



For the Hot Glass Arts



Welcome to System 96[®]

System 96 is a family of heat-compliant glass products designed and produced to work together both technically and artistically in every facet of the hot glass arts. They are made by a group of independent companies dedicated to making those arts affordable, accessible and friendly for everyone.

System 96 users are passionate about the brand. The glass is soft and forgiving to cut. Surfaces are largely smooth and uniform. Compatibility is assured, "de-vit" is practically non-existent, and the price is substantially less than competing products.

Perfect for the beginner, outstanding for the professional.

Welcome to the best overall glassworking system available.

Spirit[™] and OpalArt[™] are only two of the specialty glasses that are exclusive to the System 96 family of products.

Cast obelisk by Gerry Newcomb.

"Ruby Kelp" Blown Vase by Rick Strini.

"Beetle", 2"x 2" x 1", by Lewis Wilson.

Cover art: "Turbana Nueva" 11 $\frac{1}{2}$ " x 13 $\frac{1}{2}$ ", mosaic Frit and fused, painted sheet glass, by Raphael Schnepf.

Opalescent Sheet Glass



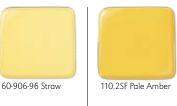
Reflective Opals are the pure expression of visible color and combined with Transparents, contribute the depth and refraction that makes art glass so appealing.



Transparent Sheet Glass



Above: Andres Perez, P.K. Glass Company, Miami, FL. Below: "Carm's Wild Life" by Carmen Reynolds, Newberg, OR.



161SF Yellow

60-7312-96 Lime

60-476-96 Neon Orchid

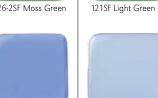
61-476-96 Thin

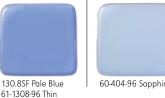
543-2SF Grape

61-7312-96 Thin











110.8SF Med. Amber

170.2SF Tangerine

(strikes)

61-1108-96 Thin



111SF Dark Amber



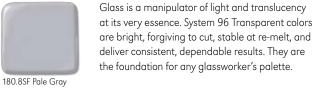
171SF Orange



60-707-96 Citron



538-6SF Navy



deliver consistent, dependable results. They are the foundation for any glassworker's palette.

WYSIWYG HOTS — Say "wiz-ee-wig"...what you see is what you get! System 96 Reds and Oranges (except Tangerine) are non-striking hot colors — the most predictable anywhere. They incur little or no color change when fired, so you can avoid unpleasant surprises.





Above: Private residence chandelier, 36in. diameter, re-melted sheet glass lit with LEDs by Rick Strini. Right: "Red Apple," 5 x 5in. rolled up red Frit, luster, by Jesse Kelly.

Specialty Sheet Glass

SpiritTM



Monterrey - Spirit/410-7SF



Valhalla - Spirit/4941SF Ivory/Pink/Grape/Clear



Murano - Spirit/4001SF



Geneva - Spirit/694-7SF Pink/Grape/Opal



Sedona - Spirit/6115-7SF



Philly - Spirit/635-7SF Blue/Red/Opal



Rio - Spirit/4561SF



Seattle - Spirit/623-76SF



New Orleans - Spirit/6356-7SF Blue/Sunflower/Red/Opal



Atlantis - Spirit/4361-76SF Ivory/Yellow/Blue/Clear

Mouth-blown glass qualities in sheet glass form - nothing else approaches this celestial explosion of sweeping color. The glass that gives you everything...motion, energy and Spirit.



Ivory/Cobalt Blue/Clear

Fracture/Streamer & Fracture/Stringer



11-25-96 Green Frac./



11-51-96 Purple/Blue/Green Frac./Green Streamers



11-29-96 Pink/Green/ Frac./ Green Streamers



11-45-96 Red/Green/Frac. Green Streamers



14-05-96 White Frac. on Clear/Black Stringer



14-406-96 Blue/White Frac./Blue Stringer



14-524-96 White/Mauve



Frac./ Black Stringer

Fracture-Streamer sheets are made from thin blown flakes and irregularly shaped hand cast streamers to acheive a random, natural pattern. Fracture-Stringer sheets also use thin blown flakes, but use machine pulled stringer, arranged in a more regular, graphic pattern.

Mardi Gras Sheets





13-56-96 Black



13-5333-96 Deep Aqua



13-200-96 White





Dramatic combinations of stringer and frit hand cast into sheet glass. Slice, dice, stack and fuse for stunning effects. Saves time and prevents bubble entrapment compared to separate assembly at the kiln.

