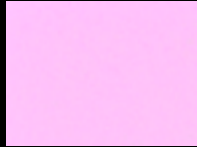


**DOUBLE ROLLED SMOOTH**



**60-005-96F**  
Clear/White Streaky  
B+FS



**60-015-96F**  
**61-015-96F**  
Urobium Pink  
I+FS



**60-015-IR-96F**  
**61-015-IR-96F**  
Urobium Pink  
Iridescent  
I+X+FS



**NEW**

**60-070-96F**  
Cloud Opal  
C+FS



**60-2502-96F**  
Red Opal  
F+FS



**60-2702-96F**  
Orange Opal  
F+FS

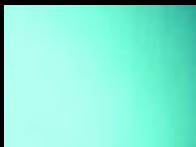


**NEW**

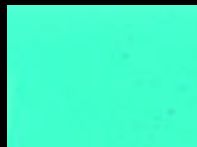
**60-29-96F**  
White Opal,  
Gold Pink  
H+FS



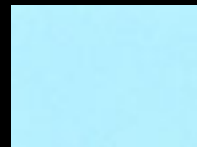
**60-355-96F**  
Marigold Opal  
D+FS



**61-402-96F**  
Aqua Blue (Thin)  
C+FS



**60-402-IR-96F**  
**61-402-IR-96F**  
Aqua Blue Iridescent  
C+X+FS



**60-404-96F**  
**61-404-96F**  
Sapphire  
B+FS



**60-404-IR-96F**  
**61-404-IR-96F**  
Sapphire Iridescent  
B+X+FS



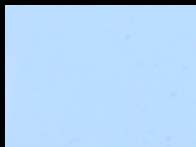
**NEW**

**60-421-96F**  
Riviera Blue Opal  
C+FS



**NEW**

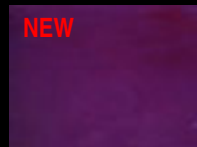
**60-424-96F**  
Cobalt Blue  
C+FS



**60-476-96F**  
**61-476-96F**  
Neon Orchid  
I+FS



**60-476-IR-96F**  
**61-476-IR-96F**  
Neon Orchid Irid.  
E+X+FS



**NEW**

**60-520-96F**  
Plum Opal  
C+FS



**NEW**

**60-602-96F**  
Flame Opal  
F+FS



**NEW**

**60-611-96F**  
Lt. Cherry Red  
E+FS

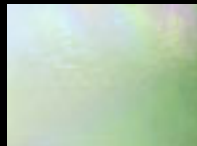


**NEW**

**60-612-96F**  
Grenadine Red  
E+FS



**60-707-96F**  
**61-707-96F**  
Citron  
B+FS



**60-707-IR-96F**  
**61-707-IR-96F**  
Citron Iridescent  
B+X+FS



**NEW**

**60-7312-96F**  
Lime  
B+FS



**NEW**

**60-755-96F**  
Fern Green Opal  
C+FS



**60-774-96F**  
**61-774-96F**  
Ming Green  
B+FS

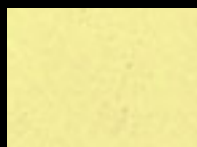


**60-774-IR-96F**  
**61-774-IR-96F**  
Ming Green Irid.  
B+X+FS

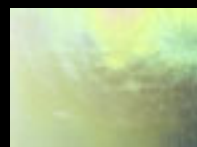


**NEW**

**60-782-96F**  
Olive Green Opal  
C+FS



**60-906-96F**  
**61-906-96F**  
Straw  
C+FS



**60-906-IR-96F**  
**61-906-IR-96F**  
Straw Iridescent  
C+X+FS

Typical Thickness:  
60 - 3mm  
61 - 1.8mm

**HERRINGBONE  
RIPPLE**



**50-00-IR-96F**  
Clear Iridescent  
C+X+FS

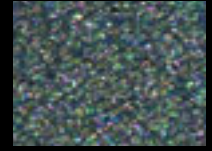


**50-56-IR-96F**  
Black Iridescent  
E+X+FS

**GRANITE  
RIPPLE**



**51-00-96F**  
Clear  
C+FS



**51-00-96F**  
Clear  
C+FS

**RIPPLED  
RADIUM**



**58-00-96F**  
Clear  
C+FS



**58-56-96F**  
Black  
E+FS

**RIPPLED  
RADIUM  
IRIDESCENT**



**58-00-IR-96F**  
Clear Iridescent  
C+X+FS

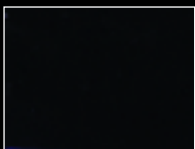


**58-56-IR-96F**  
Black Iridescent  
E+X+FS

**DOUBLE  
ROLLED  
SMOOTH**

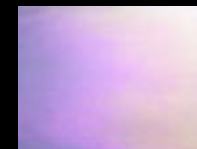


**60-00-96F**  
**61-00-96F**  
Clear  
AA+FS

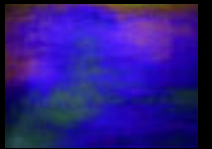


**60-56-96F**  
**61-56-96F**  
Black  
C+FS

**DOUBLE  
ROLLED  
IRIDESCENT**

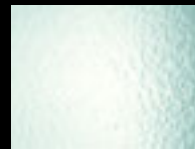


**60-00-IR-96F**  
**61-00-IR-96F**  
Clear Iridescent  
AA+X+FS

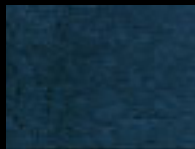


**60-56-IR-96F**  
**61-56-IR-96F**  
Black Iridescent  
C+X+FS

**GRANITE**



**65-00-96F**  
Clear  
A+FS

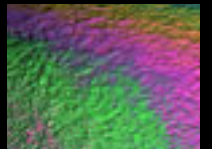


**65-56-96F**  
Black  
C+FS

**GRANITE  
IRIDESCENT**



**65-00-IR-96F**  
Clear Iridescent  
A+X+FS



**65-56-IR-96F**  
Black Iridescent  
C+X+FS

**FIBROID**



**70-00-96F**  
Clear  
A+FS



**70-56-96F**  
Black  
C+FS

**RADIUM**



**80-00-96F**  
Clear  
A+FS



**80-56-96F**  
Black  
C+FS

**FRACTURE/  
STREAMER**



**11-25-96F**  
Clear w/Green Fractures;  
Green Streamers  
G+FS



**11-29-96F**  
Clear w/Green & Pink, Fractures;  
Green Streamers  
H+FS



**11-45-96F**  
Clear w/Green & Red Fractures;  
Green Streamers  
G+FS



**11-51-96F**  
Clear w/Green, Blue & Purple,  
Fractures; Green Streamers  
G+FS

**MARDI GRAS  
SHEETS**



**NEW**  
**13-200-96F**  
Clear w/White Stringers & Frit  
H+FS



**NEW**  
**13-2502-96F**  
Clear w/Red Stringers & Frit  
H+FS



**NEW**  
**13-2602-96F**  
Clear w/Yellow Stringers & Frit  
H+FS



