## BULLSEYE GLASS

FOR ART AND ARCHITECTURE



### Table of Contents

- 3 What's the Big Idea? Kiln-Glass Comes Home
- 4 Bullseye's Coding System
- 6 Bullseye Glass: What to Expect
- 7 GLASS
- 8 Opalescent Colors
- 11 Transparent Colors
- 14 Clear and Tekta Sheets
- 16 Surfaces: Iridescents & Textures
- 17 Bullseye Brainstorm: Clear-on-Clear Iridescents
- 18 Collage Glass: Mardi Gras, Streamers, Fracture-Streamers, Chopstix
- 20 Streakies & Soft Ripples
- 22 Kilncasting on the Rise
- 23 Casting: Billets
- 24 Bullseye Brainstorm: Frit Tinting
- 25 Accessory Glass: Frit & Powder
- 26 Accessory Glass: Confetti
- 26 Glass for Blowing
- 27 Accessory Glass: Stringer
- 28 Torchwork: Rods & Sizzle Stix
- 32 Assortments: Glass Packs
- 34 Assortments: Samples & Updates

### 35 TOOLS & SUPPLIES

- 36 Tools for Cutting Plus
- 38 Bullseye Kilnforming Supplies
- 39 Tools and Supplies for Kilnwork
- 40 Slumping Molds
- 42 Kilns
- 43 Display Hardware
- 44 Tools for Torchwork
- 45 Safety Equipment
- 46 Bullseye Publications
- 48 Books & DVDs
- 50 Softwear

### 51 PRICE LIST FOR GLASS

- 52 Opalescent Colors
- 54 Transparent Colors
- 58 Streakies & Soft Ripples
- 59 Collage Glass: Mardi Gras, Streamers, Fracture-Streamers, Chopstix
- 60 Billets, Tekta, Confetti, Stringers
- 61 Product & Packaging Specifications
- 62 Order Form
- 63 Ordering Information

Bullseye Glass Co. is a leader in promoting glass art worldwide through quality production of colored glass for art and architecture, research and education, and the presentation of innovative glass art in its Portland gallery.



Bullseye Glass factory. Photo: Jerome Hart.



Bullseye Research & Education. Photo: Jerome Hart.



Bullseye Gallery. Photo: Steve Immerman.



Bullseye Resource Center.



ON THE COVER: Paul Housberg/Glass Project, Inc, Pacific Hospital Meditation Chapel, California Pacific Medical Center, San Francisco, California, 2006. Kilnformed backlit glass wall made with Bullseye Tekta and transparent colored sheet glass, 60 x 120 in. (1.52 x 3.05 m). Water feature by Harmonic Environments, SMWM Architects, San Francisco. Photo: Paul Housberg.

Paul Housberg will present a lecture and workshop at BECon 2007, Bullseye Glass's biennial conference held in Portland, Oregon in July.

For more conference information, visit www.bullseyeglass.com/becon.



Jun Kaneko, *Arches*, 2001. Kilnformed glass,  $13 \times 84 \times 10$  in  $(33 \times 213 \times 25$  cm) each. Anchoring one corner of McGregor and Schwoerer's Portland garden, these 300-pound slabs of kilncast and slumped Clear Bullseye glass have weathered years of rain, sun, ice, raccoons and Eddie the Cat. Photo: Michael Mathers.

My husband Dan and I—and our cats Annie and Eddie—live in a house that's been called A Laboratory for Living With Kiln-Glass.

Over the last fifteen years our former ranch-style hillside box has gradually been re-born, slowly, out of dozens of little research projects: "Glass Sinks: How Many Can You Break Before Adjusting the Hot Water Heater?," "Do All Cats Hate Glass Stairs?," "How Many Days Below Freezing Does It Take Before the Glass Tiles Crack on Your Exterior Deck?," "What Happens to 600 lbs of Cast Glass in the Backyard on a 100°F July Day When the Sprinklers Come On?"

If there had been more information available on large-scale firings and industrial-sized usage of kiln-glass, maybe our home remodel would have been less expensive. But we just happened to have over 80,000 sheets of compatible glass at our warehouse. We also appreciate the value of failure in the learning process. So the project has made a certain sort of Rube Goldberg sense. If, however, you don't happen to own a glass factory, the cost of working on this scale might exceed the value.

That's when a little expert advice can be a bargain. And that's why we designed BECon 2007 around architects, fabricators, artists and other professionals who are willing to share just this kind of costly experience and expertise.

And none too soon. Kilnformed art glass is hot news within the architectural and design community. The demand for counters, dividing walls, windows, tile, lighting and furnishings of all sorts has outpaced the supply. A more sophisticated consumer is looking for the color range and versatility that distinguishes art glass from the ubiquitous (green!) float. Upscale homeowners want art that is integrated into the architecture. The creative developer understands that kilnformed glass can infuse space with light and color in rich new ways.

But most important of all: you the artists and designers are looking for new markets, new challenges and new outlets for creativity in a medium that is still in its infancy. If you don't happen to own a glass factory—or a trust fund—BECon 2007 is a terrific way to shorten your learning curve by many years and even more dollars.

We hope you'll join us next summer in Portland for BECon 2007: Big Ideas, July 19–22, 2007.

Item code for Black Opal, Powder, Fusible, 5 lb/2.3 kg jar.

a six-digit base code

### a four-digit suffix

### a letter code

and a final size code

### THE 6-DIGIT BASE CODE

always indicates the base glass color:

000xxx Solid color opal
001xxx Solid color transparent
002xxx 2-color streaky
003xxx 3-color streaky
004xxx Collage glass

### THE 4-DIGIT SHEET GLASS SUFFIX

indicates surface treatment, texture, and/or thickness:

-0000	Single-rolled, 3 mm		
-0021	Soft ripple		
-0022	Herringbone ripple		
-0025	Herringbone ripple irid		
-0030	Double-rolled, 3 mm		
-0031	with rainbow irid, 3 mm		
-0032	with patterned irid, 3 mm		
-0037	with silver irid, 3 mm		
-0038	with gold irid, 3 mm		
-0043	Reed texture, 3 mm		
-0044	Reed irid, 3 mm		
-0045	Accordion texture, 3 mm		
-0046	Accordion irid, 3 mm		
-0047	Prismatic texture, 3 mm		
-0048	Prismatic irid, 3 mm		
-0050	Thin-rolled, 2 mm		
-0051	with rainbow irid, 2 mm		
-0053	Thin reed, 2 mm		
-0054	Thin reed irid, 2 mm		
-0055	Thin accordion, 2 mm		
-0056	Thin accordion irid, 2 mm		
-0057	Thin silver irid, 2 mm		
-0058	Thin gold irid, 2 mm		
-0060	Single-rolled, 6 mm		
-0380	Tekta Sheet, 3 mm		

Tekta Sheet, 4 mm

Tekta Sheet, 6 mm

-0480

-0680

### THE 4-DIGIT NON-SHEET SUFFIX

indicates glass form or shape:

### BILLETS:

-0065 Billets

### CONFETTI:

-0004 Confetti

### CULLET:

-0066 Casting & blowing cullet

### FRIT:

-0001 Fine -0002 Medium -0003 Coarse -0005 Extra large -0008 Powder

### ROD:

-0576 Rod, 4-6 mm -0876 Rod, 7-9 mm

### SIZZLE STIX:

-0309 Sizzle Stix, mixed colors, 3 mm
-0609 Sizzle Stix, mixed colors, 6 mm
-0371 Sizzle Stix, rainbow, 3 mm
-0671 Sizzle Stix, rainbow, 6 mm

### STRINGER:

-0107 Stringer, 1 mm -0272 Stringer, 2 mm

1





**LETTER CODES** 

the factory:

mosaic use.

Sheets are assigned one of four grades at

F: often called "Fusible," a glass that

has passed factory testing for color

and compatibility in kilnwork. Also

flamework, stained glass or mosaic.

P: first-quality nonfusible glasses are

kilnwork but good for stained glass or

called "Standard." Not recommended for

B: Fusible-curious glasses. Compatible, but

fired color or appearance falls outside of

target range. Sometimes called "Furious."

Discounted. Recommended for kilnwork, flamework, stained glass or mosaic.

C: nonfusible, nonstandard glasses are

not fall within the accepted color range or may have minor flaws. Discounted. Not

recommended for kilnwork, but good for

stained glass or mosaic use.

graded and marked "Curious." These may

called "Tested Compatible" or "Bullseye

Compatible." Recommended for kilnwork,

### THE SIZE CODES

Further details about glass dimensions and specifications are listed on page 61. All metric conversions are approximate:

### SHEET GLASS:

-1010 10" x 10" (254 x 254 mm) --FULL 35" x 20" (889 x 508 mm) -HALF 17" x 20" (432 x 508 mm)

### CONFETTI:

-0Z04 Single color 4 oz (113 g) jar -P001 Single color 1 lb (454 g) jar -0Z08 MiniMix 8 oz (227 g) jar -P002 MiniMix 2 lb (907 g) jar

### **CULLET:**

-P040 40 lb (18 kg) bucket 250 lb (113 kg) drum -P250

### FRIT:

-P001 1 lb (454 grams) jar -P005 5 lb (2.27 kg) jar -P040 40 lb (18 kg) bucket

### RODS:

Single rod --EACH -P001 1 lb (454 g) 🔷 -P010 10 lb (4.5 kg)

### STRINGER:

-TUBE Single tube -P010 10 lb (4.5 kg)

### TEKTA:

-1010 10" x 10" (254 x 254 mm) --1720 17" x 20" (432 x 508 mm) -24" x 24" (610 x 610 mm) -2424 -2448 24" x 48" (61 x 122 cm) 24" x 72" (61 x 183 cm) -2472 -4080 40" x 80" (102 x 203 cm)



BULLSEYE

Orange Label:

F grade, fusible

004011 0000

BULLSEYE

P grade, nonfusible

White Label:

Yellow Label: B grade, fusible curious



Green Label: C grade, nonfusible curious

### **COLOR VARIATIONS**

While Bullseye strives for consistent colors, our glass is a handmade product. Colors may vary slightly from images in this catalog, and color may vary slightly between production runs. Some colors may change slightly upon repeated firings or with extensive heatwork. We recommend that artists test samples of the glass using the same firing cycles and processes that will be used in finished pieces.

