FOR THE HOT GLASS ARTS
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 these 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, “devit” is practically non-existent, and the price is substantially less than competing products.

Perfect for the beginner, outstanding for the professional. Welcome to System 96.

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

### Product Numbers
To learn more about System 96 product numbering, visit system96.com.

### Manufacture Legend
- = Spectrum Glass Company
- = Uroboros Glass

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<tr>
<th>Code</th>
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"Red Sail" by Anne Sorensen

"Nota Ring" by Delores Barret

"Round in Circles" by Margaret Heenan

"Sugarloaf Mountain Sunny Day" by Simone Kestelman, 48" x 6"
# SHEET GLASS

## TRANSPARENT

Glass is a manipulator of light and translucency at its very essence. System 96 Transparent colors are bright, forgiving to cut, stable at re-melt, and deliver consistent, dependable results. They are the foundation for any glassworker’s palette.

## SHEET GLASS

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## CLEAR SHEET GLASS


### Product # Description Sheet Sizes Thickness

- **SG05**: Clear Fusing Standard 24 x 24" x 48" up to 30 x 72" x 0.040" & 0.060" to 0.120" up to 76 x 183cm 0.125" (3mm)
- **SG05/L**: Clear Fusing Standard, Thin 24 x 24" x 48" (61 x 61cm & 61 x 122cm) 0.040" (1mm) 0.060" (1.5mm) 0.080" (2mm) 0.100" (2.5mm) 0.120" (3mm)
- **SG05/D**: Clear Double Thick 24 x 24" x 48" up to 30 x 72" (61 x 61cm & 61 x 122cm) up to 76 x 183cm 0.150" (3.8mm) 0.180" (4.5mm) 0.200" (5mm)
- **SG05/XL**: Crystal Clear 24 x 24" x 48" x 48" up to 30 x 72" x 0.040" & 0.060" to 0.120" up to 76 x 183cm 0.125" (3mm)
- **SG05/XL/T**: Crystal Clear, Thin 24 x 24" x 48" (61 x 61cm & 61 x 122cm) 0.080" (2mm)
- **SG05/XL/D**: Crystal Clear Double Thick 24 x 24" x 48" up to 30 x 72" x 0.040" & 0.060" to 0.120" up to 76 x 183cm 0.150" (3.8mm) 0.180" (4.5mm)
- **SG05/H**: Clear Hand Rolled Flat 24 x 24" x 0.040" & 0.060" to 0.120" up to 76 x 183cm 0.120" (3mm)
- **SG05/H/T**: Clear Hand Rolled Thin 24 x 24" x 0.040" & 0.060" to 0.120" up to 76 x 183cm 0.080" (2mm)

**Manufacture Legend:**
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## RED REACTIVES

Uroboros has created two unique formulas for System 96 that create an interface color, or “reaction” when melted against certain other colors. The left image is 60-003-96 Red Reactive Transparent and the right image is 60-045-96 Red Reactive Opal. Both have Deep Aqua Frit and Turquoise Opal “Mosaic” size frit full fused on the top surface. For more information about Red Reactives and all the reactive partner colors, visit System96.com.

## THIN SHEETS

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

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**Image 1**: Christine Stewart

**Image 2**: Anne Sorensen

**Image 3**: Uroboros "Red Reactives" president and CEO, Paul Johnson, with his "Hamer Woman" sculpture, "Hamer Woman" by Raphael Schnepf

**Image 4**: "Hamer Woman" by Raphael Schnepf

**Image 5**: "Hamer Woman" by Raphael Schnepf
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.

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.

FRACTURE/STREAMER & FRACTURE/STRINGER
Fracture-Streamer sheets are made from thin blown flakes and irregularly shaped hand cast streamers to achieve 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
Dramatic combinations of stringer and thin hand cast into sheet glass. Size, dice, stack and fuse for stunning effects. Saves time and prevents bubble entrapment compared to separate assembly at the kiln.

SHEET GLASS

Fracture-Stringer sheets also use thin blown flakes, but use machine pulled stringer, arranged in a more regular, graphic pattern.