Streamer Bits



12-00-96 Clear Bits on Clear



12-56-96 Black Bits

Streamer bits are short pieces of hand cast streamers, arranged in a grafitti like pattern to create a unique, hand drawn look.



Specialty Sheet Glass

OpalArt[™]



OA/634-52SF Blackberries & Cream



OA/325-52SF Sour Apple



OA/233-54SF Cascadia



OA/623-52SF Lagoon

Our hypnotic OpalArt family is defined by

magnificent swirls of color created when

disparate glasses meet and freeze for all time. Always unique, OpalArt delivers an

incomparable design option.



OA/335-5 Nautica



OA/675-5SF Godiva



OA/244-54SF Orchid

Crystal Opals



397-2SF Crystal Opal Pink



693-74SF Crystal Opal Pink/Aqua



357-2SF Crystal Opal Red



633-76SF Crystal Opal Blue/Aqua

Thin veins of color streak across a luminescent Crystal Opal base, resulting in a stunning watercolor-like sheet.

Streakies



60-5005-96 Chocolate/White



60-5000-96 Chocolate/Clear



60-5605-96 Black/White



60-5600-96 Black/Clear



60-005-96 White/Clear



60-2705-96 Orange/White



60-2700-96 Orange/Clear



60-93-96 Rootbeer/Cream



60-7555-96 Fern Green/White



60-7550-96 Fern Green/Clear



60-77-96 Dark Green/Green Opal



60-4245-96 Cobalt Blue/White



60-4240-96 Cobalt Blue/Clear



60-29-96 White/Pink Opal



60-6125-96 Grenadine/White



60-6120-96 Grenadine/Clear



60-625-96 Dark Red/Red Opal

Hand-mixed colors in Streaky sheets provide strong non-repeating patterns and dynamic color graduation for the ultimate in natural expression.

Clear Sheet Glass

A multitude of Clear choices are available in this indispensable material; Machine rolled, Hand rolled, Thick, Thin, Clear and Crystal Clear in a remarkable array of sizes.

Product #	Description	Sheet Sizes	Thickness
100SFS	Clear Fusing Standard*	24 x 24" & 24" x 48" up to 30 x 72" (61 x 61cm & 61 x 122cm up to 76 x 183cm)	.125" (3mm)
100SFL	Clear Fusing Standard, Thin	24 x 24" & 24" x 48" (61 x 61cm & 61 x 122cm)	.078" (2mm)
100SFXTL	Crystal Clear	24 x 24" & 24" x 48" up to 30 x 72" (61 x 61cm & 61 x 122cm up to 76 x 183cm)	.125" (3mm)
100SFL-XTL	Crystal Clear, Thin	24 x 24" & 24" x 48" (61 x 61cm & 61 x 122cm)	.078" (2mm)
100SFXTL/DT	Crystal Clear Double-Thick	24 x 24" & 24" x 48" up to 30 x 72" (61 x 61cm & 61 x 122cm up to 76 x 183cm)	.195" (5mm)
100SFS/DT	Clear Double-Thick	24 x 24" & 24" up to 30 x 72" (61 x 61cm & 61 x 122cm up to 76 x 183cm)	.195" (5mm)
60-00-96	Clear Hand-Rolled Flat*	24 x 24" (61cm x 61cm) & 24 x 15" (61cm x 38cm)	.125" (3mm)
61-00-96	Clear Hand-Rolled Thin*	24 x 24" (61cm x 61cm) & 24 x 15" (61cm x 38cm)	.070" (1.8mm)

^{*}Denotes availability in Iridescent

Textures

Surface texture is an optical component of every kiln fired project. Texture can be the primary focus, especially if backfilled with a contrasting frit color. Firing time and temperature variation controls degree of texture detail in the finished project.



Herringbone Ripple 50-00-96 Clear 50-56-96 Black



Granite Ripple 51-00-96 Clear 51-56-96 Black



Radium Ripple 58-00-96 Clear 58-56-96 Black



Granite 65-00-96 Clear 65-56-96 Black



Fibroid 70-00-96 Clear, 71-00-96 Thin 70-56-96 Black, 71-56-96 Thin



Radium 80-00-96 Clear 80-56-96 Black



Double Rolled Smooth 60-00-96 Clear, 61-00-96 Thin 60-56-96 Black, 61-56-96 Thin



100RSF Clear Ripple



100CSF Clear Cord



Thin Sheet Glass

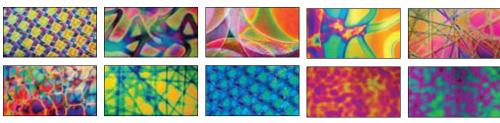
1.8mm Uroboros and 2mm Spectrum thin sheets provide an added capacity for delicacy, weight reduction, stacking precision, and color overlay. Many available with Iridescent coating.