### STRIKING COLORS

To provide the largest and most interesting palette of colors to the kilnworker and the torchworker, Bullseye produces some glasses that appear pale or colorless and "strike" (i.e. change) to the target color only after reheating.



Some (but not all) of Bullseye's glasses appear pale but "strike" to the target color only after reheating. This example shows pieces of 001125-0030F Orange and 001215-0030F Light Pink Striker in the cold sheet (I), and after firing (r).

Whenever practical, catalog illustrations indicate which styles have a different color in the cold form compared to the struck color. Keep in mind that the resulting color may vary depending on variations in the temperature, atmosphere or amount of heatwork. For example, rapidly heating 001824-0030 Ruby Red Tint Striker during the initial stages of a firing cycle can prevent the glass from correctly striking and give it a blue-brown cast as opposed to the Ruby Red color that develops with more conservative initial rates of heat.

For projects that are especially color-sensitive, we recommend fusing or torchworking a small sample of your glass before use, to best understand the final color result.

"Champagne" bubbles are a typical feature of kilnformed art glass. For information on encouraging or minimizing bubbles in your work, see "TechNote 5: Volume & Bubble Control" at www.bullseyeglass.com/connection/education.

### COMPATIBILITY

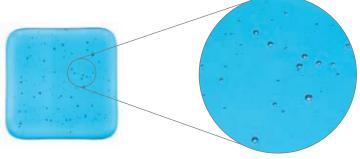
Bullseye glasses are well known for reliable compatibility. But understanding the conditions of our factory testing is important, especially for anyone firing glass under unusual or extreme conditions.

At Bullseye, glasses known to be fairly stable are tested by firing to a top temperature of 1500°F (815°C) and soaking for 15 minutes before annealing. Once cooled, these tests are viewed for stress through polarized light and graded accordingly. Other glasses known to be less stable are fired three times with this cycle to assure good performance under typical multiple fusing and slumping conditions, such as those used in making a simple plate.

For those using a heat process that involves an extra-high temperature or an unusually long firing time, we recommend that you test the glass again, under the conditions specific to your project. For instance, consider Bullseye rods: these are designed primarily for flameworking though they can also be used in other ways. Flameworking glass brings it to temperatures that exceed the kilnforming tests performed at the factory. The compatibility of certain glasses will be more sensitive than others to extensive work in the flame. This might be an issue, especially if you plan to fuse with these flameworked components. Artists who succeed in crossing processes this way are careful not to overwork glasses in the flame and to test the flameworked components using the full range of processes they have planned, before including these in a larger kilnformed project.

Some processes that may not immediately appear to exceed the parameters of the test for compatibility actually do. Holding some glasses for long times at temperatures around 1400°F/760°C, which is in the devitrification range, can cause the glass to change dramatically.

Many glass artists (Klaus Moje, for example) are able to push Bullseye glass to high temperatures for long times with exceptionally good results, but their success is insured by their own testing before making large or complex pieces. This is a wise practice with whatever glass you use. No manufacturer can guarantee glass to perform as expected under all imaginable working conditions.



By working with artists, Bullseye continuously expands its range of products and educational materials to meet your needs for the most sophisticated color palette and reliable technical information.

Glass can be massive and motionless and nevertheless convey ideas of distance, speed, motion and light. Jun Kaneko reviews works in process in Bullseye's studios, 2006. Kaneko's upcoming exhibition runs at the Bullseye Gallery from March 20–July 28, 2007. Photo: Jerome Hart.

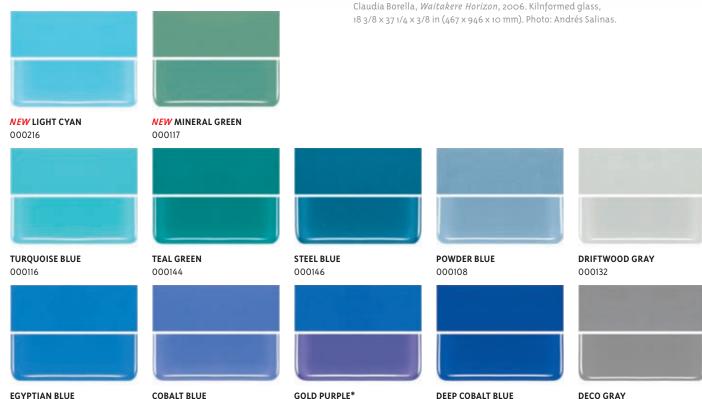


000164

000114

Contemporary or classic? Choose double-rolled 3 mm (-0030) or thin (-0050) Bullseye Compatible sheet glass for kilnforming precision and control. To add extra interest to a traditional stained glass project, use Bullseye's original 3 mm single-rolled "catspaw" opalescent (-0000). Single-rolled opalescent glasses obscure the light and reveal a subtle dappled pattern and a softly undulating surface texture. See "Opalescent Notes" (page 9) for an example of a single-rolled catspaw style.





000147

000136

000334

TOLL-FREE



000421



**SALMON PINK\*** 000305



**PIMENTO RED CANARY YELLOW** 000225 000120





000138

FRENCH VANILLA 000137



**NEW** BURNT ORANGE MINT GREEN 000329 000112

### **OPALESCENT NOTES**

For each style, the top row shows the double-rolled, unfired cold glass color. For stained glass, refer to the top row.

unfired cold glass color

color after a full fuse firing

The same glass after firing to a full fuse is shown directly below the cold glass. For kilnformed glass, refer to the bottom row.

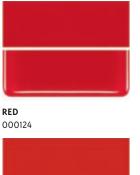
- \*These styles strike or mature to target color on firing. For more information, see page 6.
- \*\*The hues of "shift" colors change depending on the thickness and/or lighting of the piece.

Below is an example of a cold single-



000145-0000

Swatches shown are about two inches wide.





000320

000025





000309

000337



**NEW** BUTTERSCOTCH



000212

**SPRING GREEN** 

000126





**TOMATO RED** 

000024

000301









rolled (-0000) catspaw sheet.



000142

**DUSTY LILAC** 

000303



PUMPKIN ORANGE

000321

000125



WOODLAND BROWN

000203











**DARK FOREST GREEN** 000141

### Blacks and whites—choosing the right one is not always a black-and-white decision. Bullseye makes a black and a white for every purpose.



For kilnforming or stained glass. Completely opaque before and after firing, Opaque White is our brightest white.



For kilnforming. Perfect for fused light shades, it fires to an even white but stays more translucent than White. The level of opacity can be controlled to some extent depending on the firing temperature. Not suitable for stained glass because the cold sheet appears clear and may have irregular white markings.

**OPAQUE WHITE** 000013



For kilnforming or stained glass. Moderately dense. Brighter than White but not as bright as Opaque White.



000137

For kilnforming and stained glass. Before firing it is a warm white with amber tones. After firing, it may strike to a bright dense white, depending on the kiln conditions. This glass is a good choice for kilnforming if you like experimenting. Wonderful to use on edge, producing a subtle organic striped pattern.

**DENSE WHITE** 000313



For kilnforming and stained glass. White transmits light nicely in stained glass applications. After firing, White becomes more opaque but still transmits light.



000113



For kilnforming and stained glass. Layer over any color to add pale wisps and tones while retaining some transparency.



Mel George, Distant, 2006. Kilnformed and torchworked glass, 13/4" x 27/8" x 2"  $(44 \times 73 \times 51 \text{ mm})$ . Photo: Paul Foster.





For stained glass. Choose Lacy White for catspaw pattern and maximum light transmission. Not designed for kilnforming: when fired, Lacy White strikes to an even white with unpredictable density.



000100



For kilnforming and stained glass. Opaque and glossy, our classic Black melts beautifully for a uniform surface.



STIFF BLACK 000101

For roll-ups and kilnforming. Stiff Black sheet glass holds its shape well at blowing temperatures. Stiff Black can also be a good choice for kilnforming: it's not as soft as Black and may behave differently from Black in slumping.

For an unlimited palette, kilnforming precision and control, choose double-rolled 3 mm (-0030) or thin (-0050) transparent Bullseye Compatible sheet. Stack colors to modulate hue, tone and saturation. Single-rolled transparent sheets (-0000) give character to stained glass work with catspaw and undulating surface texture. See "Transparent Notes" (below) for a single-rolled catspaw style.

### TRANSPARENT NOTES

For each style, the top row shows the double-rolled, unfired "cold" glass color. For stained glass, refer to the top row.

thin unfired cold glass color	3 mm unfired cold glass color
thin color	3 mm color
after a full	after a full
fuse firing	fuse firing

The same glass after firing to a full fuse is shown directly below the cold glass. The color in thin is shown on the left, and 3 mm shown on the right. For kilnformed glass, refer to the bottom

- \*These styles strike or mature to target color on firing. For more information, see page 6.
- \*\*The hues of "shift" colors change depending on the thickness and/or lighting of the piece.

Below is an example of cold single-rolled (-0000) catspaw sheet.



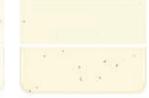
001311-0000

Swatches shown are about two inches wide.





PALE YELLOW TINT 001820



MEDIUM AMBER TINT 001837



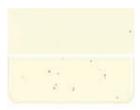
**BURNT SCARLET TINT, STRIKER\*** 001823



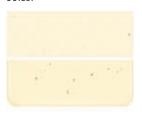
LIGHT AMBER 001437



YELLOW 001120



LIGHT AMBER TINT 001827



DARK AMBER TINT 001838



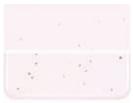
LIGHT PLUM 001405



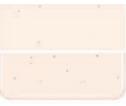
MEDIUM AMBER 001137



MARIGOLD YELLOW 001320



**ERBIUM PINK TINT** 



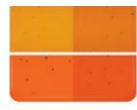
CORAL ORANGE TINT 001834



SUNSET CORAL\* 001305



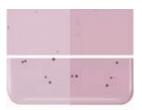
ORANGE\* 001125



CARNELIAN\* 001321



**RUBY PINK TINT, STRIKER\*** 001831



LIGHT VIOLET 001428



**CRANBERRY PINK\*** 001311



RED 001122



**GARNET RED** 001322



**RUBY RED TINT, STRIKER\*** 001824

DEEP PLUM

001105





001215



FUCHSIA\* 001332



Orfeo Quagliata, Sushi Groove bar, Mexico City, 2005. Kilnformed glass bar inserts are made with transparent color and Tekta Clear

sheet glass. Photo: Jaime Navarro.