FLECKS OF SPARKLING METALLIC FLAKE EMBEDDED IN AVENTURINE GLASS SPRING TO LIFE WHEN FUSED.
**SPECIALTY**

- Chocolate Iridized White
- Black/White
- Orange/White
- Clear/Clear
- Cobalt Blue/Clear
- Green/Clear

**IRIDESCENT GLASS**

- Iridescent glasses have been flash-fired with a micro-thin layer of metallic crystal, creating lustrous jewel-like colors in reflected light.

**UROBOROS STREAKIES**

- Reflective Opal on Clear
- Reflective Black on Opal
- Reflective White on Opal

**SPECTRUM WISPES & MIXES**

- Thin vein of color streak across a luminescent Opal or Clear base, resulting in stunningly unique sheets.

**DICHROIC GLASS**

- 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.

**TEXTURES**

- Surface texture is an optical component of every kiln fused 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.

**IRIDESCENT COLOR PALETTE**

- 06033 Black, 06035 Clear, 06036 Black/Clear
- 06044 Red, 06046 Red/Clear
- 06052 Dark Blue on Opal
- 06054 Blue on Clear

**IRIDESCENT GLASS**

- Hand-mixed colors in Striking sheets provide strong non-repeating patterns and dynamic color graduation for patterns and dynamic expression.

**IRIDESCENT COLOR PALETTE**

- 06024 Black, 06025 Clear, 06026 Black/Clear
- 06032 Red, 06034 Red/Clear
- 06047 Orange on Clear
- 06048 Orange on Clear/Clear

**TEXTURES**

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**SHEET GLASS**

**CHOCOLATE IRRIDIZED GLASS**

- Chocolate Iridized White
- Black/White
- Orange/White
- Clear/Clear
- Cobalt Blue/Clear
- Green/Clear

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**UROBOROS STREAKIES**

- Reflective Opal on Clear
- Reflective Black on Opal
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**DICHROIC GLASS**

- 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.

**TEXTURES**

- Surface texture is an optical component of every kiln fused 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.
**GLASS FRIT**

- **Iridescent**
  - Black Irid F5-56-96 IR
  - Sky Blue F5-5331-96
  - Orange F5-171-96
  - Clear F5-00-96
  - Dark Purple

- **Transparent**
  - Straw Irid Urob. Pink Irid F5-015-96 IR
  - Deep Aqua F5-5432-96
  - Pale Amber F5-1102-96
  - Water Clear

- **Aventurine**
  - Ming Green Irid F5-774-96 IR
  - Aqua Irid F5-402-96 IR
  - Light Blue
  - Teal Green F5-5232-96
  - Dark Amber F5-612-96
  - Sapphire Blue

- **Dualtone**
  - Varnish Irid

- **Opalescent**
  - Opalescent Transparent

**GLASS FRIT**

- **Iridescent**
  - Black Irid F5-56-96 IR
  - Sky Blue F5-5331-96
  - Orange F5-171-96
  - Clear F5-00-96
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  - Dark Amber F5-612-96
  - Sapphire Blue

- **Dualtone**
  - Varnish Irid

- **Opalescent**
  - Opalescent Transparent

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*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. Compatible throughout the System 96 family, five particle sizes are available in every color: Powder, Fine, Medium, Coarse, and Mosaic. Packaged in 8.5 oz (240g) and 4 lb (1.82kg) jars, and 40 lb (18.2kg) pails.*
**OPALESCENT 6mm**

- White Opal RO-200-96
- Firelight Opal RO-209-96
- Cloud Opal RO-070-96
- Almond Opal RO-2107-96
- Yellow Semi-Opal RO-1611-96
- Yellow Opal RO-2602-96
- Sunflower Opal RO-2672-96
- Marigold Opal RO-070-96
- Cloud Opal RO-209-96
- Firelight Opal RO-209-96
- White Opal RO-200-96

"Wheat," long thread pulled amber rod by Jim Hin Hard/opour.

Above: "While on Safari" by Marc VandeBerg

Below: a delightful bead by Kathy Hoppes.