**NEW**  
**13-5262-96F**  
Clear w/Lime Stringers & Frit  
H+FS



**NEW**  
**13-5333-96F**  
Clear w/Deep Aqua Stringers & Frit  
H+FS



**NEW**  
**13-56-96F**  
Clear w/Black Stringers & Frit  
H+FS

**INTRODUCING  
NEW  
STREAKIES**



**NEW**  
**60-4240-96F**  
Cobalt Blue/Clear Streaky  
C+FS



**NEW**  
**60-4245-96F**  
Cobalt Blue/Streaky  
C+FS



**NEW**  
**60-5000-96F**  
Chocolate on Clear Streaky  
C+FS



**NEW**  
**60-5005-96F**  
Chocolate on White Streaky  
C+FS



**NEW**  
**60-5600-96F**  
Black/Clear Streaky  
C+FS



**NEW**  
**60-5605-96F**  
Black/White Streaky  
C+FS



**NEW**  
**60-6120-96F**  
Grenadine/Clear Streaky  
E+FS



**NEW**  
**60-6125-96F**  
Grenadine/White Streaky  
E+FS



**NEW**  
**60-7550-96F**  
Fern Green/Clear Streaky  
C+FS



**NEW**  
**60-7555-96F**  
Fern Green/White Streaky  
C+FS

## UROBOROS NOODLES & STRINGERS

Noodles resemble the familiar pasta fettuccini. 5mm width makes them suitable for creating attractive imagery. They can be pre-formed using a candle or torch, used in beads, stacked with stringers, fused to create Murrini, overlapped, woven and tack fused to create baskets etc. Edges are fire polished.

Noodles packed in a transparent plastic tube.

See page A27.



## SYSTEM 96® DICHROIC NOODLES

12 pieces 5mm x 1mm x 16.5" long.

**Cat. No. URN0096D**

Rainbow Dichroic Clear Noodles 96 C.O.E.

**Cat. No. URN5696D**

Rainbow Dichroic Black Noodles 96 C.O.E.

## SYSTEM 96® TRANSPARENT AND OPAL FRIT

Each color may be purchased in powder form, or three different sizes of frit. Neatly packaged in transparent bottles for easy color recognition and storage. Net wt. 8.5 oz. (241g). Grain sizes listed below:

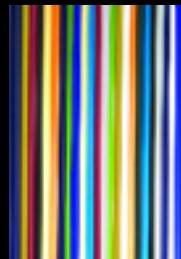
<b>Powder size (-01)</b>	.005 - .01" (.13 - .25mm)
<b>Fine Frit (-02)</b>	.01 - .03" (.25 - .75mm)
<b>Medium Frit (-03)</b>	.03 - .1" (.75 - 2.5mm)
<b>Coarse Frit (-05)</b>	.1 - .3" (2.5 - 7.6mm)

See Page A24.



## SYSTEM 96® COLOR BILLETS SAMPLE BOX

Urobium Pink, Neon Orchid, Citron, Ming Green, Straw, Sapphire, Zinc, Aqua Blue and Water Clear! 2" x 3" samples of these deep color billets known for their clarity, quality and consistency. Box is 13" x 5.5" x 5" and weighs 5 lbs. Special order only.



## SYSTEM 96 RODS

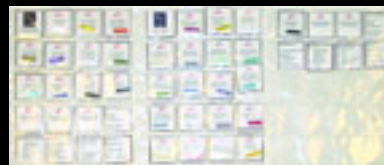
Colored rods suitable for Fusing, Lampworking and Blowing. System 96 rods are compatible with other Systems 96 colored sheets, frit, stringers, noodles and casting billets.

Available in 47 attractive colors; Transparent or Opalescent. System 96 rods are made from remelted System 96 sheet glass. Therefore all the properties of the compatible sheet glass pertain to the rods. The melting, annealing temperatures will be the same.

Annealing Point:	Transparents - 950°F (510°C)
	Opals - 940°F (504°C)
Strain Point:	Transparents - 898°F (481°C)
Softening Point:	1250°F (677°C)

Rods are 19-1/2" (50cm) long x 1/4" (6mm) diameter. Sold by the pound (454gm). Each rod weighs approx. 1.2 oz (34g). Packaged 4 pounds, 24 pounds to the case (10.9kg).

See Page B24.



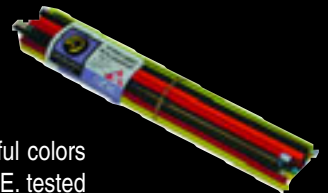
## SAMPLE SET SYSTEM 96 RODS

**Cat. No. 1544-SET**

## MARDI GRAS ROD SAMPLER

**Cat. No. 1544-SAMP**

31 Uroboros Rods in bright beautiful colors reminiscent of Mardi Gras. 96 C.O.E. tested compatible. 10" in length.



## SYSTEM 96® SAMPLE BOX

Samples of glass sheet colors and textures currently available from Uroboros, Spectrum and a Dichroic sample from CBS, Inc. Uroboros Frit, Noodles and Stringer included.

Uroboros Glass pushes the limits of technology and traditional handmade craftsmanship to bring you the finest art glass in the world. With more than 150 color combinations to choose from, the palette offers color exclusives you can't find anywhere else.

Available in more than a dozen styles and textures,

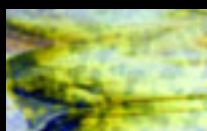
Uroboros Glass meets the highest standards for consistent quality and cutability.