DEEP ROYAL PURPLE





**VIOLET STRIKER\*** 

001234

**GOLD PURPLE** 

001334

LIGHT SILVER GRAY

001429

**CHARCOAL GRAY** 

001129

Because clear is the canvas for so much of what we do in glass it must also be the most versatile. Only Bullseye provides you with such a broad range of options in this, your most essential material. And every Bullseye clear glass style is lead-free.



SINGLE-ROLLED, 3 mm 001101-0000



DOUBLE-ROLLED, 3 mm 001101-0030

For high-quality kilnwork in 3 mm, 4 mm and 6 mm thicknesses, select the double-rolled -0030, -0380, -0480 or -0680 to minimize bubble entrapment.

For delicate kilnwork or precise additions to layered works, choose Bullseye's thin 2 mm (-0050) sheets.

For crystal clarity, especially in thicker kilnwork, 001401 Crystal Clear is unrivaled for brightness and purity and is available in standard and Tekta sizes and thicknesses.

For traditional or contemporary stained glass techniques, we recommend a single-rolled (-000) sheet with the slightly obscure, softly wavy surface.

### **BULLSEYE ORIGINAL HANDCAST (001101-) BULLSEYE NONLEAD CRYSTAL CLEAR HANDCAST (001401-)**

STYLE CODE	DESCRIPTION	THICK	W X L (MAX)	SHEET WEIGHT	SHEET/ CASE	CASE SIZE (L X H X W)	CASE WEIGHT
001101-0050	Thin-rolled	3/32 in	20 x 17 in	2.5 lb	100	40 x 27 1/2 x 11 in	305 lb
001401-0050	mini-ronea	2 mm	51 x 43 cm	1.1 kg	100	102 x 70 x 28 cm	138 kg
001101-0000	6. 1 11 1	1/8 in	20 x 35 in	8.0 lb	66	40 x 27.5 x 16 1/2 in	580 lb
001401-0000	Single-rolled	3 mm	51 x 89 cm	3.6 kg	66	102 x 70 x 42 cm	264 kg
001101-0030	Double-rolled	1/8 in	20 x 35 in	8.0 lb	66	40 x 27.5 x 16 1/2 in	580 lb
001401-0030	Double-folled	3 mm	51 x 89 cm	3.6 kg	66	102 x 70 x 42 cm	264 kg
001101-0060	Circula well-addicts	1/4 in	20 x 35 in	16 lb	39	40 x 27.5 x 16 1/2 in	685 lb
001401-0060	Single-rolled thick	6 mm	51 x 89 cm	7.2 kg	39	102 x 70 x 42 cm	311 kg



Gordon Huether. The Rock. 2006. Entrance to residence in St. Helena, California. Entry  $8 \times 14 \text{ ft } (2.4 \times 4.2 \text{ m}). \text{ The}$ entry includes rock images made from both Bullseye Clear iridescent and Tekta sheet glass with applied enamels. Photo: Misha Bruk.





**TEKTA, 3 mm** 001100-0380

For projects large or small, thick or thin, select a Tekta in Clear or nonlead Crystal Clear. Pure, bright, and water-white, Tekta is clearly the best base glass.

### Bullseye Tekta is:

- uniform, clean, affordable
- trimmed on four sides
- Bullseye Compatible
- available in these thicknesses:
  3 mm, 4 mm, 6 mm
- available in these dimensions:
  24" x 24" (61 x 61 cm)
  24" x 48" (61 x 122 cm)
  24" x 72" (61 x 183 cm)
  40" x 80" (101.6 x 203 cm) (3 mm, 4 mm only)



Tekta Clear, left, for cost savings. Tekta Crystal Clear, right, for crystal clarity. Slabs are  $8\times8\times13/4$ " (203  $\times$  203  $\times$  44 mm) thick, fused from fourteen layers of 3 mm sheet glass.



TEKTA PACK

Try all three thicknesses with the Tekta Pack. Clear 10" x 10" (25.4 x 25.4 cm) glass in a thickness for every need: thirty pieces of 3 mm, eight pieces of 4 mm, and four pieces of 6 mm.

8356 \$386.30

### BULLSEYE TEKTA (001100-) BULLSEYE NONLEAD CRYSTAL CLEAR TEKTA (001401-)

STYLE CODE	THICK	WXL	SQ FT M²/SHEET	AVG SHEET WEIGHT	SHEET/ CASE	SQ FT M²/CASE	CASE SIZE (L X H X W)	CASE WEIGHT
001100-0380-F-2424	3 mm	24 x 24 in	4 sq ft	6.4 lb	33	132 sq ft	29 x 32 x 9 in	266 lb
001401-0380-F-2424	3 111111	61 x 61 cm	0.37 m <sup>2</sup>	2.9 kg	33	12.3 m <sup>2</sup>	74 x 81 x 23 cm	121 kg
001100-0380-F-2448	3 mm	24 x 48 in	8 sq ft	12.8 lb	66	528 sq ft	53 x 32 x 16 in	950 lb
001401-0380-F-2448	3 111111	61 x 122 cm	0.74 m <sup>2</sup>	5.8 kg	00	49.1 m <sup>2</sup>	135 x 81 x 41 cm	431 kg
001100-0380-F-2472	3 mm	24 x 72 in	12 sq ft	19.2 lb	66	792 sq ft	77 x 32 x 16 in	1382 lb
001401-0380-F-2472	3 111111	61 x 183 cm	1.12 m <sup>2</sup>	8.7 kg	66	73.7 m <sup>2</sup>	195 x 81 x 41 cm	627 kg
001100-0380-F-4080	3 mm	40 x 80 in	22.2 sq ft	35.2 lb	33	733.3 sq ft	86 x 48 x 9 in	1262 lb
001401-0380-F-4080	3 111111	101 x 203 cm	2.07 m <sup>2</sup>	16.0 kg	33	68.2 m <sup>2</sup>	218 x 122 x 23 cm	572 kg
001100-0480-F-2424	4 mm	24 x 24 in	4 sq ft	8.5 lb	25	100 sq ft	29 x 32 x 9 in	268 lb
001401-0480-F-2424		61 x 61 cm	0.37 m <sup>2</sup>	3.9 kg	25	9.3 m <sup>2</sup>	74 x 81 x 23 cm	122 kg
001100-0480-F-2448	4 mm	24 x 48 in	8 sq ft	17 lb	50	400 sq ft	53 x 32 x 16 in	957 lb
001401-0480-F-2448	4 111111	61 x 122 cm	0.74 m <sup>2</sup>	7.7 kg	30	37.2 m <sup>2</sup>	135 x 81 x 41 cm	434 kg
001100-0480-F-2472	4 mm	24 x 72 in	12 sq ft	25.6 lb	50	600 sq ft	77 x 32 x 16 in	1393 lb
001401-0480-F-2472	4 111111	61 x 183 cm	1.12 m <sup>2</sup>	11.6 kg	50	55.8 m <sup>2</sup>	195 x 81 x 41 cm	632 kg
001100-0480-F-4080	4 mm	40 x 80 in	22.2 sq ft	46.9 lb	25	555.5 sq ft	86 x 48 x 9 in	1272 lb
001401-0480-F-4080	4 111111	101 x 203 cm	2.07 m <sup>2</sup>	21.3 kg	25	51.7 m <sup>2</sup>	218 x 122 x 23 cm	577 kg
001100-0680-F-2424	6 mm	24 x 24 in	4 sq ft	12.8 lb	17	68 sq ft	29 x 32 x 9 in	273 lb
001401-0680-F-2424	6 111111	61 x 61 cm	0.37 m <sup>2</sup>	5.8 kg	17	6.3 m <sup>2</sup>	74 x 81 x 23 cm	124 kg
001100-0680-F-2448	6 mm	24 x 48 in	8 sq ft	25.7 lb	33	264 sq ft	53 x 32 x 16 in	952 lb
001401-0680-F-2448	O HIIII	61 x 122 cm	0.74 m <sup>2</sup>	11.6 kg	33	24.6 m <sup>2</sup>	135 x 81 x 41 cm	432 kg
001100-0680-F-2472	6 mm	24 x 72 in	12 sq ft	38.5 lb	33	396 sq ft	77 x 32 x 16 in	1386 lb
001401-0680-F-2472	O HIIII	61 x 183 cm	1.12 m <sup>2</sup>	17.5 kg	55	36.8 m <sup>2</sup>	195 x 81 x 41 cm	629 kg

### **CLEAR & TEKTA NOTES**

All weights and dimensions are approximate. For clear billets, iridescent sheets, textured sheets and frits, see the table of contents.

2 mm

3 mm

4 mm

6 mm

# Add dimension, pattern and surface variety to your piece by selecting sheet glass with textured or iridescent surfaces.

### IRIDESCENTS

Bullseye's unique matte iridescent surface is the first choice of kiln-glass designers and artisans. Permanent at full fusing temperatures (approximately 1500°F/815°C), it is also food safe for functional tableware.



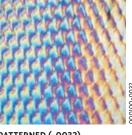
Bullseye Resource Center staff, 2005. Fused and slumped glass,  $7/8 \times 91/2 \times 91/2$  in (22 x 241 x 241 mm).

RAINBOW (-0031, -0051)









SILVER (-0037, -0057)

Silver, gold, and patterned iridescents are

PATTERNED (-0032)



Silver, gold, and patterned iridescents are available on Clear and Black. Other colors may be special ordered. Minimum quantities may apply.

### IRID NOTES



Iridescent coatings may vary in appearance from edge to edge and from sheet to sheet.



### Bullseye Brainstorm: Clear-on-Clear Iridescents

Each tile is made from two four-inch squares of glass, each 3 mm thick. Place a piece of iridized clear-on-clear collage glass irid-face-down on the kiln shelf. Cap it with a dark 3 mm piece of glass. After a full firing, the texture will be flat but the irid pattern remains. These tiles are shown with the fire-polished side down, kiln shelf side up.