• 19.5" (50cm) long, packed in 4lb. bundles
• 10 Opalescent color in the System 96 family.

Confetti Rods and Confetti are produced by Uroboros Glass.
STRINGER & NOODLE

Noodle & Stringer are produced by Uroboros Glass.

**STRINGER**

Dichroic coated single colors or in a mixed “Mardi Gras” (S-M-96) pack. Approximately 1.1mm dia. x 17.5” (45cm) long. Packed in 5oz (140g) clear plastic tubes (approx. 25 noodles each), in single colors or in a mixed “Mardi Gras” (N-S-96) pack. Dichroic coated clear and black noodles packed 12 per tube.

**NOODLE**

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. 100 stringers per tube), in single colors or in a mixed “Mardi Gras” (N-M-96) pack. Dichroic coated clear and black noodles packed 12 per tube.

**STRAIPS™**

2 x 12in. strips of striped glass! A precious few of these sought-after strips are produced with each sheet of our Spirit glass, so supply can be limited. Sold in a piece pack or mixed color “shortstacks.”

**PRE-CUT BASES**

Pre-cut circles reduce prep time and eliminate scrap. 10-inch is also available in Double-Thick (stripped). Pre-cut bases made in a variety of shapes and sizes. Produced by Spectrum.

**PEBBLES™**

Flat bottom, round topped, 1/2” diameter pebbles that make great design elements. Current availability in 18 colors and an assorted mix – 1/2lb bags. Produced by Spectrum.

**AVENTURINE HOLIDAY TREE PACK**

The approximate 3” laser cut 12BA/6” Base comes with a matching 100SF Cap. Fuse and decorate for sparkling holiday fun. A Project Guide is available from the website for decorating ideas, firing schedules, and other recommendations.

**SYNONYMS**

Noodle & Stringer  
Mardi Gras Pack  
System 96® Glass Products  
PRE-CUT BASES  
STRAIPS™  
PEBBLES™  
AVENTURINE HOLIDAY TREE PACK  
PACKAGED GOODS

To see all of the pre-cut Glass Craft components visit: www.system96.com
CASTING 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. Billet size: 7" x 7" x ¾" (175mm x 175mm x 19mm), approx. 3.4 lbs (1.6kg). Packed in boxes of 8.

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, and 3lb (1.4kg) jars.

CASTING PLATES
System 96 Casting Plates are formed and formulated for the specific demands of Kiln Casting. These rectangular plates are 6 x 12 inches in size, one half-inch thick, and weigh about 3.5 lbs each.
• Highly devit resistant
• Exceptional flow characteristics
• Low bubble count
• Clarity & brilliance – first-rate
Available in both Clear and Crystal Clear. Packaging: Ten 6" x 12" Plates per box, about 33 lbs. Produced by Spectrum.

STUDIO NUGGETS
Specifically formulated for glass blowing, these ½-oz, paperweight-clear nuggets are a huge improvement over melting raw batch. No dust, no fumes, non-toxic and impervious to moisture, Studio Nuggets use much less energy and deliver over 99% yield. Tested compatible to all System 96 products. Produced by Spectrum.

FUSING AND BLOWING
Combine to Create ROLL UPS
System 96 makes it possible for Fusers and Blowers to collaborate in producing an incredible new artform, the "Roll Up" vessel.
First the Fuser creates the design in the form of a thick slab of glass (see below). In the hot shop, the Blower then rolls the heated slab onto the pipe and begins to work it and shape it into its final form. (Some of the steps in the blowing process are shown at right.)
TWENTY THINS PACK (#TK-96)
Specially for jewelers, this pack contains twenty 6” x 6” (15x15cm) sheets of Uroboros’ hand-rolled thin (1.8mm) in a wide range of colors. Includes Iridized. Decorate with Noodles, Stringer or Frit for rich, lightweight jewelry components.

THIN DOZEN ASSORTMENT (#TDK-96)
Experience how our extrathin hand-rolled sheets can minimize weight and thickness in your fused jewelry. This mini variety pack contains twelve 6” x 12” (15.3x30.5cm) sheets of Uroboros thin (1.8mm), including Iridized.

