COATING	COE	BASE PATTERN COATING
BLACK THIN SOLID COATINGS					
		BULLSEYE, 1.5 mm		SPECTRUM, 2mm	
	violet	D 90	BT 00 VIO	D 96	BT 00 VIO
	purple	D 90	BT 00 PUR	D 96	BT 00 PUR
yellow	purple				
yellow	blue	D 90	BT 00 YB	D 96	BT 00 YB
magenta	green	D 90	BT 00 MG	D 96	BT 00 MG
blue	gold	D 90	BT 00 BG	D 96	BT 00 BG
cyan	copper			D 96	BT 00 CC
cyan	red	D 90	BT 00 CR	D 96	BT 00 CR
cyan	dark dark red	D 90	BT 00 CZ	D 96	BT 00 CZ
red	silver	D 90	BT 00 RS	D 96	BT 00 RS
red	silver blue	D 90	BT 00 RSB	D 96	BT 00 RSB
	aqua			D 96	BT 00 AQ
	salmon	D 90	BT 00 SAL	D 96	BT 00 SAL
	emerald green	D 90	BT 00 EG	D 96	BT 00 EG
	black cherry	D 90	BT 00 BC		
	candy apple red	D 90	BT 00 CAR	D 96	BT 00 CAR
green	magenta	D 90	BT 00 GM	D 96	BT 00 GM
green	magenta blue	D 90	BT 00 GMB	D 96	BT 00 GMB
green	pink	D 90	BT 00 GP	D 96	BT 00 GP
rainbow 1		D 90	BT 00 RB1	D 96	BT 00 RB1
rainbow 2		D 90	BT 00 RB2	D 96	BT 00 RB2

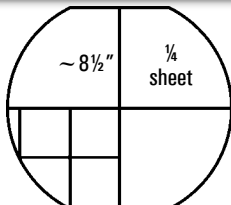


BLACK BASE GLASS		COE 90		SYSTEM 96		
PATTERN	COATING	COE	BASE PATTERN COATING	COATING	COE	BASE PATTERN COATING
BLACK THIN PATTERN COATINGS						
		BULLSEYE, 1.5 mm			SPECTRUM, 2mm	
aurora borealis				blue/gold	D 96	BT AB BG
balloons 1	mixture	D 90	BT BA1 MX	mixture	D 96	BT BA1 MX
balloons 3	mixture	D 90	BT BA3 MX	mixture	D 96	BT BA3 MX
boxes 1	mixture	D 90	BT BX1 MX	mixture	D 96	BT BX1 MX
boxes 2	mixture	D 90	BT BX2 MX	mixture	D 96	BT BX2 MX
brick	rainbow 1	D 90	BT BR RB1			
cool lava						
corkscrews	mixture	D 90	BT CS MX			
dot 1	rainbow 1	D 90	BT DT1 RB1	rainbow 1	D 96	BT DT1 RB1
dot 2	rainbow 1	D 90	BT DT2 RB1	rainbow 1	D 96	BT DT2 RB1
dot 3						
fusion				rainbow 1	D 96	BT FS RB1
geodesic						
honeycomb	rainbow 1	D 90	BT HC RB1			
hot lava	rainbow 1	D 90	BT HL RB1	rainbow 1	D 96	BT HL RB1
marquis 1						
marquis 2						
pixie stix	rainbow 1	D 90	BT PX RB1	rainbow 1	D 96	BT PX RB1
puzzle	mixture	D 90	BT PZ MX	rainbow 1	D 96	BT PZ RB1
reptilian						
square 0.5	rainbow 1	D 90	BT SQ5 RB1	rainbow 1	D 96	BT SQ5 RB1
square 1	rainbow 1	D 90	BT SQ1 RB1	rainbow 1	D 96	BT SQ1 RB1
square 2	rainbow 1	D 90	BT SQ2 RB1	rainbow 1	D 96	BT SQ2 RB1
square 3						
stripes A	cyan/dk dk red	D 90	BT SA CZ	cyan/dk dk red	D 96	BT SA CZ
stripes B						
stripes C						
stripes D						
splatter						
splinter rainbow						
target rainbow	cyan/dk dk red	D 90	BT TR CZ	cyan/dk dk red	D 96	BT TR CZ
half target rainbow						
voltage	mixture	D 90	BT V MX	mixture	D 96	BT V MX