### **CLEAR-ON-CLEAR IRIDESCENTS**

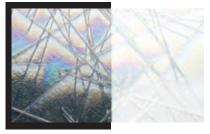
If you like patterned or textured iridescent glasses, take advantage of our three clear-on-clear irids. To keep these versatile, we only make them on Clear glass. You add the color in the second 3 mm layer.



004102-0031 Clear with clear fractures, irid, rainbow

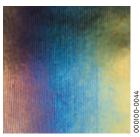


Clear with clear frit, irid, rainbow

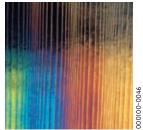


004402-0031 Clear Chopstix, irid, rainbow

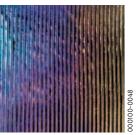
### **IRID TEXTURES**

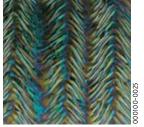


IRID REED (-0044, -0054)



IRID ACCORDION (-0046, -0056) IRID PRISMATIC (-0048)





IRID HERRINGBONE RIPPLE (-0025)



All four textures shown are regularly available on Clear and Black in rainbow iridescent. Other base glass colors and irid coatings are by special order only. Minimum quantities may apply.

### **TEXTURES**

Bullseye makes five textures. Reed and accordion textures are available in both standard (3 mm) and thin (2 mm) variations.





REED (-0043, -0053)

ACCORDION (-0045, -0055)

PRISMATIC (-0047)

**HERRINGBONE RIPPLE (-0022)** 

**SOFT RIPPLE (-0021)** 



All five textures are available on Clear and Black. Other colors may be special ordered. Minimum quantities may apply.

001101 000100

Collage sheets come with a little something extra—random patterns usually created by arranging stringers (glass threads), confetti (thin glass flakes) and/or frits (crushed glass) on the casting table and rolling molten glass over the top. Under the force of the hot glass, the stringers start to twist and cascade. As the glass cools, all these components harden into place.

### FRACTURE-STREAMERS

**NEW** Now offered in Fusible grade for kilnforming. Fracture-streamers are a Tiffany reproduction glass featuring sensuous lines and translucent confetti. Unless otherwise noted, streamers are black. Samples shown are about 6" (152 mm) at full size.



WINTER 004113 White, Clear Streamer



004110 Blue, Green, Aqua, Pink



004112 Green, Yellow



**AUTUMN** 004111 Orange, Yellow, Red



004118 White



004117 Green, White



004114 Spring Green, Deep Pink



004116 Light Pink, Green, White



004122 Light Pink, Plum, White



004128 Deep Pink, Plum, Spring Green, Aqua, Pink Streamers



004121 Light Pink, White



004115 Deep Pink, Light Pink, White



004120 Light Pink, Blue, White



004119 Blue, White

### FRACTURE-STREAMERS ON WHITE



004014 Spring Green, Deep Pink



SPRING 004010 Blue, Green, Aqua, Pink



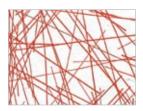
SUMMER 004012 Green, Yellow



AUTUMN 004011 Orange, Yellow, Red



WHITE CHOPSTIX



RED CHOPSTIX 004424



**BLUE CHOPSTIX** 004414



**BLACK CHOPSTIX** 004400

### CHOPSTIX

With patterns that are geometric yet spontaneous, Chopstix sheets feature straight, unwavering stringers that rest in random criss-cross arrangements on a clear base glass. Samples shown are about 8" (203 mm) wide at actual size.



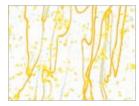
004437

### MARDI GRAS

Mardi Gras sheets combine a colorful sprinkling of frits with stringers. Samples shown are about 6" (152 mm) wide at actual size.



004237 Vanilla & White Frit, Vanilla & White Streamers



004220 Canary & Sunflower Yellow Frit, Sunflower Yellow Streamers



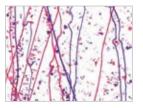
Dark Green & Jade Green Frit, Dark Green Streamers



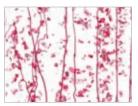
004212 Dark Green, Spring Green & Yellow Frit, Spring Green Streamers



004211 Red, Orange & Yellow Frit, Orange Streamers



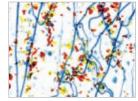
004234 Cranberry & Purple Frit, Cranberry & Purple Streamers



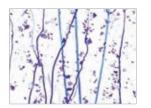
004215 Pink & Cranberry Frit, Pink Streamers



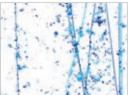
004224 Red Frit, Red Streamers



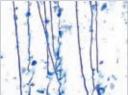
004223 Yellow, Blue & Red Frit, Blue Streamers



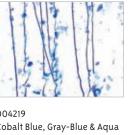
004242 Neo-lavender & Purple Frit, Cobalt Blue & Purple Streamers



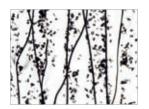
004216 Royal Blue & Turquoise Frit, Cobalt Blue & Turquoise



004219



Cobalt Blue, Gray-Blue & Aqua Frit. Blue Streamers



004200 Black Frit, Black Streamers



004229 Gray & Bronze Frit, Gray & Vanilla Streamers

Streamers begin as stringers (see page 27). Rolled beneath molten clear glass, the stringers swim into free-form lines within the sheet. Samples shown are about 6" (152 mm) wide at actual size.

STREAMERS



WHITE 004158

004218

Streamers

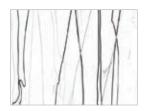
Gray & Black Frit, White



**BLACK** 004100



Brad Teasdale, Birches, 2006. Glass and polished concrete, lacquered poplar frame,  $76 \times 28 \times 12$  in (193 × 71 × 30.5 cm).



**BLACK & WHITE** 004171



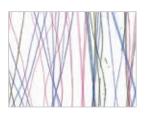
FOREST GREEN 004152



**BLUE & WHITE** 004172



**ROYAL BLUE** 004151



PINK, GREEN & BLUE 004183

Hand-rolled streakies are controlled for mix consistency while retaining the unique patterning of a true art glass. Each style's color content is listed from highest to lowest. White, Ivory, Black and colors described as "opal" are opalescent. All other colors are transparent.



002037 Clear, French Vanilla Opal



002305 White, Salmon Pink Opal



002302 White, Pink Opal



002310 White, Cranberry Pink



002311 Cranberry Pink, White



002137 Medium Amber, White



002250\* Soft Yellow Opal, Deep Red



002123 White, Orange Opal



002024 Clear, Red Opal



002124 Red Opal, White



Clear, Sunflower Yellow Opal



002026 Clear, Spring Green Opal



003501\* White, Deep Forest Green, Caramel Opal



002121 Yellow Opal, Deep Forest Green



003345\* Cranberry Pink, Emerald Green, White



002107 White, Light Green



002112 Mint Opal, Deep Forest Green



003123 White, Orange Opal, Deep Forest Green



002212 Olive Green Opal, Forest Green



003212 Olive Green Opal, Forest Green, Deep Brown



002100 Clear, Black



002109 White, Dark Brown



002209 Dark Brown, White



003203 Woodland Brown Opal, Ivory, Black



002129 Charcoal Gray, White



002130 Clear, White



002304 White, Lavender Blue Opal



002108 Powder Blue Opal, Marine Blue



003126 Cranberry, Royal Blue, Spring Green



003346\* Cranberry Pink, Azure Blue, White



002064 Clear, Egyptian Blue Opal



002164 Caribbean Blue, White



003045\* Azure Blue Opal, Jade Green Opal, Neo-Lavender



003026\* Cranberry Pink, Royal Blue, Spring Green, White



003328 White, Deep Royal Purple, Cranberry Pink



002047 Clear, Deep Cobalt Blue Opal



003334 Cranberry Pink, Gold Purple,



003446\*
Neo-Lavender with Purple
Opal, Azure Blue Opal, & Pink
Streaks, Cranberry Pink, White,
& Aqua Fractures



003445\* Neo-lavender with Purple Opal, Jade Green Opal & Pink Streaks, Green & Cranberry Pink Fractures



002105 Blue Opal, Plum



002128 Royal Purple, Powder Blue Opal



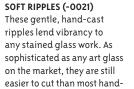
003345-0021\* Cranberry Pink, Emerald Green, White, Ripple



003045-0021\* Azure Blue Opal, Jade Green Opal, Neo-Lavender, Ripple



003346-0021\* Cranberry Pink, Azure Blue, White, Ripple





003334-0021\* Cranberry Pink, Gold Purple, White, Ripple



003126-0021\* Cranberry, Royal Blue, Spring Green, Ripple



003026-0021\* Cranberry Pink, Royal Blue, Spring Green, White, Ripple



003203-0021\* Woodland Brown Opal, Ivory, Black, Ripple

### STREAKIES NOTES

For details on styles, see chart on page 58.

rolled ripples.

Most streakies can be ordered as Bullseye Compatible for kilnforming (code F or B) or for stained glass and mosaics (code P or C).

\*Available as P grade only (not available as Bullseye Compatible).

### Kilncasting on the Rise

More glassworkers than ever aspire to the art of kilncast glass sculpture. By combining Bullseye's palette of colors and forms of compatible glass with kilncasters' ingenious methods for sculpting forms and making molds, the forms that can be created in kilnformed glass are unlimited.

### MATERIAL ADVANTAGE

Bullseye glasses cast differently from lead crystal glasses, requiring different firing schedules and thoughtful attention to mold design and finishing. Bullseye glasses may be more economical to use than lead crystal glasses. For casters concerned about the weight, cost, and safety issues of working with lead crystal, Bullseye can be an excellent choice. It is significantly lighter than lead crystal. In making cost comparisons, remember that full lead crystal glasses weigh as much as 45% more for the same volume of glass. In addition to offering a sophisticated palette, Bullseye offers a wide range of glass forms from powder to frit to sheet glass to billets so that kilncasters can choose the exact look and color desired for a particular project.



In kilncasting, the form and particle size of the glass selected can strongly influence the appearance of the finished piece. For maximum clarity, the rule of thumb is to use the largest and thickest forms of glass. Smaller glass particles increase obscurity due to air trapped between the pieces. Castings made with frits tend to be translucent and those made with powder can be opaque.