**RING  
MOTTLE**



00-031 **E**  
Pastel Pink  
and White



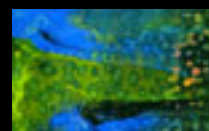
00-036 **E**  
White, Bud Green,  
Blue Green, Dk. Brown



00-05 **E**  
White



00-07 **E**  
Blue-Gray



00-141 **E**  
Green, Mossy Brown,  
Amber, Violet



00-20 **E**  
Ruby and Red  
on White



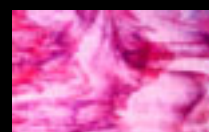
00-21 **E**  
Ruby, Golden Yellow,  
Red on White



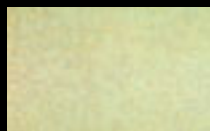
00-288 **H**  
Dolphin Opal, Blue,  
Gold-Pink, Gold-Purple



00-29 **H**  
Gold-Pink and White



00-294 **K**  
Urobium, Magenta and  
Crimson Pink



00-33 **E**  
Honey-Amber



00-331 **E**  
Honey, Lemon Yellow,  
Sage



00-36 **E**  
Lemon and Golden  
Yellow on White



00-361 **E**  
Amber and Lemon  
Yellow on White



00-40 **F**  
Steel Blue, Sky Blue on  
White



00-41 **E**  
Blue and Yellow  
on White



00-43 **F**  
Light Blue and Violet  
Blue



00-44 **E**  
Violet Blue and  
Lavender



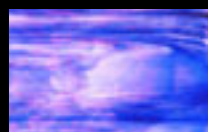
00-475 **H**  
Sea Grass, Lavender,  
Purple, Brown



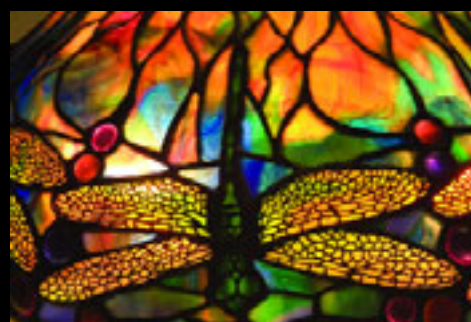
00-485 **F**  
Cobalt, Emerald, Spring  
Green, Purple



00-49 **H**  
Gold-Purple and White



00-492 **H**  
Gold-Purple, Cobalt  
Blue on White



**GENERAL SPECIFICATIONS**

**ART GLASS**

Sheet Sizes (We will send whatever sheet size available at time of order.)

5.0 sq. ft. 24" x 30" (61 cm x 76 cm) avg. weight 8.25 lbs (3.75 kg)

4.0 sq. ft. 24" x 24" (61 cm x 61 cm) avg. weight 6.60 lbs (3.00 kg)

Typical Thickness: .125" (3 mm)

## A WORD ABOUT COLOR

The color photographs have been printed with great care. However, printed materials can never fully capture the beauty of reflected or transmitted light. We recommend using an actual Uroboros glass sample set or viewing their website for better color matching.



00-50 **H**  
Blue, Gold-Pink,  
Spring Green



00-545 **E**  
Cobalt, Plum, Emerald,  
Clear



00-60 **E**  
Yellow, Orange and  
Greens



00-61 **E**  
Orange, Red,  
White, Greens



00-621 **E**  
Red and Orange,  
with Yellow

### RING MOTTLE continued



00-69 **H**  
Gold-Pink, White, Forest  
Green



00-70 **F**  
Emerald, Spring Green  
with Red, Amber, Blue



00-731 **E**  
Avocado and Forest  
Green, Amber



00-74 **F**  
Emerald, Spring Green,  
Light Green



00-752 **F**  
Verdant Green,  
Lemon Yellow



00-756 **F**  
Clear, Green-Blue and  
Dk. Green



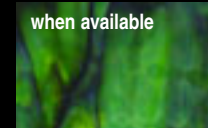
00-76 **E**  
Dark Green, Yellow  
on White



00-78 **E**  
Light Green with  
Spring Green



00-79 **E**  
Celery Green, Deep  
Forest Green



00-793 **E**  
Khaki, Dk. Green,  
Yellow-Green w/Cream



00-911 **F**  
Coffee, Yellow,  
Dk. Brown



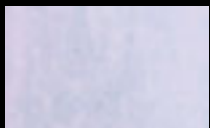
00-913 **E**  
Coffee, Emerald  
and Cream



00-916 **F**  
Dolphin Opal, Coffee  
Brown, Green



00-917 **E**  
Brandied Peach  
on White



20-055 **E**  
White, Dense White and  
Clear



20-074 **E**  
Dolphin Opal, Sesame



20-362 **E**  
Goldenrod, Yellow-Amber



20-42 **E**  
Cerulean Blue, Lt. Blue



20-546 **E**  
Plum Opal, Plum  
Transparent

### SPOT MOTTLES



20-626 **F**  
Red Opal, Plum  
Transparent



20-732 **E**  
Avocado Opal,  
Yellow-Green



20-765 **E**  
Chartreuse Opal,  
Transparent Green



20-796 **E**  
Blue-Green Opal,  
Lt. Blue



20-918 **E**  
Red-Amber,  
Pale Amber



20-92 **E**  
Antique White Opal,  
Yellow Amber

Uroboros has been manufacturing beautiful glass for artists and craftspeople like you since 1973. They have a reputation for providing the highest quality glass available today. The three product categories – Art Glass, 90 COE Fusible and System 96™ Fusible – come in an exceptional range of sophisticated colors, textures and styles for use in both traditional and contemporary designs.