NOTE: CBS dichroic glass can be ordered in over 60,000+ different variations. The glass that is listed above and on the following pages is what we are currently stocking from their vast selection of choices. The offerings that we have in stock at any specific time will change from time to time and checking our website will be the best way to determine what is currently available.

www.SunshineGlass.com



CLEAR BASE GLASS		COE 90			SYSTEM 96					
TRANSMITTED	REFLECTED	COE	BASE	PATTERN	COATING	COE	BASE	PATTERN	COATING	
CLEAR THIN SOLID COATINGS		BULLSEYE, 1.5 mm			SPECTRUM, 2mm					
	violet					D 96	CT	00	VIO	
	purple	D 90	CT	00	PUR	D 96	CT	00	PUR	
yellow	purple	D 90	CT	00	YP					
yellow	blue	D 90	CT	00	YB	D 96	CT	00	YB	
magenta	green	D 90	CT	00	MG	D 96	CT	00	MG	
blue	gold	D 90	CT	00	BG	D 96	CT	00	BG	
cyan	copper					D 96	CT	00	CC	
cyan	red	D 90	CT	00	CR	D 96	CT	00	CR	
cyan	dark dark red	D 90	CT	00	CZ	D 96	CT	00	CZ	
red	silver	D 90	CT	00	RS	D 96	CT	00	RS	
red	silver blue	D 90	CT	00	RSB	D 96	CT	00	RSB	
pink	teal	D 90	CT	00	PT	D 96	CT	00	PT	
	emerald green					D 96	CT	00	EG	
green	magenta	D 90	CT	00	GM	D 96	CT	00	GM	
green	magenta blue	D 90	CT	00	GMB	D 96	CT	00	GMB	
green	pink	D 90	CT	00	GP	D 96	CT	00	GP	
rainbow 1						D 96	CT	00	RB1	
rainbow 2		D 90	CT	00	RB2	D 96	CT	00	RB2	

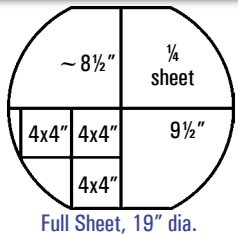


CLEAR BASE GLASS		COE 90			SYSTEM 96						
PATTERN	COATING	COE	BASE	PATTERN	COATING	COE	BASE	PATTERN	COATING		
CLEAR THIN PATTERN COATINGS		BULLSEYE, 1.5 mm			SPECTRUM, 2mm						
aurora borealis						D 96	CT	AB	BG		
aurora borealis						D 96	CT	AB	CX		
balloons 1	mixture	D 90	CT	BA1	MX						
balloons 3	mixture	D 90	CT	BA3	MX						
boxes 1	mixture	D 90	CT	BX1	MX						
boxes 2											
brick	rainbow 1	D 90	CT	BR	RB1						
cool lava	rainbow 2	D 90	CT	CL	RB2						
corkscrews	mixture	D 90	CT	CS	MX			D 96	CT	CS	MX
dot 1	rainbow 1	D 90	CT	DT1	RB1			D 96	CT	DT1	RB1
dot 2	rainbow 1	D 90	CT	DT2	RB1			D 96	CT	DT2	RB1
dot 3											
fusion	rainbow 1							D 96	CT	FS	RSB
geodesic								D 96	CT	GEO	RB1
honeycomb	rainbow 1	D 90	CT	HC	RB1						
hot lava	rainbow 1	D 90	CT	HL	RB1						
marquis 1	rainbow 1	D 90	CT	M1	RB1						
marquis 2											
pixie stix								D 96	CT	PX	RB1
puzzle	mixture	D 90	CT	PZ	MX			D 96	CT	PZ	RB1
reptilian		D 90	CT	RP	MX			D 96	CT	RP	MX
square 0.5								D 96	CT	SQ5	RB1
square 1	rainbow 1	D 90	CT	SQ1	RB1			D 96	CT	SQ1	RB1
square 2	rainbow 1	D 90	CT	SQ2	RB1			D 96	CT	SQ2	RB1
square 3											
stripes A	cyan/dk dk red	D 90	CT	SA	CZ			D 96	CT	SA	CZ
stripes B	cyan/dk dk red	D 90	CT	SB	CZ						
stripes C											
stripes D											
splatter											
splinter rainbow											
target rainbow	cyan/dk dk red	D 90	CT	TR	CZ			D 96	CT	TR	CZ
half target rainbow											
voltage	mixture	D 90	CT	V	MX			D 96	CT	V	MX
voltage trgt rnbw	grn/mag blue	D 90	CT	VTR	GMB			D 96	CT	VTR	GMB