Trapped bubbles/ Frit work (left) by Janet Zambai.
Opposite page: Dichroic pendant by Hsin Chang.
"Black Pearl" iridescent and dichroic bowl by Lisa Vogt.

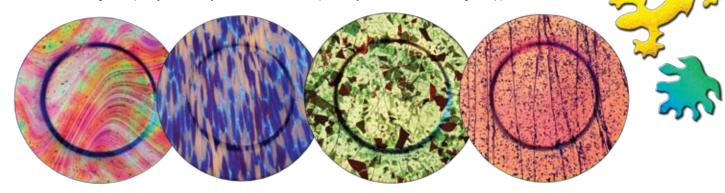


Dichroic Glass

Below are just a few examples of the hundreds of Dichroic choices available in System 96. To view the entire range of System 96 Dichroic glass and accessories, visit: www.cbs-dichroic.com.



The ultra-thin-layer quartz and metallic coatings on Dichroic glass are applied with electron beams in a vacuum chamber, creating the most vibrant, space-age colors imaginable. The transmitted and reflective character of each coating is completely different. System 96 Dichroics are specifically made for use in all hot glass applications.



Dinner Plate Chargers, Howard Sandberg, 13in. Diameter

Iridescent Glass

Iridescent Textures





Granite Ripple Clear



Radium Ripple Clear



Double Rolled Smooth



Granite Clear

65-56-96 IR



70-00-96 IR Fibroid Clear, 71-00-96 IR Thin



80-56-96 IR





60-00-96 SIR Silver Iridized Clear



60-00-96 GIR Gold Iridized Clear









60-56-96 GIR Gold Iridized Black



70-56-96 IR Fibroid Black, 71-56-96 IR Thin



Iridescent Color



I/200SF White, 61-05-96 IR Thin



60-56-96 SIR Silver Iridized Black



61-1108-96 IR (Thin Only) I/518-1SF Bronze





I/100SFS Clear 61-00-96 IR Thin



I/110.2SF Pale Amber





60-404-96 IR Sapphire Blue





I/543-2SF Grape



60-015-96 IR Urobium Pink, 61-015-96 IR Thin

I/130.8SF Pale Blue









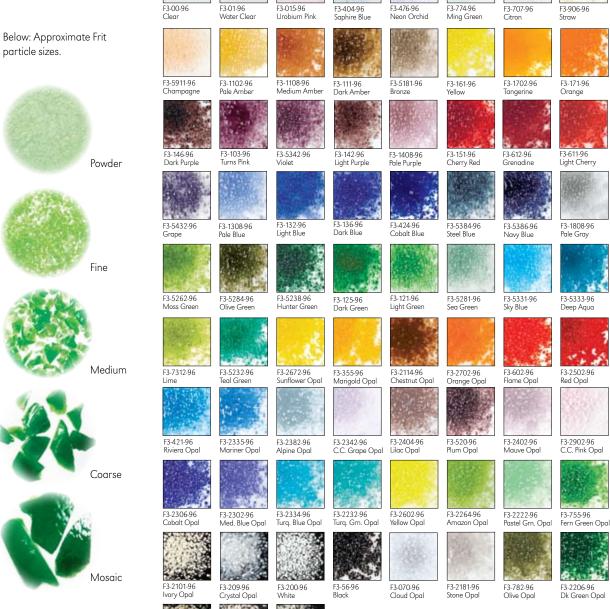
I/151SF Cherry Red



Iridescent glasses have been flash-fired with a micro-thin layer of metallic crystal, creating lustrous jewel-like colors in reflected light. System 96 Hi-Fire iridescent surfaces are permanently bonded to ensure retention and maturity at full fuse temperatures.



Glass Frit



Above: Asian Poppy Bowl by Lisa Vogt. Right: "PDV Still Life 2" by Bill Matulich. (Lightly fired Frit).