**FRACTURE**



10-02 **H**  
Pale Green w/Green & Blue Fractures



10-16 **H**  
Turquoise Brown w/mini Fractures



10-40 **H**  
White w/Gold-Pink/ Green/Blue Fractures



10-55 **H**  
Blue & White w/Green, Blue & Brown Fractures

**FRACTURE/ STREAMER**



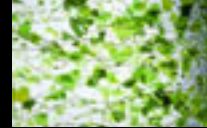
11-006 **H**  
Clear & White w/ White Fractures, Clear Streamers



11-12 **H**  
Yellow & White w/Yellow, Orange Fractures & Brown Streamers



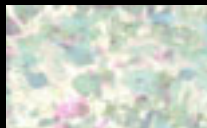
11-13 **H**  
White w/Blue/Green Fractures, Green Streamers



11-25 **H**  
Clear w/Green Fractures, Green Streamers



11-29 **H**  
Clear w/Green, Gold-Pink Fractures, Green Streamers



11-295 **H**  
Clear, Wht w/Gold-Pink White Fractures, Green Streamers



11-296 **H**  
Clear, Gold-Pink w/ White Fractures, Clear Streamers



11-35 **H**  
Clear w/Green/Yellow Fractures, Green Streamers



11-38 **H**  
Clear w/Yellow, Orange, Red Fractures, Brown Streamers



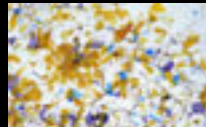
11-45 **H**  
Clear w/Green/Red Fractures, Green Streamers



11-51 **H**  
Clear w/Purple/Blue Fractures, Green Streamers



11-86 **H**  
Blue, Green w/Gold-Pink Fractures, Brown Streamers



11-91 **H**  
Clear w/Amber, Blue, Purple Fractures, Brown Streamers

**STREAMER**



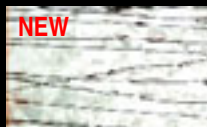
12-297 **H**  
Clear, White, Gold-Pink, Blue, Clear Streamers



12-543 **G**  
Blue, Purple, Cream, Clear Streamers

Streamers are "hand thrown".  
Stringers are "machine pulled".

**FRACTURE/ STRINGER**



14-05 **H**  
White Fracture/ White Stringer



14-406 **H**  
White & Blue Fracture/Blue Stringer



14-524 **H**  
White & Plum Fracture/Black Stringer



14-921 **H**  
White & Amber Fracture/Black Stringer

**COLLAGE**



CG-SPRING **M**  
Pinks & Greens, Lacy White



CG-SUMMER **M**  
Yellow & Orange, Purple & Blue, Greens



CG-FALL **M**  
Amber, Golden Yellow & Flame, Evergreen



CG-WINTER **M**  
Blue, Plum, Taupe, Black & White

## HERRINGBONE GRANITE RIPPLE



50-00-90F **C+FS**  
Clear



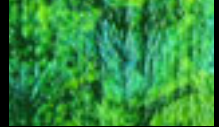
50-00-90-IR-F **C+X+F**  
Clear Irid



50-05 **C**  
White



50-14 **D**  
Light Brown, Dark  
Brown, and Green



50-15 **C**  
Emerald, Chartreuse,  
Turquoise Green



50-29 **G**  
Gold-Pink and  
White



50-542 **E**  
Blues and Violet, Clear,  
White



50-74 **E**  
Emerald, Spring and  
Light Greens



50-912 **C**  
Butterscotch and Coffee

## GRANITE RIPPLE



51-00-90F **C+F**  
Clear



51-361 **C**  
Amber, Yellow  
on White



51-778 **D**  
Turquoise, Olive,  
Blue-Green, Dk. Green



51-914 **D**  
Dark Brown, Coffee,  
Butterscotch

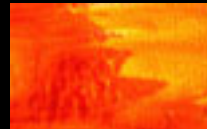
## SMOOTH RIPPLE



52-20 **D**  
Ruby and Red  
on White



52-48 **C**  
Aqua Blue, Sea Green,  
White



52-62 **D**  
Yellow, Red, Pumpkin on  
White



52-85 **E**  
Blue, Green, White  
Gold-Pink, Violet

Section of 32' diameter dome  
Part of a 178' glass ceiling  
Kansas City Station  
Savoy Studios

## DRAPERY



55-04 **J**  
Off-White, Gold-Pink,  
Gold-Purple



55-05 **J**  
White



55-29 **J**  
Gold-Pink and White

## SAMPLE SETS AND KITS

### ART GLASS SAMPLE SET

Each of the 195 2.5" x 2.5" samples is painstakingly selected to represent principal color mix, cross-color interface, texture and light transmission. This huge selection will assist you in your design decisions!

### GARDEN VARIETY PACK

It's a complete project in a box. Contains 25 complimentary 6" x 12" pieces of flower, leaf and background glass. Garden Variety offers some pleasant surprises as the available glass varies throughout the year. 12.5 sq. ft., weight 26 lbs.

### CUT UPS

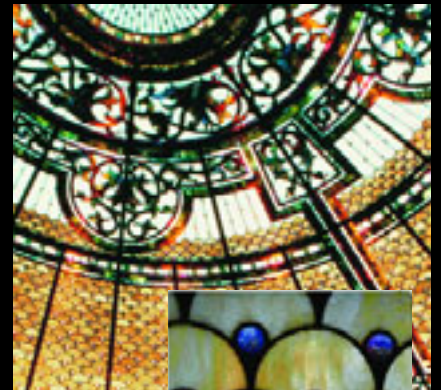
Very popular. Each box includes a fresh, full assortment of styles and textures ranging from classics to experiments. 20 12" x 12" pieces of Art Glass. (weight 40 lbs.)

### PRIME CUTS CASE

Here's a big selection of Art Glass colors and textures packaged in a handsome 36"L x 13"W x 31"H wooden storage case! You get 86 sq. ft. (150 lbs) in three useful sizes: 12" x 12", 9" x 12" and 6" x 12".

### SHORT CUTS CASE

20 hand picked Curious half-sheets, 15" x 24". From the mysterious to the sublime - they never fail to please. Includes one iridized sheet for good luck. 50 sq. ft., 83 lbs, case measures 32"W x 7"D x 21"H.

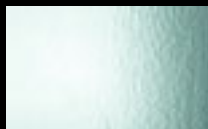


Detail showing Amber and  
Cream Granite, 65-92.