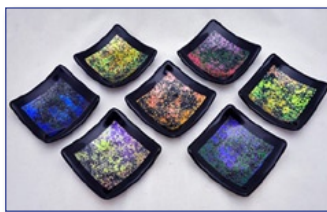
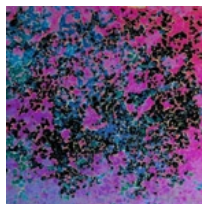
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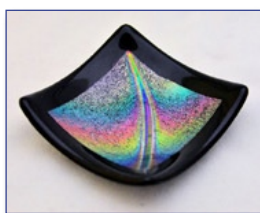
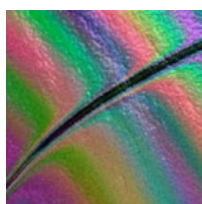
MINI DOUBLE SPLATTER has a Mini Splatter pattern coating on BOTH sides of clear thin glass. The Splatter Pattern has splatters of dichroic coating with open areas that will let light and color through. Each side has a contrasting coating color for depth and excitement. Available only as a 4x4" piece.

- COE 90 Clear (#D 90 MDSP)
- System 96 Clear (#D 96 MDSP)



COMET TRAIL has a beautiful Rainbow colored square has both a colorful blaze down the middle and a unique combination of Rainbow Dichroic in each piece. Available only as a 4x4" piece.

- COE 90 Black (#D 90 BT CT RB44)
- COE 90 Clear (#D 90 CT CT RB44)
- System 96 Black (#D 96 BT CT RB44)
- System 96 Clear (#D 96 CT CT RB44)



CBS Dichroic Packs

Choose from these great pre-packaged assortments!

DICHROIC STANDARD SAMPLE SETS

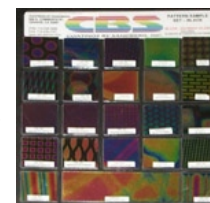
1½" X 1½" squares on thin glass. Available on all black or all clear glass in either 90 or 96 COE. Includes 11 standard colors, 7 specialty colors and 5 premium colors.



COE 90	
0109 90 B	22 pieces (1½x1½") + 1 pc (1½x5") of Rainbow – BLACK
0109 90 C	22 pieces (1½x1½") + 1 pc (1½x5") of Rainbow – CLEAR
SYSTEM 96	
0109 96 B	22 pieces (1½x1½") + 1 pc (1½x5") of Rainbow – BLACK
0109 96 C	22 pieces (1½x1½") + 1 pc (1½x5") of Rainbow – CLEAR

DICHROIC PATTERN SAMPLE SETS

1½" X 1½" squares on thin glass. Available on all black or all clear glass in either 90 or 96 COE. Includes sample pieces of marquis, squares, dots, brick, honeycomb, stripes, balloons and boxes.



COE 90	
0109 90 BP	22 pieces (1½x1½") + 1 pc (1½x5") of Rainbow – BLACK
0109 90 CP	22 pieces (1½x1½") + 1 pc (1½x5") of Rainbow – CLEAR
SYSTEM 96	
0109 96 BP	22 pieces (1½x1½") + 1 pc (1½x5") of Rainbow – BLACK
0109 96 CP	22 pieces (1½x1½") + 1 pc (1½x5") of Rainbow – CLEAR

CBS DICHROIC FUSEBAR (#D FUSEBAR) is the the answer to "what does it look like fused?" All 22 of the solid colors produced by CBS are fused into one bar, 15" long and 1-3/4" wide. Each color is labeled for reference and is shown four ways:

- = On black, fused as the top layer
- = On black, fused with a clear cap
- = On clear, fused as the top layer
- = On clear, fused with a clear cap

You can hold the bar up to the light to view each color in transmitted light.

An indispensable tool for anyone using dichroic glass in their creative art works.



HELPFUL HINT: CBS has designed a proprietary process that allows the frit to be coated on approximately 80% of the surface area of the glass. This ratio of glass to dichroic coating is unmatched to any other product available on the market today. Due to this high ratio of coating versus glass, the DICHROIC FRIT responds very differently under heating/hotworking conditions,... a must try for artists looking for a fresh or different look to their work.

HELPFUL HINT: What is "CRINKLIZED DICHROIC"?