Mixing particle sizes can create even more options for giving a glass casting a particular appearance. Here are some examples of various forms of glass used in kilncasting in order of casting clarity from most to least transparent:

Billets Sheet glass Extra large frit Coarse frit Medium frit

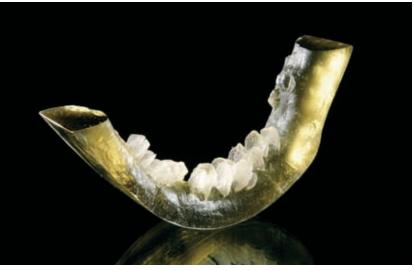
Fine frit Powder

### **BULLSEYE BOX CASTING**

Achieve the optical clarity of hot cast glass without the furnace! Box casting is a relatively simple, direct method that removes many of the variables and much of the mess while allowing the glass kilnworker to achieve depth in a reverse-relief image.

### **SAMPLE SETS**

For billet samples, order the Billet Sample Set shown on page 34. For sheet glass and frit samples, order the Master Kilnforming Sample Set shown on page 34.



Miho Higashide, *Summer Ending Moss*, 2006. Kilncast and coldworked glass,  $45/8 \times 91/8 \times 2$  in (117  $\times$  232  $\times$  51 mm). Photo: Simon Bruntnell.



Anton Hauptman, *Strange Fruit*, 2006. Kilncast glass, 75/8 × 75/8 × 13/8 in (194 × 194 × 35 mm).

### BULLSEYE BOX CASTING PACK

Contains precut, reusable vermiculite boards (for building the casting box), stainless steel screws, precut fiber paper, oil clay, alginate powder, plaster/silica investment mix, mold container, "TipSheet 5: Bullseye Box Casting," and three Bullseye billets. This pack contains the essential materials and instructions to create a cast piece  $7\,5/8\times7\,5/8\times1\,3/8$ " (194 × 194 × 35 mm).

8316 \$287.20





Choice colors for kilncasters. With the addition of new Black and White, billets are available in twenty-four Bullseye Compatible styles.



**NEW** BLACK





000113-0065

INDIGO

**CRYSTAL CLEAR** 

001401-0065

CLEAR

**AQUA BLUE** 001808-0065

000100-0065

**GRAY BLUE** 001864-0065

001818-0065

### **BILLET NOTES**

Each Bullseye billet is approximately  $5" \times 10" \times 3/4"$  (127 × 254 × 19 mm) and weighs about 3.5 lb. (1.6 kg).

Three stacked billets demonstrate the increase in color saturation with thickness



before firing. For more information,



Striker billet before firing.

\*\*The hues of shift colors change depending on the thickness and/or lighting of the casting.

For projects requiring billets to have exactly matching colors, we suggest you request glasses produced from the same melt/date.



**ERBIUM PINK** 001821-0065

001101-0065



**RUBY PINK STRIKER\*** 001831-0065





**CORAL ORANGE** 001834-0065



**RUBY RED STRIKER\*** 



\*These styles strike, or mature, to target color on firing and look like this see page 6.



**GREEN TEA** 

001826-0065

**OLIVE SMOKE** 001867-0065



RHUBARB PINK/GREEN SHIFT\*\*

**IUNIPER BLUE** 001806-0065

001859-0065



**BURNT SCARLET STRIKER\*** 

**GRASS GREEN** 001807-0065

001823-0065



SPRUCE GREEN 001841-0065



**PALE YELLOW** 001820-0065



LIGHT AMBER 001827-0065

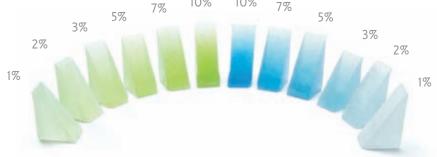


MEDIUM AMBER 001837-0065



DARK AMBER 001838-0065

# 7% 10% 10% <sub>7%</sub> 5% 5% 3%



Frit tinting allows the creation of extremely specific color blends for kilncasting and pâte de verre by combining powdered frit (-0008) with larger-grained frits (-0001, -0002, -0003). Careful testing allows the artist to pinpoint exactly how to achieve the desired color saturation and translucence.

A surprisingly small amount of Bullseye powder will add substantial color to clear frit. The picture above shows the saturation resulting from various ratios of powder to frit. The samples were cast as triangular wedges, a shape that allows the color to be viewed at different thicknesses.

These samples are made of 001101-0002 Clear medium frit. One series is mixed with 001426-0008 Spring Green powder and the other with 001116-0008 Turquoise Blue. The percentage of colored powder to clear frit is indicated.

### **CHOOSING THE GLASS**

Decide on the percentage of color in powder (-0008) and select the grain size of clear base frit to mix with it to accomplish the desired result:

- **-0001 (fine frit)** will tend to trap many small bubbles during the firing process and make the finished casting look opalescent, even when using 001401-0001 Crystal Clear.
- -0002 (medium frit) will also trap bubbles, but these will be slightly larger and fewer than those created using -0001. Using -0002 as a base glass will create a very homogenous blend with good transmission of light.
- -003 (coarse frit) will create fewer but larger bubbles than the mixes made with -0001 and -0002 and will appear less blended as each grain of -0003 becomes "outlined" in color.

### WEIGHING THE FRITS AND POWDERS

Once the weight of the glass needed to fill the mold has been determined\*, the proportionate weights of the frit and powder must be calculated based on the percentage of color desired. For example, if the mold requires a total of 500 grams of glass, and the color is to be a 3% tint of 000126-0008 Spring Green powder with 001101-0002 Clear frit:

3% of 500 grams is 15 grams (500 x 0.03)

So, filling the mold will take:

15 grams of 000126-0008 Spring Green powder 485 grams of 001101-0002 Clear frit (500 total grams minus the 15 grams of powder)

Weigh the two different amounts of glass in separate containers using a lidded one for the Clear.

### MIXING THE FRITS

With a spray bottle, lightly mist the Clear glass with water, close the lid, and shake vigorously to coat every particle of glass with water. Once the Clear has been humidified, add the weighed powder. Shake vigorously so that each particle of Clear is covered with the powder. Even small percentages of powders can achieve a well-blended mix.

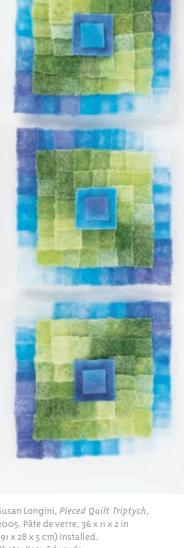
Pack the mold with the damp frit mixture and fire promptly. Left to sit, the glass is likely to dry out, causing the powdered coating to separate from the base frit and fall to the bottom of the container.

### **HEAT TREATMENT AND SURFACE**

Frit casting can produce a variety of finishes through the choice of the mold material, the heat treatment in the kiln, and coldworking methods.

Susan Longini, Pieced Quilt Triptych,
2005. Pâte de verre, 36 × 11 × 2 in
(91 × 28 × 5 cm) installed.
Photo: Keay Edwards.

Longini fired her tinted components
to a low temperature, retaining a
delicate, granular appearance.



Steven Easton, Snow Queen's Realm II (detail), 2005. Pâte de verre, 5 x 36 x 84 in (13 x 91 x 213 cm) installed. Photo: Mark Johnston.

Easton fired his tinted components to a higher temperature, then coldworked them, giving them translucency and a lustrous surface.

<sup>\*</sup>See page 5 of "TipSheet 5: Bullseye Box Casting" for calculating how much glass will fill a mold: www.bullseyeglass.com/connection/education.



Bullseye frits are made from crushed, screened, and magnetically cleaned Bullseye Compatible sheet glass.

Available in 103 colors and three grain sizes plus powder, that's 412 choices. And there's one more: a sumo-sized extra-large frit which comes in Clear.

Frits are versatile and can be used in:

- · Pâte de verre and kilncasting
- Kilnforming, including glass sketch and painting with light techniques
- Torchworking and blowing, to create colors and patterns on surfaces











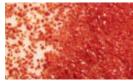
(-0001) FINE ranges from 0.2 to 1.2 mm

NEW

**OPALESCENT** 

000113





(-0002) MEDIUM ranges from 1.2 to 2.7 mm











(-0005) EXTRA LARGE ranges from 5.2 to 30 mm (Clear only)

### FRIT COLORS



000136 000101 000100

NFW

### TRANSPARENT

				NEW				
001823	001831	001824	001215	001332	001311 NEW	001122	001322	001109
001820	001826	001837	001437	001838	001321	001125	001305	001119
001834	001827	001867	001320	001137	001120	001126	001426	001141
001807	001859	001841	001107	001116	001417	001112	001145	001412
001818	001864	001842	001442	001414	001808	001408	001406	001108
001821	001405	001428	001105	001234	001128	001334	001114	001118
001401	001101	001806	001829	001429	001409	001439	001449	001129

### FRIT NOTES

Frit colors shown here are based on the appearance of thin sheet colors. Color saturation may vary based on individual application. Frit applied in thin layers may be lighter in color. Frit applied or kilncast in thicker layers may be darker and more saturated in color.

FRIT PRICING: Frits and powders are always sold as compatible (F) and are packaged in wide-mouth 5 lb (2.27 kg) or 1 lb (.45 kg) jars. See price charts on pages 52 to 57 for pricing on all frits.

Confetti, paper-thin shards of glass, can be fused over or between sheets to provide random shapes and patterns or used for shading and other types of color blending.

### **CONFETTI NOTES**

Single colors available in 4 oz (113 g) and 1 lb (454 g) jars. MiniMix Confetti includes an assortment of tiny-sized colors and comes in 8 oz (227 g) and 2 lb (907 g) jars. See page 60 for details.



### Blowing Cullet



### 001501-0066P BLOWING & HOT CASTING CULLET

A water-white clear that is as bright as crystal without the lead, Bullseye's 001501-0066P cullet is sold by the pound in 40 lb (18.1 kg) buckets and 250 lb (113.4 kg) barrels. Formulated to be melted in a furnace, not a kiln. While not necessary for the roll-up method, 001501-0066P is recommended for making collars.