F3-2161-96 Khaki Opal

F3-2911-96 F3-2107-96 Champagne Opal Almond Opal

Glass Frit plays a role in every segment of the hot glass arts. Each color is clean-crushed, magnetically cleaned, and screened into specific sizes for a variety of applications. DualTone Frit is made from mixed-color glass, for enhanced variation and natural shading. Compatible throughout the System 96 family, five particle sizes are available in every color: Powder, Fine, Medium, Coarse, and Mosaic. Packed in 8.5 oz (240g) and 4 lb (1.82kg) jars, and 40 lb (18.2kg) pail.

Iridescent Frit







F3-402-96 IR Aqua Irid F3-015-96 IR Urob. Pink Irid



F3-774-96 IR Ming Green Irid













F3-6120-96





F3-5005-96 Chocolate/White

F3-2700-96 Orange/Clear





F3-5600-96 Black/Clear











Confetti

Hand blown, eggshell-thin shards of intense colors. Use for layering and shading, or in combination with frit, stringer or noodle. Packed in reusable screw top clear jars in single colors or a mixed 'Mardi Gras'. 4 oz (115g) each.





CN-5-96 Blue Green









CN-356-96 Lemon Yellow Opal CN-602-96 Flame Opal









ONFETTI GLASS

ONFETTI GLASS











CN-MGM-96 Mix (7 oz. jar)





Above: Frit leaves (detail) by Mary Van Cline. Right: "Spring Branch" by Raphael Schnepf.



Rods, Stringer & Noodle

Color	Description	Rod	Noodle	Stringer
	Cloud Opal	RO-070-96		
	Cherry Red Semi-Opal	RO-1511-96	N-151-96-5	S-151-96-5
	Yellow Semi-Opal	RO-1611-96		
	Orange Semi-Opal	R0-1711-96	N-171-96-5	S-171-96-5
	White Opal	RO-200-96	N-200-96-5	S-200-96-5
	Firelight Opal	RO-209-96		
	Almond Opal	RO-2107-96	N-2107-96-5	S-2107-96-5
	Dark Green Opal	RO-2206-96	N-2206-96-5	S-2206-96-5
	Pastel Green Opal	RO-2222-96		
	Turquoise Green Opal	RO-2232-96		
	Amazon Green Opal	RO-2264-96	N-2264-96-5	S-2264-96-5
	Medium Blue Opal	RO-2302-96	N-2302-96-5	S-2302-96-5
	Cobalt Blue Opal	RO-2306-96	N-2306-96-5	S-2306-96-5
	Turquoise Blue Opal	RO-2334-96	N-2334-96	S-2334-96
	Alpine Blue Opal	RO-2382-96		
	Mauve Opal	RO-2402-96	N-2402-96-5	S-2402-96-5
	Lilac Opal	RO-2404-96		
	Red Opal	RO-2502-96	N-2502-96-5	S-2502-96-5
	Yellow Opal	RO-2602-96	N-2602-96-5	S-2602-96-5
	Sunflower Opal	RO-2672-96		
	Orange Opal	RO-2702-96	N-2702-96-5	S-2702-96-5
	Champagne Opal	RO-2911-96		
	Marigold Opal	RO-355-96	N-355-96-5	S-355-96-5
	Riveria Blue Opal	RO-421-96		
	Plum Opal	RO-520-96		
	Black Opal	RO-56-96	N-56-96-5	S-56-96-5
	Flame Opal		N-602-96-5	S-602-96-5
	Fern Green Opal		N-755-96-5	S-755-96-5
	Olive Green Opal		N-782-96-5	N-782-96-5

Color	Description	Rod	Noodle	Stringer
	Clear	RT-00-96	N-00-96-5	S-00-96-5
	Urobium Pink	RT-015-96		
	Pale Amber	RT-1102-96		
	Medium Amber	RT-1108-96	N-1108-96-5	S-1108-96-5
	Dark Amber	RT-111-96	N-111-96-5	S-111-96-5
	Light Green	RT-121-96		
	Dark Green	RT-125-96	N-125-96-5	S-125-96-5
	Dark Blue	RT-136-96	N-136-96-5	S-136-96-5
	Deep Purple	RT-146-96	N-146-96-5	S-146-96-5
	Pale Gray	RT-1808-96		
	Neon Orchid	RT-476-96		
	Bronze	RT-5181-96		
	Moss Green	RT-5262-96	N-5262-96-5	S-5262-96-5
	Sea Green	RT-5281-96	N-5281-96-5	S-5281-96-5
	Olive Green	RT-5284-96	N-5284-96-5	S-5284-96-5
	Sky Blue	RT-5331-96		
	Deep Aqua	RT-5333-96	N-5333-96-5	S-5333-96-5
	Violet	RT-5342-96		
	Steel Blue	RT-5384-96		
	Navy Blue	RT-5386-96		
	Grape	RT-5432-96	N-5432-96-5	S-5432-96-5
	Pink Champagne	RT-5911-96		
	Citron	RT-707-96		
	Ming Green	RT-774-96		
	Straw	RT-906-96		