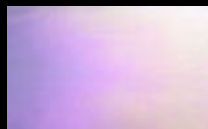
# Art Glass UROBOROS

## STREAKY

Uroboros



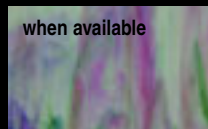
60-00-90F AA+F  
Clear



60-00-90-IR-F AA+X+F  
Clear Irid



60-005 B  
Clear with Wispy White



when available  
60-04 E  
Off White w/Gold Pink,  
Gold Purple and  
Spring Green



60-05 B  
White



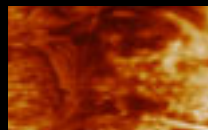
60-14 C  
Lt. Brown, Dk. Brown,  
Emerald Green



60-16 C  
Light Brown and  
Turquoise Green



60-165 D  
Greens, Browns  
and Yellow



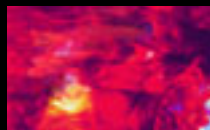
60-171 E  
Cappuccino  
and Paprika



60-191 C  
Blue, Honey, Yellow,  
Green Highlights



60-20 C  
Ruby and Red  
on White



60-25 E  
Crimson, Red, Pumpkin,  
White, Clear



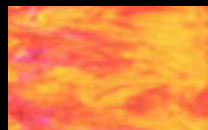
60-285 L  
Cream, Gold-Pink and  
Clear



60-287 L  
Cream, Gold-Pink, Green



60-290 F  
Gold-Pink, Yellow  
on White



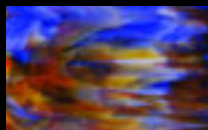
60-291 H  
Gold-Pink, Lemon Yellow,  
White



60-37 C  
Orange, Yellow on White



60-38 D  
Green, Orange &  
Pumpkin



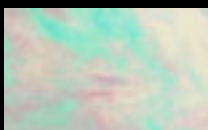
60-39 C  
White, Cobalt, Red-  
Orange w/Green



60-391 E  
Yellows, Blues, Reds



60-41 E  
Dark Blue, White,  
Gold-Pink, Amber



60-466 C  
Sky Blue, White, Pastel  
Pink



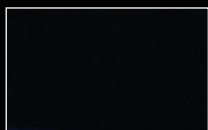
60-54 D  
Cobalt & Sky Blues,  
White, Gold-Purple



60-541 H  
Cobalt, Sky Blue,  
Violet, Gold-Purple



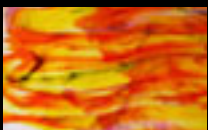
60-543 C  
Regatta Blue, Purple,  
Cream



60-56-90-F C+FS  
Black



60-56-90-IR-F C+X+F  
Black Irid



60-60 D  
Yellow, Orange, White,  
Greens



60-61 D  
Orange, Red,  
White, Greens



60-625 G  
Opal Red with  
Dark Red



60-64 G  
Gold-Pink, Red, White,  
2 Greens



60-70 D  
3 Greens, Blue,  
Red, Amber



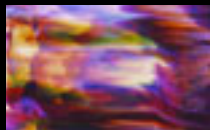
60-74 D  
Emerald, Spring and  
Light Greens



60-751 B  
Green, Honey Ivory on  
White



60-77 D  
Forest Green and  
Chartreuse



60-91 D  
Honey Amber  
and Coffee



60-915 C  
Golden Amber, Yellow,  
White



60-96 E  
Yellows, Blues, Reds,  
Greens, Gold-Pink



Leaves by  
Lucartha Kohler

## GRANITE



65-00-90F **A+F**  
Clear



65-00-90-IR-F **A+X+F**  
Clear Irid



65-05 **B**  
White



65-14 **C**  
Dk. & Lt. Brown,  
Emerald Green



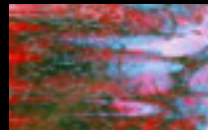
65-145 **F**  
Dk. & Lt. Brown, Spring  
& Lt. Green, Cream  
w/Brown Streamers



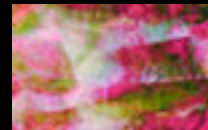
65-17 **B**  
Light and Dark Browns



65-19 **B**  
Light and Dark Browns,  
Sky Blue



65-20 **C**  
Ruby and Red  
on White



65-287 **L**  
Cream, Gold-Pink, Forest  
Green



65-29 **F**  
Gold-Pink  
and White



65-293 **L**  
Jonquil, Raspberry, Blue



65-299 **H**  
Clear, White, Gold-Pink,  
Purple



65-35 **D**  
Canary Yellow



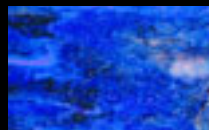
65-48 **B**  
Aqua Blue, Sea Green  
on White



65-49 **F**  
Gold-Purple  
and White



65-540 **C**  
Sky Blue, White, Cobalt  
Blue, Purple



65-542 **D**  
Blues, Violets  
and Clear



65-56-90-IR-F **C+X+F**  
Black Irid



65-59 **F**  
Gold-Pink, Spring  
Greens on White



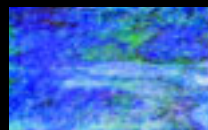
65-74 **D**  
Emerald, Spring  
and Light Greens



65-785 **C**  
Seacrest Opal, Antique  
White Opal, Green,  
Brown



65-85 **D**  
Blue, Green,  
Gold-Purple, Gold-Pink



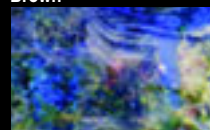
65-85-IR **D+IR**  
Blue, Green, Gold-  
Purple, Gold-Pink Irid.



65-850 **I**  
Gold-Pink, Gold-Purple,  
Blue, Green



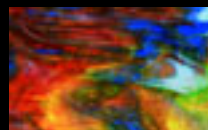
65-851 **D**  
Sky Blue, Sea Green,  
White, Gold-Pink



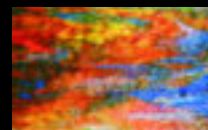
65-86 **F**  
Steel Blue, Green,  
Seafoam, Cream w/Pink,  
Blue, Green Fractures