### 000101-0030 STIFF BLACK

3 mm sheet glass for roll-ups and kilnforming. Stiff Black sheet glass holds its shape well at blowing temperatures. Stiff Black can also be a good choice for kilnforming—it's not as soft as 000100-0030 Black, and may behave differently from Black in slumping.



Claudia Whitten, Earthenware I, 2005. Kilnformed, rolled-up and blown glass, 7 x 8 x 8 in (178 x 203 x 203 mm).
Gaffers: Ralph Mossman, Mary Mullany.

### THE AMAZING ROLL-UP

Take kilnformed glass into the round with the Australian roll-up. Fused glass panels, properly prepared, can be rolled up and blown out to make deep vessels. The roll-up method requires a glory hole and does not need a glass furnace, making studio maintenance for this blowing method much less costly than running a full hot shop. The method was developed primarily by Australians Klaus Moje, Scott Chaseling and Kirstie Rea. For details, see "TipSheet 6: The Amazing Roll-up" at www.bullseyeglass.com/connection/education.

**FOLL-FREE** 

Stringers, threads of glass pulled from remelted Bullseye compatible sheet, can be used for lines or patterns in two- or three-dimensional kilnformed or torchworked projects. Bend these with a candle or use them straight from the tube.

### **OPALESCENT**



### **TRANSPARENT**



STRINGER NOTES

In both 1 mm (-0107) and 2 mm (-0272) thickness, stringers are approximately 17 1/2" (445 mm) long.

Both sizes of stringers are packaged in 18" (457 mm) long, 3/4" (19 mm) diameter clear plastic tubes by volume.

A tube of 1 mm stringers contains approximately 140 pieces. A tube of 2 mm stringer contains approximately forty-five pieces.

Tubes are packaged by volume.

Stringers are also available in bulk quantities of ten pounds (4.5 kg) per box.

\*To equalize pricing, tubes of colors made with gold contain fewer stringers than tubes of other styles.



With thirteen new colors and a new wider clear rod, Bullseye now offers 108 rod choices for torchworking and kilnforming. Drawn from compatible Bullseye glass, each rod is approximately 17" (43 cm) long and 4-6 mm in diameter.



**CORAL ORANGE TINT** 001834-0576



PALE YELLOW TINT 001820-0576



RHUBARB PINK/GREEN SHIFT\*\* 001859-0576



SPRUCE GREEN TINT 001841-0576



**GRASS GREEN TINT** 001807-0576



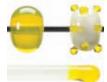
**NEW** PALE EMERALD 001517-0576



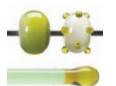
LIGHT PLUM 001405-0576



SUNSET CORAL\* 001305-0576



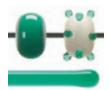
YELLOW\* 001120-0576



**CHARTREUSE\*** 001126-0576



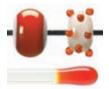
LIGHT GREEN 001107-0576



**EMERALD GREEN** 001417-0576



LIGHT PINK STRIKER\* 001215-0576



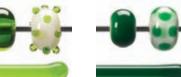
ORANGE\* 001125-0576



LIGHT AMBER 001437-0576



SPRING GREEN 001426-0576



**KELLY GREEN** 



001145-0576



**CRANBERRY SAPPHIRINE\*** 001342-0576



RFD\* 001122-0576



MEDIUM AMBER 001137-0576



SEAWEED AVENTURINE 001812-0576



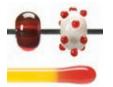
LT. AVENTURINE GREEN 001412-0576



**CRANBERRY PINK\*** 001311-0576



**GARNET\*** 001322-0576



**RED ORANGE\*** 001022-0576



**OLIVE GREEN** 001141-0576



**AVENTURINE GREEN** 001112-0576



LIGHT VIOLET 001428-0576



LIGHT BRONZE 001409-0576



SIENNA\* 001119-0576



KHAKI 001439-0576



DARK ROSE BROWN 001109-0576

### **TORCHWORK NOTES**

RODS: To indicate which rods strike, the round end has been worked in the flame.

BEADS: Some of the beads shown include a white core of 000137-0576 French Vanilla wrapped in 001101-0576 Clear and topped with colored dots.

Darker transparent colors are shown with the color wrapped around a core of 000313-0576 Dense White.

PRICING: Rods may be purchased by the pound, half pound, or individually at \$1.85. Lustres are \$5.15 each. Approximately eighteen to twenty rods per pound (fourteen per pound for lustres). See price charts on pages 52 to 57 for per pound pricing. For information on volume discounts, call the Bullseye Resource Center tollfree at 888.220.3002.

\*These styles strike or mature to target color on firing. For more information, see page 6.

\*\*Hues of "shift" colors change depending on the thickness and/or lighting of the piece.



**CRYSTAL CLEAR** 001401-0576



CLEAR 001101-0576



**ERBIUM PINK TINT** 001821-0576



**AQUA BLUE TINT** 001808-0576



JUNIPER BLUE TINT 001806-0576



**NEW** PALE AMETHYST 001528-0576



LT. AQUAMARINE BLUE 001408-0576



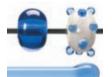
*NEW* PALE SKY BLUE 001514-0576



LT. NEO-LAVENDER SHIFT\*\* 001842-0576



**TURQUOISE BLUE** 001116-0576



LIGHT SKY BLUE 001414-0576



**NEO-LAVENDER SHIFT\*\*** 001442-0576



STEEL BLUE 001406-0576



**NEW PALE STEEL BLUE** 001506-0576



**NEW** LIGHT FUCHSIA\*

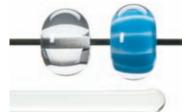






**VIOLET STRIKER\*** 







**CARIBBEAN BLUE** 

001164-0576

AQUAMARINE BLUE 001108-0576



**DEEP ROYAL BLUE** 

001114-0576

**GOLD PURPLE\*** 001334-0576



MIDNIGHT BLUE 001118-0576



DEEP ROYAL PURPLE 001128-0576



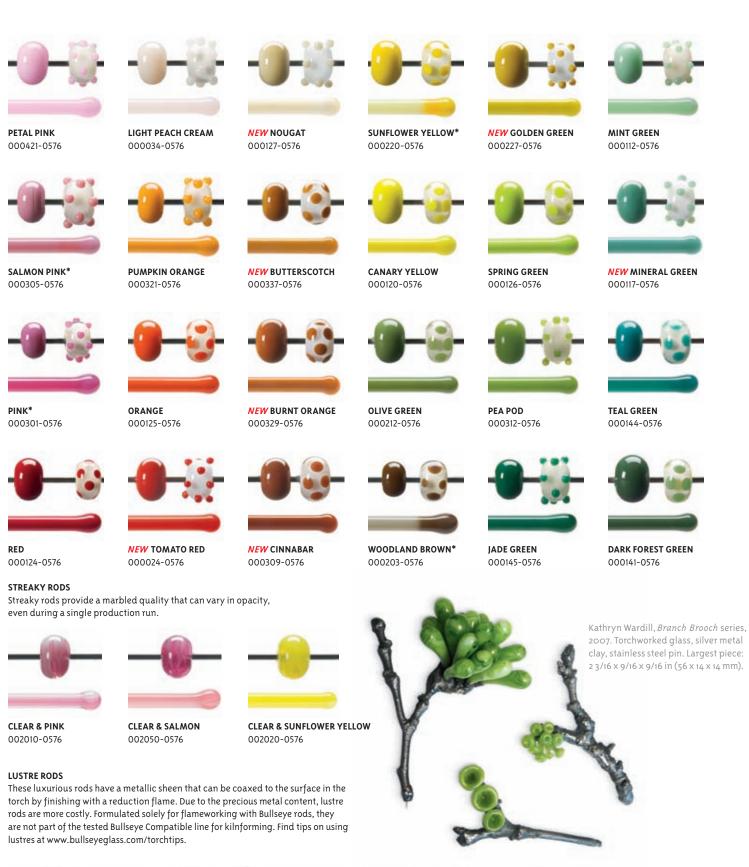
Amy Buchwald, Sorrow, 2006. Torchworked and kilnworked glass with aluminum base,  $21 \times 71/2 \times 71/2$  in

**DEEP PLUM** 001105-0576



CHARCOAL GRAY 001129-0576











COPPER GREEN LUSTRE\* 001717-0576



**GREEN LUSTRE\*** 001707-0576



**BLUE LUSTRE\*** 001714-0576











000146-0576

**GOLD PURPLE** 000334-0576

000100-0576

STIFF BLACK 000101-0576

### SIZZLE STIX

Sizzle Stix are 16" long (406 mm) strips of dichroic glass cut from thin (2 mm) Bullseye Compatible clear and black glass, pre-fired to round the edges and minimize thermal shock in the flame. Wide Sizzle Stix are 1/4" (6 mm) wide and sold in tubes of twelve. Narrow Sizzle Stix are 1/8" (3 mm) wide and sold in tubes of eighteen.



Get variety, convenience, and quality by ordering glass packs. Whether outfitting a class or expanding your own palette, these cut-piece assortments give you maximum variety at minimum expense.



### STUDIO RODZ PACK

An ample sampling of most Bullseye rods. One-third pound of all standard rod colors plus a full pound of Stiff Black (000101-0076), French Vanilla (000137-0076), and Clear (001101-0076). Does not include lustres, Black (000100-0076), or Crystal Clear (001401-0076). 

\*\*8506 \$495.00

These packs each contain approximately 45 lbs/20.4 kg (30 sq ft/2.78 m²) of Bullseye glass and hold approximately forty-five pieces (10" x 10"/254 x 254 mm) each or thirty-eight pieces (5" x 10"/127 x 254 mm) and twenty-five pieces (10" x 10"/254 x 254 mm). All pieces are individually marked for easy reference in the catalog (included in each shipment). Shipping dimensions: 13 x 14 x 14 in (330 x 356 x 356 mm). Shipping weight: approximately 50 lb (22.7 kg).



### PANEL PACK

A quality assortment of opals, shimmering iridescents, jeweltone cathedrals, daring collage glasses and subtle hand-cast textures for that special quality touch in your stained glass project. May include 5" x 10" (127 x 254 mm) pieces.