The Coatings Gurus at CBS have developed a bright metallic coating that "crinkles" on firing. Fired dichroic glass has always had a metallic crystalline appearance, but the Crinkle process magnifies the effect. These tiny facets really sparkle!



Example at left shows an uncapped post-fired piece of Crinklized Dichroic

Dichroic Stringers, Noodles, Frit & Scrap

CAT#	DESCRIPTION
DS 90 B	COE 90 Black stringers
DS 90 C	COE 90 Clear stringers
DS 96 B	System 96 Black stringers
DS 96 C	System 96 Clear stringers
DN 90 B	COE 90 Black noodles
DN 90 C	COE 90 Clear noodles
DN 96 B	System 96 Black noodles
DN 96 C	System 96 Clear noodles



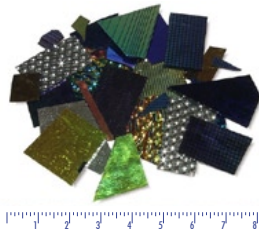
Noodle tubes contain 4 pcs, 16" in length, with assorted coatings

Stringer tubes contain 10 pcs, 18" in length, with assorted coatings



DICHROIC SCRAP in 6 oz assortments offer a great way to pickup a nice variety at a great price.

- COE 90 Black (#D 90 SCB)
- COE 90 Clear (#D 90 SCC)
- System 96 Black (#D 96 SCB)
- System 96 Clear (#D 96 SCC)



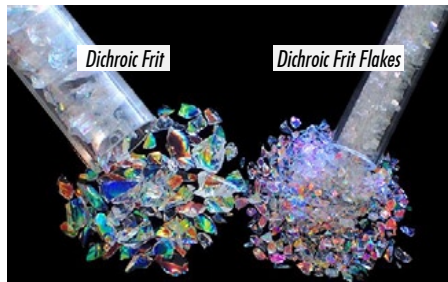
CRINKLIZED DICHROIC SCRAP in 4 oz assortments

- COE 90 Black (#D 90 SCBK)
- COE 90 Clear (#D 90 SCCK)
- System 96 Black (#D 96 SCBK)
- System 96 Clear (#D 96 SCCK)



Example above shows an uncapped post-fired piece of Crinklized Dichroic

DICHROIC FRIT - CBS takes frit, spreads it on a tray and carefully coats the particles on many sides. You end up with much more dichroic effect in a rainbow of colors using this method. Two styles are available.



- DICHROIC FRIT in 2 oz tubes. Particles are roughly the same size as COARSE frits. Stocked in black and clear frits with a variety of coatings available.

COE 90 CAT#	DESCRIPTION	SYS 96 CAT#
DF 90 B RB1	Black Frit - Rainbow 1	DF 96 B RB1
DF 90 C RB1	Clear Frit - Rainbow 1	DF 96 C RB1
DF 90 C CC	Clear Frit - Cyan/Copper	DF 96 C CC
DF 90 C CZ	Clear Frit - Cyan/Dk Dk Red	DF 96 C CZ
DF 90 C EG	Clear Frit - Emerald Green	DF 96 C EG
DF 90 C YB	Clear Frit - Yellow/Blue	DF 96 C YB



- DICHROIC FRIT FLAKES in 1 oz tubes. Much smaller particles for more pzzz. Particles are roughly the same size as MEDIUM frits. Available in clear or black with Rainbow 1 coating only.

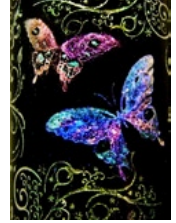
COE 90 CAT#	DESCRIPTION	SYS 96 CAT#
DF 90 B RB1	Black Frit Flakes - Rainbow 1	DF 96 B RB1
DF 90 C RB1	Clear Frit Flakes - Rainbow 1	DF 96 C RB1



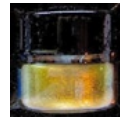
DICHROIC EXTRACT - is a pure form of CBS's high quality coatings literally extracted OFF of the glass and preserved in a glass container. This innovative method gives the user a stable, brilliantly colored dichroic effect. Available in six solid colors and a sample set. And, since there is no COE associated with Dichroic Extract, it can be used much like a gold-flake or powder.



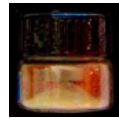
We have seen amazing results when this new product is used in flame-working, glass blowing, fusing, stippling, painting and various other artistic methods.