65-92 **B**  
Amber, Yellow  
on Cream



65-95 **E**  
Blues, Red, Yellow,  
Green, Gold-Pink



65-95-IR **E+IR**  
Blues, Yellow,  
Gold-Pink, Irid



65-951 **E**  
Yellow, Red, Blue,  
Gold-Pink, White

## GRANITE MOTTLE



66-030 **E**  
Pastel Pink, White,  
Plum, Green



66-298 **L**  
Gold-Fuchsia,  
Raspberry



66-366 **E**  
Canary Yellow  
on White



66-793 **E**  
Khaki, Dk. Green,  
Yellow-Green w/Cream

## FIBROID



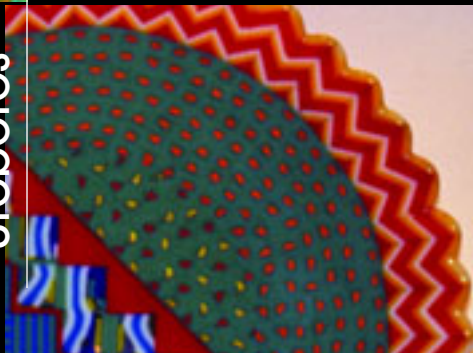
70-00-90F **A+F**  
Clear



70-56-90-IR-F **C+X+F**  
Black Irid



70-70 **C**  
3 Greens with Red,  
Amber, Blue

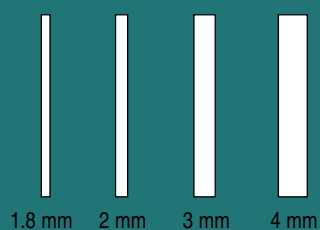


Square with Flare, Evie Ault, 15" diameter

**FUSIBLE GLASS**

Uroboros has been producing tested compatible fusible products since 1989. Fusible glass undergoes the most rigorous testing in the industry and is available at two expansion points – 90 COE and System 96™. Uroboros 90 COE is tested compatible with Bullseye glass and, for glass blowers, is compatible with East Bay 91 and Spruce Pine 83. In partnership with Spectrum Glass, Uroboros System 96™ products proudly carry the red System 96 logo. It is compatible with East Bay “Special”, Spruce Pine “87”, Glasma batch #71 and Glasma Studio batch.

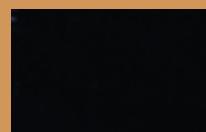
**THICKNESS LEGEND**



1.8 mm = 61, 71, 81 Styles  
 2 mm = 632 Style  
 3 mm = 60, 63 Styles  
 4 mm = 634 Style



Clear		632-00-90	Z
60-00-90	AA	63-00-90	Z
61-00-90	AA	63-00-90-IR	Z+IR
		634-00-90	ZZ



Black			
60-56-90			C
61-56-90			C

**ANNEALING AND STRAIN POINTS**

**90 COE**

**Typical Specific Gravity:** 156 – 158 pounds per cubic foot (2.5 – 2.54 grams per cubic centimeter)

**Typical Annealing Points:** Transparents: 975°F +/-10°F (525°C +/-4°C)  
 Opals: 955°F +/-10°F (512°C +/-4°C)

**Typical Strain Points:** Transparents: 910°F +/-10°F (488°C +/-4°C)  
 Opals: 875°F +/-10°F (468°C +/-4°C)

**90 COE FUSIBLE GLASS**

**Fusible Sample Set**

You'll find new inspiration in this complete sampling of all smooth and textured fusible glass. 101 2.5" x 2.5" pieces, samples of all Frit sizes, plus samples of Noodles and Stringers.

**Hot Flash**

This kit is hot! It's a tested compatible fusing sampler. 18 pieces 6" x 12" in assorted great colors, plus four pieces of 2" x 4" Dichroic. 9.5 sq. ft., weight 22 lbs.

**Fire Ups**

It's OK to play with fire! 20 pieces 12" x 12" assorted colors and tested compatible glass in all the right colors and textures! 20 sq. ft., wt. 34 lbs

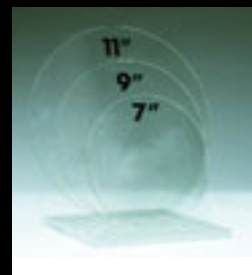
**Precut Shapes**

Get off to a fast start by fusing with these circles cut from 90 C.O.E. Machine-Rolled Fusible Clear. Pre-packed sets of EZ Rounds. Machine Rolled 90.0 C.O.E.

10 circles per box.

Purchase by size:

UR-EZ-710	7" Circles
UR-EZ-910	9" Circles
UR-EZ-110	11" Circles



**HERRINGBONE  
GRANITE  
RIPPLE**



50-00-90F **C+FS**  
Clear



50-00-IR-90F **C+X+FS**  
Clear Irid

**FIPPLE**



57-00-90F **C+FS**  
Clear



57-56-90F **E+FS**  
Black

**GRANITE  
RIPPLE**



51-00-90F **C+FS**  
Clear



51-56-90F **E+FS**  
Black



51-56-IR-90F **E+X+FS**  
Black Irid

**RIPPLED  
RADUM  
NEW**



**NEW**  
58-00-90F **C+FS**  
Clear



**NEW**  
58-00-IR-90F **C+X+FS**  
Clear Irid

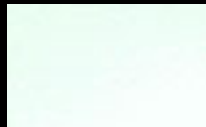


**NEW**  
58-56-90F **E+FS**  
Black

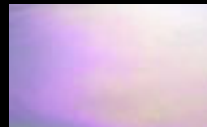


**NEW**  
58-56-IR-90F **E+X+FS**  
Black Irid

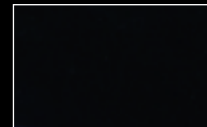
**DOUBLE  
ROLLED  
SMOOTH**



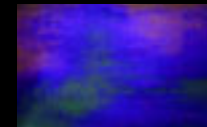
60-00-90F **AA+FS**  
61-00-90F **AA+FS**  
Clear



60-00-IR-90F **AA+X+FS**  
61-00-IR-90F  
Clear Irid

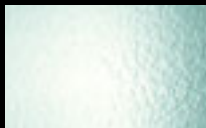


60-56-90F **C+FS**  
Black



60-56-IR-90F **C+X+FS**  
61-56-IR-90F **C+X+FS**  
Black Irid

**GRANITE**



65-00-90F **A+FS**  
Clear



65-00-IR-90F **A+X+FS**  
Clear Irid



65-56-90F **C+FS**  
Black



65-56-IR-90F **C+X+FS**  
Black Irid

**FIBROID**



70-00-90F **A+FS**  
71-00-90F **A+FS**  
Clear



70-00-IR-90F **A+X+FS**  
Clear Irid



70-56-90F **C+FS**  
Black



70-56-IR-90F **C+X+FS**  
Black Irid

**RADIUM**



80-00-90F **A+FS**  
81-00-90F **A+FS**  
Clear



80-00-IR-90F **A+X+FS**  
Clear Irid



80-56-90F **C+FS**  
81-56-90F **C+FS**  
Black



80-56-IR-90F **C+X+FS**  
Black Irid

**MACHINE  
ROLLED  
SMOOTH**



63-00-90F\* **Z**  
Clear



63-00-IR-90F **Z+X**  
Clear Irid



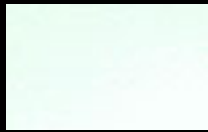
632-00-90F **Z**  
Clear 2mm



634-00-90F **ZZ**  
Clear 4mm

63-00-90F-72 24" x 72" sheets.