Noodles

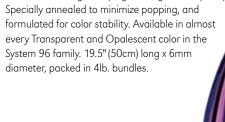
These flat, fettuccini-like glass Noodles are about 3/16" (4.5 mm) wide and 17.5" (45cm) long. Snap them with your fingers or nip them to desired length, then use them as straight design lines or bend them in a flame. Versatile, fun and indispensable. Packed in 5 oz (140g) clear plastic tubes (approx 25 noodles each), in single colors or in a mixed "Mardi Gras" pack. Dichroic coated clear and black noodles packed 12 per tube.

Stringer •

Delicate strands of color permit fine linear detail and unlimited creative design. Use straight from the tube or shape in a flame. Approximately 1.1mm dia. x 17.5" (45cm) long. Packed in 5oz (140g) clear plastic tubes, (approx. 100 stringers per tube), in single colors or in a mixed "Mardi Gras" pack.

Rods

Hot drawn rods are a key form in the glassworker's toolkit. Use in torch work, fusing, slumping, casting and for pickup in glass blowing.







Vases by Lynn Read, made from System 96 Rods.



Visit System96.com and sign up for periodical e-mail news to keep current with casting and blowing product development.

Casting Rocks



Same special kiln casting formulation as Uroboros Casting Billets, these unannealed, random-shape 'rocks' are excellent for smaller castings, or when lower cost is important but a few more bubbles are acceptable. Typical sizes are 1" to 3" (25mm to 75mm) in diameter. Packed in 40lb (18.2kg) pails or 20lb (9.1kg) boxes.

Casting & Blowing Products



Billets

Made from Uroboros' specially formulated, ultra-low devitrification, high optical-brilliance casting glass. Formulated for quick and easy polishing. Lightly annealed for basic cutability. Low bubble count. 18 Colors. Billet size: 7" x 7" X ¾" (175mm x 175mm x 19mm), approx. 3.4 lbs (1.6kg). Packed in boxes of 8.

Billet and Casting Rock Color Palette





Packaged Goods

STRIPESTM



Monterrey STRIPE/410-7SF



Sedona STRIPE/6115-7SF Amber/Red/Crystal Opal



Vienna STRIPE/431-76SF



Atlantis STRIPE/4361-76SF Ivory/Yellow/Blue/Clear



 2×12 in. strips of *striped* glass! Colors coordinate perfectly with Spirit sheets. Six-piece packs or mixed color "shortstacks."





Rio Philly STRIPE/4561SF STRIPE/635-7SF Ivory/Sunflower/Red/Clear Blue/Red/Opal



New Orleans STRIPE/6356-7SF Blue/Sunflower/Red/Opal



Ivory/Pink/Grape/Clear



Geneva STRIPE/694-7SF Pink/Grape/Opal



Pebbles[™]



Yellow



Orange (strikes) Med. Amber



Pale Purple



Crystal Clear



White





Amazon Opal



Turquoise Opal

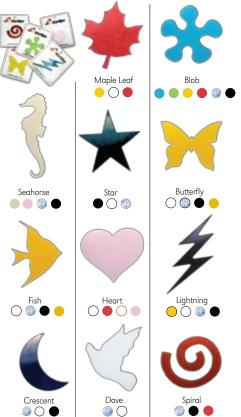


Light Blue

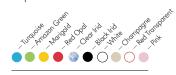
Flat bottom, round topped,

1/2" droplets that make great design elements. Available in 1/2lb. bags in 16 colors or assorted.

Cut-UpsTM



Forty pre-cut whimsical shapes and colors. Perfect accents for fused work. Each Cut-Up comes packaged on a 3" square card.



Pre-Cut Bases



Pre-cut circles reduce prep time and eliminate scrap. 10-inch is also available in Double-Thick (5mm) Clear, great for solid bases with zero bubbles.