3361 \$350.15



### MOSAIC PACK

Emphasizing bright opals and nature-inspired colors. Streakies and irids may be included for added variety. May include 5" x 10" (127 x 254 mm) pieces. 8363 \$350.15



### CLASS PACK

This Bullseye Compatible collection is a colorful assortment of fusible transparents, opals, irids, and clear glasses. May include all 10" x 10" (254 x 254 mm) pieces.



### LAMP PACK

A treasure chest of art glasses for lamp makers and teachers of stained glass: solid opalescents and streakies, iridescents, and fracture-streamers. May include all 10" x 10" (254 x 254 mm) pieces. 8360 \$425.20



### TEKTA PACK

Clear 10" x 10" (254 x 254 mm) glass in a thickness for every need: thirty pieces of 3 mm, eight pieces of 4 mm, and four pieces of 6 mm. Trimmed on four sides, uniform, leadfree, clean, affordable and Bullseye Compatible.

8356 \$386.30

# DISCOPACK

### **DISCO PACKS**

Precut circles of Bullseye Compatible clear 3 mm sheets. Reduce preparation time for platemaking classes. Includes handouts with helpful tips and firing schedules.

71/2" (191 mm) circles, 30 discs Shipping dimensions:  $12 \times 12 \times 81/2$  in (305  $\times$  305  $\times$  216 mm) Shipping weight: 16 lb (7.3 kg)

8365 \$321.85

9" (229 mm) circles, 30 discs Shipping dimensions:  $13 \times 13 \times 9$  in (330  $\times$  330  $\times$  229 mm) Shipping weight: 23 lb (10.4 kg)

8366 \$374.30

12" (305 mm) circles, 20 discs Shipping dimensions: 16 x 16 x 7 1/2 in (406 x 406 x 191 mm) Shipping weight: 27 lb (12.2 kg)

8368 \$352.60



### BULLSEYE BOX CASTING PACK

Contains precut, reusable vermiculite boards (for building the casting box), stainless steel screws, precut fiber paper, oil clay, alginate powder, plaster/silica investment mix, mold container, "TipSheet 5: Bullseye Box Casting," and three Bullseye billets. This pack contains the essential materials and instructions to create a cast piece  $7\,5/8\times7\,5/8\times1\,3/8$ " (194 × 194 × 35 mm).

8316 \$287.20



### FRIT PACK

Seven colors in four grit sizes. Each 4 oz (113 g) bag ziplocks for easy storage. A great introduction to an essential material.

8313 \$26.30



### POWDER PACK

Get started with this sampler of powders in random selection of seven varied colors. 4 oz (113 g) ziplock bags keep powders neatly sealed.

8314 \$31.30



### STUDIO FUSER PACK

A sampler of time-tested favorites: approximately twenty colors of 3 mm and 2 mm fusible sheet glass (9 sq ft/0.84 m²), ten tubes of colorful frits, five bags of confetti and four tubes of assorted colored stringers. Ideal for beginners, experimentation, or jewelry projects.

Shipping dimensions:  $16 \times 8 \times 11$  in ( $406 \times 203 \times 279$  mm) Shipping weight: 20 lb (9.1 kg)

8315 \$352.00



### PAINTING WITH LIGHT PACK

Nine 1 lb jars of colored powders, three jars of clear frits in fine, medium and coarse grains and an assortment of colored stringers are the basics. Four stencils, two powder sifters, a frit sifter, sgraffito tool, GlasTac and our "TipSheet 4: Designing Your Own Art Glass," and you're on your way to kilnforming with a fresh and flexible touch. (Order sheet glass blanks separately).

Shipping dimensions:  $12 \times 12 \times 5$  in (305  $\times$  305  $\times$  127 mm) Shipping weight: 15 lb (6.8 kg)

8357 \$293.90



### **GLASS SKETCH PACK**

A sgraffito tool, two powder sifters, a frit sifter, Black powder (1 lb/454 g), Black and Clear fine frits (1 lb/454 g ea), stringers (9"/ 229 mm tubes), and six Tekta 4 mm Clear glass sheets (10" x 10"/254 x 254 mm). Nearly all you need to explore the essentials of drawing with glass. Work with a limited range of materials to open up new possibilities.

Shipping dimensions:  $8 \times 12 \times 13$  in (203  $\times$  305  $\times$  330 mm) Shipping weight: 15 lb (6.8 kg)

8358 \$199.25

### **SAMPLE SETS & UPDATES**

Bullseye is known for the consistency of its product line. At the same time, our glass is a handmade product. Virtually any colored material—from fabric to wallpaper to carpeting—will have variations from run to run. In glass, variations occur from sheet to sheet. To help interpret and use our sample sets, keep the following in mind:

**Mid-range approximations.** Representative samples are selected for surface color, texture and transmitted light qualities of the middle of our color range. Glass ordered may vary slightly from the sample.

Wider color variations on fusible glass. Some glass styles change appearance after firing. When a glass changes color upon reheating, it is said to "strike." We choose samples that are as close as possible to the fired color and we reheat some samples to reveal the fired color. For these striking styles, ordered glass might look different from the sample. Striking is most common in the complex colors: reds, yellows, oranges, and pinks made with gold. Also, the fired color may vary based on the firing cycle used in your kiln, especially on striking colors.

**Purpose:** Samples are selected strictly as a visual reference and may not be Bullseye Compatible.

### MASTER KILNFORMING SAMPLE SET

Includes every standard glass color and shape that Bullseye makes for kilnwork and a few nonstandard, too. Set of six volumes in sturdy shelf cases includes: thins and double-rolled sheet glass, frits, stringers, confetti, rod, iridescents and textures. With approximately 655 separate samples there is not another system on the market that gives you this kind of range for your kilnwork!





### MASTER STAINED GLASS SAMPLE SET

The complete Bullseye reference for the stained glass designer. Over 270 separate samples including opalescents, cathedrals, iridescents, and collage glasses in 2 1/2" x 3" (64 x 76 mm) samples. The larger 3" x 5" (76 x 127 mm) samples of streakies and ripples assure a generous view of our most exotic offerings.

8121 \$110.00



### TORCHWORKING SAMPLE SET

Bigger and better set for viewing Bullseye's full line of 108 rod and 57 stringer styles for torchwork and kilnwork. Plus, it shows four samples of Sizzlestix. Each sample piece is 1" (25 mm) long, glued and labeled onto sturdy cards and neatly organized in a glossy red binder. Approximately 170 samples altogether.







### DICHROIC SAMPLE SET

Featuring thirty samples permanently mounted and sealed onto two cards to fit your Master Kilnforming Sample Set. Coated by CBS (Coatings by Sandberg), each measures 1 1/2" x 1 1/2"(38 x 38 mm).

Bullseye carries 3" x 3" (76 x 76 mm) cut pieces of CBS dichroic glass in approximately sixty styles. For more information, see our dichroic glass web page at www.bullseyeglass.com/dichroic.

### **BILLET SAMPLE SET**

Twenty-four cut billet rectangles show Bullseye's twenty tinted colors for casting, plus standard Clear, lead-free Crystal Clear, and two new opalescent styles: Black and White. This set may be used as a color guide for selecting billets or cullets. To predict color, view the sample through the side with the dimension that most closely matches the thickness of your planned project. Samples measure approximately 1 1/2" x 2 1/2" x 3/4" (38 x 64 x 19 mm).



### AMPLE SET UPDATES

These charts show the eleven available sample set updates. If you already have a sample set, refer to its registration number (reg #) to determine which set(s) you need. New sets will ship with all styles in production through 2007.

### STAINED GLASS SAMPLE SET UPDATE

21/2" x 3" (64 x 76 mm)

	•	•		
UPDATE	REG # IS BELOW	NEW STYLES	ITEM CODE	PRICE
2005	21561	37	8134	\$12.00
2006	22657	10	8136	\$8.00
2007	22788	10	8143	\$15.00

### KILNFORMING SAMPLE SET UPDATE

Mounted in plastic sheets for three-ring binder  $2" \times 2"$  (51 x 51 mm)

UPDATE	REG # IS BELOW	NEW STYLES	ITEM CODE	PRICE
2005	21142	37	8135	\$12.00
2006	22467	26	8137	\$14.00
2007	22902	25	8144	\$15.00

### ROD SAMPLE SET UPDATE

Mounted on a card punched for three-ring binder 1" (25 mm) length

UPDATE	REG # IS BELOW	NEW STYLES	ITEM CODE	PRICE
2005	pre 2005	34	8131	\$12.00
2006	22229	12	8138	\$6.00
2007	22322	14	8145	\$8.00

### BILLET SAMPLE SET UPDATE

11/2" x 21/2" x 3/4" (38 x 64 x 19 mm)

UPDATE	REG # IS BELOW	NEW STYLES	ITEM CODE	PRICE
2005	21701	11	8104	\$12.00
2007	22402	2	8146	\$4.00

### REPLACEMENT SAMPLES

Individual replacement samples are available for the Kilnforming and Stained Glass Sample Sets.

Replacements for Master Kilnforming Sample Set,  $2" \times 2" (51 \times 51 \text{ mm})$ .

**❖** SAMPLE 1 \$1.15

Replacements for Master Stained Glass Sample Set,  $21/2^{\circ} \times 3^{\circ}$  (64 x 76 mm).

\$2.25

SAMPLE 2 \$1.15

Replacements for Ripples, Streakies, 3" x 5" (76 x 127 mm). For more accurate pattern representation, ripples, and streakies samples in the Master Stained Glass Sample Set are larger.

SAMPLE 3

Glass is only one part of the glassworking equation. Good tools and supplies are another. Here at Bullseye, we use these tools and supplies daily in our classes and our research, in our demonstrations and with our visiting artists. Tools must work well for us before we recommend them to you. Supplies must perform reliably. So, our product choices are select rather than comprehensive and favor dependability, utility, and safety.

Bullseye powders can be applied to sheet glass by simply using a sifter and gravity—no glue necessary. Photo: Jerome Hart.



Exceptionally comfortable grip.

\$37.45

**◆** 7026

Before investing in expensive saws or grinding equipment, learn to cut well by hand. A high quality hand-held tool keeps you in touch with the glass. Knowing the sight and sound of a good score line and the feel of a clean break is the foundation of your glass-working skill set. Make it easy with good tools and good technique. For glass-cutting tips, see "Improve Your Glass Cutting" at www.bullseyeglass.com/connection/education.



particles, promotes a clean break, helps assure a smooth run

7157

**❖** 7136

\$5.20

\$22.15

and long life of the wheel.