**DOUBLE  
ROLLED  
SMOOTH**



60-00-90F **AA+FS**  
61-00-90F **AA+FS**  
Clear



60-00-90-IR-F **AA+X+FS**  
61-00-90-IR-F **AA+X+FS**  
Clear Iridescent



60-56-90F **C+FS**  
Black



60-56-90-IR-F **C+X+FS**  
61-56-90-IR-F **C+X+FS**  
Black Irid



60-005-90F **B+FS**  
Clear w/Wispy  
White Opal



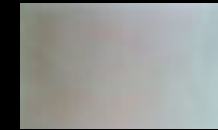
60-0155-90F **I+FS**  
Orchid Opal



60-05-90F **B+FS**  
White Opal



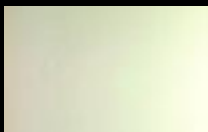
60-071-90F **A+FS**  
Warm Grey



60-073-90F **B+FS**  
Dolphin Opal



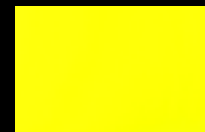
60-076-90F **B+FS**  
Blue Gray Opal



60-330-90F **B+FS**  
Antique White Opal



60-351-90F **C+FS**  
Marigold Opal



60-356-90F **C+FS**  
Lemon Yellow Opal



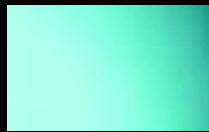
60-357-90F **C+FS**  
Lemon Chiffon



60-400-90F **B+FS**  
Cobalt Blue Opal



60-401-90F **A+FS**  
Sky Blue



60-402-90F **C+FS**  
61-402-90F **C+FS**  
Aqua Blue



60-403-90F **C+FS**  
61-403-90F **C+FS**  
Cobalt Blue



60-408-90F **B+FS**  
Cornflower Blue Opal



60-413-90F **B+FS**  
Caribbean Blue



60-417-90F **E+FS**  
Peacock



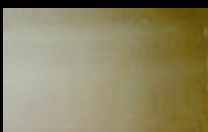
60-436-90F **B+FS**  
Periwinkle



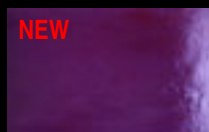
60-501-90F **A+FS**  
61-501-90F **A+FS**  
Plum



60-502-90F **A+FS**  
Violet



60-505-90F **A+FS**  
Taupe



**NEW**  
60-521-90F **C+FS**  
Plum Opal



60-530-90F **A+FS**  
Sesame



60-604-90F **F+FS**  
Red Opal



60-606-90F **E+FS**  
61-606-90F **E+FS**  
Grenadine Red



60-6071-90F **E+FS**  
Vermilion



60-608-90F **E+FS**  
61-608-90F **E+FS**  
Tangerine



**NEW**  
60-610-90F **E+FS**  
Lt. Cherry Red



60-700-90F **C+FS**  
61-700-90F **C+FS**  
Emerald Green

# 90 C.O.E. SHEET GLASS

Frit in all grain sizes is available in all fusible glass colors.



Uroboros

## DOUBLE ROLLED SMOOTH



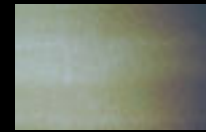
60-701-90F **A+FS**  
61-701-90F **A+FS**  
Evergreen



60-703-90F **A+FS**  
61-703-90F **A+FS**  
Lime



60-705-90F **A+FS**  
Kelly Green



60-706-90F **A+FS**  
Khaki



60-726-90F **B+FS**  
Apple Jade Opal



60-761-90F **B+FS**  
Oasis Green Opal



60-773-90F **A+FS**  
Spearmint



60-775-90F **B+FS**  
Hunter Green Opal



**NEW**  
60-783-90F **C+F**  
Olive Opal



60-791-90F **B+FS**  
Seacrest Opal



60-794-90F **B+FS**  
Sage Opal



60-901-90F **A+FS**  
61-901-90F **A+FS**  
Golden Amber



60-902-90F **A+FS**  
Pale Amber



60-905-90F **A+FS**  
Root Beer

## GRANITE RIPPLE



51-00-90F **C+FS**  
Clear



51-56-90F **E+FS**  
Black



51-56-IR-90F **E+X+FS**  
Black Irid



51-606-90F **F+FS**  
Grenadine Red



51-606-IR-90F **F+X+FS**  
Grenadine Red Irid



51-700-90F **E+FS**  
Emerald Green



51-700-IR-90F **E+X+FS**  
Emerald Green Irid

## FIBROID



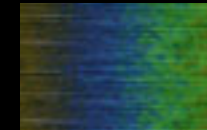
70-00-90F **A+FS**  
71-00-90F **B+FS**  
Clear



70-00-IR-90F **A+FS**  
Clear Irid



70-56-90F **C+FS**  
Black



70-56-IR-90F **C+X+FS**  
Black Irid



70-357-90F **C+FS**  
Lemon Chiffon



70-401-90F **A+FS**  
Sky Blue



70-402-90F **C+FS**  
Aqua Blue



70-701-90F **A+FS**  
Evergreen



70-901-90F **A+FS**  
Golden Amber



70-902-90F **A+FS**  
Pale Amber

## FUSION FX CASTING BILLETS



### WATER CLEAR CASTING BILLETS 90 COE

Lead-free casting crystal, thoroughly inspected to provide the highest quality, outstanding clarity and the best value of any glass casting product. Easy to cut and nothing wasted.