- JAR 1/8 SHEET EQUIVALENT



#DX CC 8
Cyan/Copper



#DX CZ 8
Cyan/Dk Dk Red



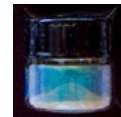
#DX EG 8
Emerald Green



#DX GM 8
Green/Magenta



#DX RS 8
Red/Silver



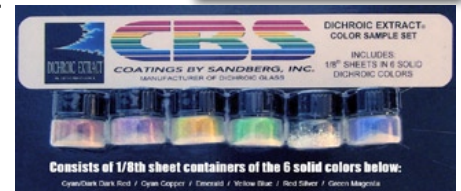
#DX YB 8
Yellow/Blue

HELPFUL HINT: CBS Dichroic Extract is not sold by weight or volume, but rather by sheet glass equivalent.

After the extraction process the premium colors tend to be large grain in appearance and the standard colors are more powdered texture. The large grain extract appears to contain more but CBS assures that this is not the case. The large grains may be broken down to a more powdered form should you desire a different look.

Don't use too much as it can produce a gray result. Dichroic Extract follows the adage of "less equals more."

- CBS DICHROIC EXTRACT SAMPLE SET - You get a 1/8th sheet equivalent of six different dichroic colors including two premium coatings (red/silver and green/magenta).

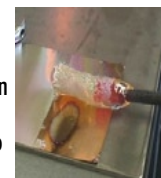


DICHROIC COATED COPPER FOIL (#D FOIL)

CBS has found a way to give you A PURE TRIPLE THICK DICHROIC COATING with out the glass. A very heavy layer of CBS dichroic material is deposited on a 6x12" sheet of copper. You can then use the coating, all by itself without any base glass, in beads, kiln fired jewelry and in kiln fired castings. The dichroic coating is bright and silvery with rainbow highlights throughout. NO COE TO WORRY ABOUT. Use this product with any glass as the coating will expand, contract and flex as you work your glass.

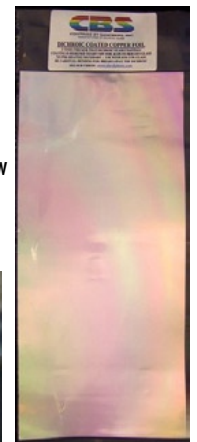
BEAD MAKING / TORCH WORK:

Use a craft knife to score the dichroic surface into the width desired. You can then cleanly pick up the dichroic material by marvering a hot gather of glass (see photo at right)



KILN WORKING THE COATING:

For making kiln worked coatings (kiln fired jewelry or kiln cast objects), the "scrape with a craft knife" method seems to be the most popular. After scraping the coating from the copper, you can manipulate the flaked coating on your base glass. Most artists will then cap over the dichroic flakes for added depth.



Key to CBS Dichroic Catalog Numbers

CBS Dichroic sheet glass can be made into thousands of different variations. Below you will find an explanation to the number system that we use for the CBS Dichroic sheets that we sell.

D 96 BT 00 MG 88	
COE OF THE BASE GLASS	
D 90	COE 90, Original Coating
D 96	COE 96, Original Coating
DC 90	COE 90, Crinklized Coating
DC 96	COE 96, Crinklized Coating

D 96 BT 00 MG 88	
COLORS & TEXTURES OF THE BASE GLASS	
B	Black, 3mm
BT	Black, 2mm, thin
BR	Black, Radium 3mm
BRT	Black, Radium 2mm
BFP	Black, Fipple
BG	Black, Granite
BGR	Black, Granite Ripple
BHR	Black, Herringbone Ripple
BTF	Black, Thin Fibroid
C	Clear, 3mm
CT	Clear, 2mm, thin
CFP	Clear, Fipple
CG	Clear, Granite
CGR	Clear, Granite Ripple
CHR	Clear, Herringbone Ripple
CRR	Clear, Radium Ripple
CTR	Clear, Thin Radium
CTF	Clear, Thin Fibroid








SPECIALTY GLASS
Specialty Glass, such as Spirit, Opal Art, Fracture/Streamer or other styles will have the Specialty Glass's catalog number inserted in this spot.




























Example: D 96 43176 00 RSB would be Murano Spirit System 96 glass with Red/Silver Blue coating










Example: D 90 2024 HC RB1 would be Bullseye red opal streaked on clear with Honey Comb pattern

Other styles and textures of glass may be available from time to time or can be special ordered. Please inquire for availability and pricing.