Circles GBC-12-100 GBC-10DT-100 GBC-10-100 GBC-10-1009	Size 12 in. 10 in. 10 in. 10 in.	Description Clear Clear Double Thick Clear Black
GBC-10-200 GBC-10-210-72 GBC-8-100 GBC-8-1009 GBC-8-200 GBC-8-210-72	10 in. 10 in. 8 in. 8 in. 8 in. 8 in.	Opal White Opal Almond Clear Black Opal White Opal Almond
Hearts GBH-6-200 GBH-6-290-72 GBH-8-200 GBH-8-290-72	Size 6 in. 6 in. 8 in. 8 in.	Description Opal White Opal Cotton Candy Pink Opal White Opal White Opal Cotton Candy Pink

To see all of the pre-cut Glass Craft Components visit: www.system96.com

Sample Sets

System 96 Sample Set

Large 3 x 4" (7 x 10cm) glass samples of every sheet glass in the System 96 family, including Thins, Iridescents, Tints and Fracture-Streamers. Plus, examples of Dichroic glass, Frit (5 sample bags, one of each particle size), Stringer and Noodle.



Rod Sample Set

A complete set of System 96 Rod samples assembled into convenient 3-ring binder pages. Each sample is labeled with stock number and color description. Best reference source for all colors available.



Rod 'Mardi Gras' Sampler

Contains thirty 10" (25cm) long System 96 glass rods, in an assortment of the most popular Transparent and



Billet Sample Box

Contains samples of all Uroboros System 96 Casting Billet colors. Samples measure approximately 2" x 3" (5 x 8 cm) and are 3/4" (2cm) thick.

Glass Packs

Baker's Dozen Fusing Kit

An 'All in One' fusing kit. Each kit contains eleven 6in. (15.25cm) squares of Uroboros System 96 sheet glass in an assortment of popular colors, an 8.5oz jar of frit, and a packet of Noodles & Stringer. Enough to get started having fun with fusing.



Mini-6 Pack

This factory-pack of Spectrum System 96 Opalescent glass is a great way to build a broad selection of brilliant color at one economical price. 20 sheets /20 colors, each 6 inches square in a compact package.





FuseBox -20

Twenty square feet of Tested Compatible Spectrum System 96 "T-Glass" in large 12 x 12in. squares. A great mix of color at an unbeatable price.



Odds & Evens

Each 3-pound pack contains a mix of colorful, neatly trimmed sheets—a great way to build your glass selection fast and affordably.



FuseBox -10

Ten 12 x 12in. squares of Tested Compatible Spectrum System 96 "T-Glass" — carefully mixed for a variety of both color and glass type. The perfect way to build your personal palette.



96-Pack

The 96-pack is a broad variety of System 96 glass in one slick package. 27 sq.ft., 35 different colors, the 96-pack contains enough glass to let you explore what System 96 can do — without making a major financial commitment. Examples of Frit, Stringer, Noodles and Dichroic glass are included.



Artists Credits, Back Cover, Left to Right:

"Old Hands", 24½ x 21in., Fritography, by Michael DuPille; Tangerine Rondel Chandelier, 24in. diameter x 34in. tall, remelted & blown sheet glass, by Rick Strini; fused/blown roll-up, 10in., sheet glass, by Patty Gray; Salmon Paddle, 6 x 45in., by Jewels Durham; fused Black Casting Billets/copper leaf; Clown Fish, 3 x 1½in., torch work with rods, by Deb Crowley; 20in. fused & slumped sink, fused dichroic sheet glass, stringer and noodles, by Lisa Vogt; Black & White Bracelet, 3½in. diameter, torch work, by Kevin Ward; Vase, 9 x 4in., rolled up & blown black and white rods with orange lip wrap, by Lynn Read; Pattern Dish Series, fused & slumped, Kevin Brophy; Private Residence Ceiling Light Installation detail, remelted & blown sheet glass, by Rick Strini.

Don't confuse the last page with "end of story". Our System 96 family is growing so fast we can hardly keep up with it ourselves. Stay informed by visiting **www.System 96.com** regularly and by signing up to receive new product information by email.

No Varnish Zone for Stamping Text Box and Rule DO NOT Print!

Spectrum Glass Company (Woodinville, WA) and Uroboros Glass (Portland, OR) combined bring over 50 years of art glass manufacturing expertise to the hot glass community and the fast-growing kilnformed glass arts. Coatings by Sandberg (Orange, CA) is a highly specialized maker of the dazzling phenomenon of Dichroic Glass. In cooperation with other carefully chosen companies and individuals around the world, we manufacture the System 96® tested compatible family of art glass products. All trademarks are the property of their respective owners.