90 COE billets available in Water Clear only.

Colors available Special Order Only.

Typical Size 6" x 9" x 3/4" (152 x 229 x 19mm).

Typical Net Weight/Box: 37 lbs (16.8 kg)

Cat. No. 15256

## FUSION FX CASTING CULLET

### CULLET 90 COE

Ideal for casting, pate-de-verre, etc. Compatible with all 90 COE glass. Transparent scrap pieces from 3mm sheet. Comes in 30 lb. pails. Sold per pail. Cat. No. 15255



## UROBOROS 90 COE NOODLES & STRINGERS

### NOODLES AND STRINGER

Noodles and Stringers (Uroboros 90 COE) are available in fifteen exciting colors and Mardi Gras (a mixture of all available colors). Think fettuccini and spaghetti and you will have a good idea of the size and shape of these products.

You can bend them over an alcohol burner, stack them or overlap them.

Noodles are also available as Dichroic!

3.0 oz (85 gm) tube (Also available Uroboros System 96™)



Noodles Cat. No.	Description	Stringers Cat. No.
URN0090	Clear	URS0090
URN0090D	Clear Rainbow Dichroic	n/a
URN0590	White Opal	URS0590
URN35190	Marigold Opal	URS35190
URN35690	Lemon Yellow Opal	URS35690
URN40390	Cobalt Blue	URS40390
URN41790	Peacock Blue Noodles	URS41790
URN50190*	Plum	URS50190
URN5690	Black	URS5690
URN5690D	Black Rainbow Dichroic	n/a
URN60490	Red Opal	URS60490
URN70090	Emerald Green	URS70090
URN70390*	Lime Green	URS70390
URN79490	Sage Green Opal	URS79490
URN90190	Golden Amber	URS90190
URNM90	Mardi Gras Mix	URSM90

\*New color.

### UROBOROS 90 COE DICHOIC NOODLES

12 pieces, 5mm x 1mm x 17.5" long.

90 & 96 Coefficient of Expansion.

Cat. No. URN-00-90-D - Rainbow Dichroic Clear Noodles 90 C.O.E.

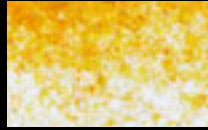
Cat. No. URN-56-90-D - Rainbow Dichroic Black Noodles 90 C.O.E.

17" x .310" x .062"  
(shown at 50%)

**FRIT** Samples shown actual size



**POWDER F1-501-90**  
.005" - .01"  
.13 mm - .25 mm



**FINE F2-608-90**  
.01" - .03"  
.25 mm - .75 mm



**MEDIUM F3-700-90**  
.03" - .1"  
.75 mm - 2.5 mm



**COARSE F5-606-90**  
.1" - .3"  
2.5 mm - 7.6 mm



Frit Casting by  
Leslie Perlis

**FRIT IN ALL COLORS**

Frit is produced in four grain sizes ranging from Powder to Coarse and available in all fusible colors. Iridescent Black and iridescent Clear are available in Medium and Coarse sizes.

Uroboros Frit is used for Pate de Verre, fusing, kiln casting, blowing and many other applications.

- 8.5 oz (.24 kg) jar
- 4 lbs (1.82 kg) jar (Special Order Only)
- 40 lbs (18.2 kg) pail (Special Order Only)

To order add suffix (01, 02, 03 or 05) to catalog number as listed in chart.



Cat. No.	Color	Powder-01	Fine-02	Med-03	Coarse-05
<b>90 TRANSPARENT FRIT</b> Add suffix (01, 02, 03 or 05) to Cat. Nos.					
UR-00-90-	Clear	PP	P	P	P
UR-00-90- <u>IR</u>	Clear Iridescent	n/a	n/a	R	R
UR-01-90-	Water Clear	QQ	Q	Q	Q
UR-071-90-	Warm Gray	QQ	Q	Q	Q
UR-072-90-	Cool Gray	QQ	Q	Q	Q
UR-357-90-	Lemon Chiffon	SS	S	S	S
UR-401-90-	Sky Blue	QQ	Q	Q	Q
UR-402-90-	Aqua Blue	QQ	Q	Q	Q
UR-403-90-	Cobalt Blue	RR	R	R	R
UR-417-90-	Peacock	SS	S	S	S
UR-436-90-	Periwinkle	RR	R	R	R
UR-501-90-	Plum	QQ	Q	Q	Q
UR-502-90-	Violet	QQ	Q	Q	Q
UR-505-90-	Taupe	QQ	Q	Q	Q
UR-530-90-	Sesame	QQ	Q	Q	Q
UR-606-90-	Grenadine Red	SS	S	S	S
UR-608-90-	Tangerine	SS	S	S	S
UR-700-90-	Emerald Green	SS	S	S	S
UR-701-90-	Evergreen	QQ	Q	Q	Q
UR-703-90-	Lime	QQ	Q	Q	Q
UR-705-90-	Kelly Green	QQ	Q	Q	Q
UR-706-90-	Khaki	QQ	Q	Q	Q
UR-773-90-	Spearmint	QQ	Q	Q	Q
UR-901-90-	Golden Amber	QQ	Q	Q	Q
UR-902-90-	Pale Amber	QQ	Q	Q	Q
UR-905-90-	Root Beer	QQ	Q	Q	Q
<b>90 OPAL FRIT</b>					
UR-05-90-	White	RR	R	R	R
UR-56-90-	Black	SS	S	S	S
UR-56-90- <u>IR</u>	Black Iridescent	n/a	n/a	T	T
UR-073-90-	Dolphin	RR	R	R	R
UR-076-90-	Blue Gray	RR	R	R	R
UR-301-90-	Sand	RR	R	R	R
UR-330-90-	Antique White	RR	R	R	R
UR-351-90-	Marigold	SS	S	S	S
UR-356-90-	Lemon Yellow	SS	S	S	S
UR-400-90-	Cobalt Blue	RR	R	R	R
UR-408-90-	Cornflower Blue	RR	R	R	R
UR-604-90-	Red	TT	T	T	T
UR-726-90-	Apple Jade	RR	R	R	R
UR-775-90-	Hunter Green	RR	R	R	R
UR-791-90-	Seacrest	RR	R	R	R
UR-794-90-	Sage Green	RR	R	R	R