96-PACK (#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.

BAKER’S DOZEN FUSING KIT (#VP96-CLEAR-11) Includes eleven 12x12” in a variety of System 96 fusible Cleara.
- 4 - 12x12s of 100SFL
- 3 - 12x12s of 100SFL (Thick)
- 3 - 12x12s of 100SFL (Iridescant)
- 1 - 12x12 of 100SFL DT (Double Thick)

MINI-6 PACK (#VP96-MIX-6) 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.

596 CLEAR MINI-MIX (#VP96-CLEAR-11) Includes eleven 12x12” in a variety of System 96 fusible Cleara.

IF CREATION KIT (#VP96-AV-3) A great way to sample all three dazzling Aventurine colors. Every pack contains one 12” x 12” sheet of each of the Aventurine colors, Green, Blue & Black.

ROD ‘MARDI GRAS’ SAMPLER (#RMG-10) Experience Uroboros’ System 96 rods with this sampler - a great way to find out why everyone is talking about it. Contains thirty 10” (25.4cm) long x 6mm diameter rods in a riot of opal and transparent colors.

FRIT SAMPLER (#FSK-96) Create a Frit palette for your studio in a hurry! This sampler contains sixty 4oz (113g) jars in a wide range of colors, all five grain sizes, and includes Iridized Black and Clear.

FRIT SAMPLER MINI (#FSK-M-96) Sample System 96 4 ft. with this mini kit. Contains a vibrant selection of colors in several grain sizes, including Iridescant. Twelve jars, 4 oz (113g) each.

596-PACK (#96-PACK)
30 sheets /20 colors, each 6 inches square in a compact package.

HOT STUFF (#HS-96)
These vibrant, hand-rolled hot color opals are perfect for “turning up the heat” in your work. Contains five sheets, 12” x 12” (30.5 x 30.5 cm) each.

ODDS & EVENS (#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.

FRIT SAMPLER MINI (#FSK-M-96)
Sample System 96 4 ft. with this mini kit. Contains a vibrant selection of colors in several grain sizes, including Iridescant. Twelve jars, 4 oz (113g) each.

SYSTEM 96 SHEET SAMPLE SET
Contains samples of all Uroboros System 96 Casting Billet colors. Samples measure approximately 3” x 4” (7.5 x 10 cm) and are 1/4” (6mm) thick.

AVENTURINE VARIETY PACK (#VP96-AV-3) A great way to sample all three dazzling Aventurine colors. Every pack contains one 12” x 12” sheet of each of the Aventurine colors, Green, Blue & Black.

BILLET SAMPLE BOX
Contains samples of all Uroboros System 96 Casting Billet colors. Samples measure approximately 3” x 4” (7.5 x 10 cm) and are 1/4” (6mm) thick.

IRIDESCENT VARIETY PACK (#VP96-I) Add a rich luster to your projects with Iridescent glass made in our unique hand-rolled styles. Each contains four 12” x 12” (30.5 x 30.5cm) sheets.

SYSTEM 96 SHEET SAMPLE SET
Large 3” x 4” (7 x 10cm) glass samples of every sheet glass in the entire System 96 family, including Thins, Iridescents, Tints, and Fracture Streamers. Plus, examples of Frit (5 sample bags, one of each particle size), and Iridescent, Stringer and Noodle (Two box sets).

ROD SAMPLE SET
A complete set of Uroboros 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.

MINI-6 PACK (#VP96-MIX-6) 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 (#FUSEBOX-MIX-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.

FUSEBOX 10 (#FUSEBOX-MIX-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.

HAND ROLLED VARIETY PACK (#HRVP96) A great way to experience the unique styles of hand-rolled Art Glass. The four 12” x 12” (30.5 x 30.5cm) sheets are each a different style, including Streaky, Iridescent, Solid Color and one Specialty sheet.

ALWAYS CHECK SYSTEM96.COM FOR CURRENT GLASS PACK AVAILABILITY

“Bridge” by Anne Sorensen
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.