Smooth Black and Clear in 3mm thicknesses are special order items. All smooth that we stock is THIN

D 96 BT 00 MG 88	
PATTERNS	
	00 Double Zero indicates NO pattern applied. Solid, standard coating
	AB Aurora Borealis, diffuse clouds of color. Can be done in any coating.
	BA1 Ballons 1 (1" circles) Mixture coating
	BA3 Ballons 3 (3" circles) Mixture coating
	BX1 Boxes 1 (1/4" squares), Mixture coating
	BX2 Boxes 2 (1" squares), Mixture coating
	BR Brick Pattern (1/2 x 1/8" brick pattern), Rainbow 1 (RB1) Coating
	CL Cool Lava, Blotches of color on Rainbow 2 Coating (RB2)

D 96 BT 00 MG 88	
PATTERNS (continued)	
	CS Cork Screw, curly patterns running through Mixture (MX) Coating
	DT1 Dot 1, 1/16" diam dots on Rainbow 1
	DT2 Dot 2, 1/8" diam dots on Rainbow 1
	DT3 Dot 3, 1/2" diam dots on Rainbow 1
	FS Fusion, diffuse blobs of color with curly patterns. Can be done in any coating
	GEO Geodesic
	HC Honey Comb, 1/4" cells on RB1
	HL Hot Lava, Blotches of color, RB1
	M1 Marquis 1, 11/16 x 1/8 stretched hexagons on Rainbow 1
	M2 Marquis 2, 7/8 x 1/4" stretched hexagons on Rainbow 1
	PX Pixie Stix, Jumbled lines on different coatings
	PZ Puzzle, tight squares with deckled edges, on Rainbow 1 or Mixture
	RP Reptilian, scaly look on Mixture (MX)
	SA Stripes A, 3/4" wide stripes.
	SB Stripes B, 1 1/2" wide stripes.
	SC Stripes C, 2" wide stripes.
	SD Stripes D, 6" wide stripes.
NOTE: Stripes are referred to as "Rainbow Stripes". Made in any coating, but most popular coatings are CZ or MX (shown).	
	SP Splatter, random splatters of dichroic with areas with no coating. Can be done in any coating (RB2 shown)
	SQ1 Square 1, 1/8" squares on Rainbow 1
	SQ2 Square 2, 3/16" squares on RB1
	SQ3 Square 3, 1/4" squares on RB1
	SQ5 Square 0.5, 1/16" squares on RB1
	SR Splinter Rainbow - More intense crackling than Crinklized Dichroic. Made with Rainbow 3 coating.
	TR Target Rainbow, concentric rainbow circles
	TRH Half Target Rainbow
NOTE: TR can be done as "full" (more popular) or "half" rainbows. The half rainbow has fewer colors in larger circles. TR is usually done with CZ coating but can be done with CC and GMB coatings.	
	V Voltage, electrically charged bolts emanating from the center. Can be done in any coating (MX shown)
	VTR Voltage Target Rainbow, electrically charged bolts emanating from the center. Can be done in any coating (CAR shown)
NOTE: Factory may refer to "Pattern" as "Tooling"	

D 96 BT 00 MG 88	
COATINGS APPLIED	
	AQ Aqua
	BC Black Cherry
	BG Blue/Gold
	CAR Candy Apple Red
	CC Cyan/Copper
	CR Cyan/Red
	CX Cyan/Dark Red
	CZ Cyan/Dark Dark Red
	EG Emerald Green
	GM Green/Magenta = PREM
	GMB Green/Magenta Blue = PREM
	GP Green/Pink = PREM
	MG Magenta/Green
	MX Mixture, pastel colors vared as they spread across the glass surface
	PT Pink/Teal
	PUR Purple
	RB1 Rainbow 1, wamer, primary colors, banded across the surface.
	RB2 Rainbow 2, cooler, pastel colors banded across the surface = PREM
	RB3 Rainbow 3, looks muted until fired, used for Splinter coating and for torch work = PREM
	RS Red/Silver (also called "Silver") PREM
	RSB Red/Silver Blue = PREM
	SAL Salmon
	VIO Violet
	YB Yellow/Blue
	YP Yellow/Purple
	YV Yellow/Violet
NOTE: Coatings are shown in the order of "transmitted color / reflected color"	
Coatings that do not have a "/" are reflected colors. These coatings are not usually applied to Clear base glasses as the transmitted colors are generally weak.	
Coatings noted as PREM above are premium coatings	

6/25/2015