One-liter refill container

1.7 fl oz (.05 L)

### "RUDI GRITSCH'S FAVORITE" GROZING PLIERS

Rudi's own pair of these pliers is older than his adult kids. Carbide steel means a lifetime of use. Narrow (4 mm) jaws are great for fine detail work.

**7165** 

\$95.60

### GLASS NIPPERS WITH CARBIDE IAWS

Great tool for recycling scrap into coarse frit. Blades are designed to force cracks to run toward edge of glass.

**7166** \$33.70



An indispensable tool for running scores in 6 mm to 12 mm thick glass. It makes running fused glass a snap.

**\*** 7007 \$48.60

#### RUNNING PLIERS

Adjustable rotating jaw allows running of score from interior of glass. Indispensable for inside curves and thin strips. Lightweight but strong aluminum is very comfortable in the hand. Replacement pads available.

**❖** 7167 \$65.75

### **NEO GC CUTTER**

The Neo GC uses two high-grade carbide blades in a scissor-like motion to cut small pieces quickly and easily. Especially useful for mosaic work or turning scrap into larger-sized frit.

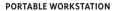
**❖** 7162 \$41.00

### DIAMOND GRINDING PADS

For removing, grinding and smoothing rough surfaces, sharp edges and flashing on cut, fused or cast glass. These 2 1/4" x 4 1/4" x 1" (57 x 108 x 25 mm) flexible foam-backed hand pads have a diamond cutting surface composed of micron-graded diamonds in a metal-plated bond. More durable than resin-bonded pads, these pads also have plenty of diamonds per square inch for faster cutting. Use the set sequentially from coarsest to finest for best results. Numbers refer to mesh size of diamond.







Includes 24" x 24" (61 x 61 cm) pad with combination strip and circle cutter. Ideal for students and on-site work. Roll it up and take it along! Angle system (shown attached) is sold separately.

**7160** 

### REPLACEMENT HEAD

(not shown) For Portable Workstation cutter.

\$17.15



### GEOMASTER ANGLE CUTTING SYSTEM

Attach to the Portable Workstation (listed above) for precise angles every time.

**7183** \$88.55



#### **BULLSEYE STRAIGHTEDGE**

It's simple and straightforward. That's why it gets used so often in our studios for making straight scores. The 1/4" (6 mm) high sides guide hand-held glasscutters. It's nonskid, lightweight and durable. Now available in two sizes: 22" (56 cm) long for cutting across and 36" (91 cm) for cutting down the length of a standard Bullseye glass sheet.

22" (56 cm) **7270** \$15.00 36" (91 cm) **7271** \$24.00

### DIAMOND POINT SCRIBE

One tiny diamond in the tip lets you put a permanent signature on your glass. Portable and lasts for years.

**❖** 7226 \$18.40

### HALF-ROUND DIAMOND FILE

For filing harder-to-reach surfaces. About the size of a toothbrush, but don't try it on your teeth! The diamond mesh size is 120#. The diamond pad measures about 3/8" x 1 3/4" (10 x 44 mm).

**7229** \$10.35



### SICKLE STONE

As simple as it gets. An aluminum oxide abrasive stone for hand smoothing of sharp glass edges.

**7117** \$7.50 These products are tried and true. We use our own line of supplies in the factory, in our workshops, and with visiting artists, so we know these perform.



### GLASTAC

Lightly tacks glass pieces in place prior to firing. Slow drying and pliability allows readjustments as you work. Organic colorant lets you see where you've put it on clear glass but it burns out in the kiln. Use sparingly. Water soluble. Handy 4 fl oz (.12 L) applicator bottle.

8234 \$6.00

For refills try the 32 fl oz (.95 L) bottle.

8232 \$25.10



#### **BULLSEYE SHELF PRIMER**

Bullseye's popular pink formula. Each batch is kilntested to ensure consistency from run to run. Illustrated instructions discuss application, drying, mixing, precautions and storage. One 5 lb bucket will coat about a hundred and fifty 20" sq (129 cm²) shelves.

5 lbs (2.27 kg) **8220 \$27.85** 40 lbs (18.14 kg) **8222 \$160.90** 



For the smoothest finish on the bottom of your kiln-fired projects. Quicker and easier to use than primer. (Good for one use only.) Instruction sheet included. Three options available:

20 1/2 x 20 1/2 in (52 x 52 cm)	<b>*</b> 7089	\$3.95/SHEET
Pack of 100 sheets	8210	\$303.70
250 ft x 41 in (76.2 x 1.04 m) roll	8211	\$801.50

### VERMICULITE BOX

Precut, reusable vermiculite boards for building a casting box that can be used to create a cast glass piece that is 7 5/8" × 75/8" × 13/8" in (194 × 194 × 35 mm). Fiber paper sold separately, see page 39.







### **VERMICULITE BOARD**

A high-density vermiculite board that can withstand temperatures up to 2012°F (1100°C). This board is stronger than most fiberboard and can be cut and tooled just like wood. However, it is not recommended for use as kilnshelf. While it is certified asbestos-free, please use a NIOSH-approved respirator when cutting or creating dust. Prefire to 1580°F (860°C) for a half hour before initial use.  $1 \times 24 \times 36$  in  $(25 \times 610 \times 914 \text{ mm})$ . Est. weight: 19 lbs. (8.6 kg)

**8240** \$33.10

### **BOX CASTING REFILL SUPPLIES**

Best used to create open-face castings with the assembled mold techniques described in "TipSheet 5: Bullseye Box Casting" at www.bullseyeglass.com/connection/education.



### **HYDROGEL N**

A flexible mold compound used to make mother molds for casting multiple copies. When mixed to a creamy consistency with water, Hydrogel N sets in approximately five minutes to a rubbery gel that yields an excellent mold impression. Hydrogel N molds can be kept for a few days in a sealed, airtight container. Because of its ability to set quickly, this is a great product to use for demonstrations and workshops.

1.5 lbs (.68 kg)	<b>3242</b>	\$29.50
5 gals (18.93 L)	<b>3</b> 8243	\$119.0

### INVESTMENT (PLASTER-SILICA)

A simple mixture of pottery plaster and silica flour which releases easily from Bullseye glass.

5 lbs (2.27 kg)	<b>*</b> 8244	\$12.30
40 lbs (18.14 kg)	<b>3245</b>	\$73.05



### KILN BRIX & HOT DAMZ

Mullite clay Damz and hard Brix bracers make containing thicker fused slabs a breeze. Three sizes of Brix and three sizes of Damz. Combine and conquer.

### HOT DAMZ

6 x 2 x 1/2 in (152 x 50.8 x 12.7 mm)	8890	\$8.00
8 x 2 x 1/2 in (203 x 50.8 x 12.7 mm)	8891	\$9.95
10 x 2 x 1/2 in (254 x 50.8 x 12.7 mm)	8892	\$12.40
KILN BRIX		
9 x 2 1/4 x 2 1/2 in (229 x 57.2 x 63.5 mm)	8896	\$15.90
4 1/2 x 2 1/4 x 2 1/2 in (114 x 57.2 x 63.5 mm)	8897	\$9.75
4 1/2 x 1 1/8 x 2 1/2 in (114 x 28.6 x 63.5 mm)	8898	\$6.70

### BRIX NOTES

Tolerance on Brix dimensions is 1/8 in (3.18 mm)

HOW TO: To learn how to create multi-layered imagery in thick kilnformed blocks, download "TipSheet 3: Working Deep" at www.bullseyeglass.com/connection/education.



### **METAL FOILS**

Add decorative elements to the surface or interior of your fused works.

Gold, 8 in x 8 in x .68 microns (203 x 203 mm)

**❖** 7218 \$52.00

Silver, 9 1/2 in x 9 1/2 in x 2.0 microns (241 x 241 mm)

7217 \$4.15

Copper, Boxed roll 1' x 64' x 25.4 microns (.3 x 19.5 m)

\$140.40

Copper, 1 to 10 ft x 25.4 microns

**7508** \$4.95/LINEAR FT

Copper, 11 to 44 ft x 25.4 microns

\$3.20/LINEAR FT



### DYKEM BRITE-MARK MARKERS

Draw and fire. Simple, direct. These are the pens we use to number hot glass at the factory. Choose a wide or a narrow line—white marks stay on even at full fusing temperatures.

Wide **\*** 7214 \$4.05 Narrow **❖** 7216 \$4.05



The well-stocked kiln-glass studio requires more than glass and a kiln. The right tools and supplies

are also essential.

### PAINTING WITH LIGHT TOOL KIT

Four stencils, three sifters, graining comb, GlasTacthe tools for designing your own art glass!

**3**8362 \$50.15



### **FIBER PAPER**

A kiln studio standard. As a shelf separator, it helps prevent bubbles between the shelf and the glass. As a perimeter dam, it insulates against thermal shock and improves annealing. Cut and construct with it for bas relief design. We use and handle only quality Lytherm paper because we like its tighter weave and durability.

1/16 in thick x 24 in wide

7037 \$3.75/LINEAR FT

1/8 in thick x 24 in wide

7036 \$6.15/LINEAR FT



### **POLARIZING FILM**

Test for compatibility or annealing stress using the methods described in Glass Fusing Book One.

8 1/4 x 11 3/4 in (210 x 298 mm)

**3270** \$15.45/SHEET

8 1/4 x 5 3/4 in (210 x 146 mm)

\$7.75/SHEET **3** 8271



The same ones we use in Painting With Light, Glass Sketch, and Frit Forms classes. An invaluable tool for working with frits and powders. Just the right mesh sizes for achieving an even dispersal in -0008 powders and in -0001 fine size frit.

For Powder **8237** \$3.90 \$3.90



# HAIK BRUSH

This soft, wide, 5 1/2" (140 mm) brush is one of the best tools for applying shelf primer quickly and easily to your mold or kiln shelf.

\$6.70

7014



## SUCTION LIFTERS

These durable rubber lifters ensure the exact placement of glass on your mold or shelf. Reduces the risk of finger marks or scratched primer as you try to slide a mispositioned glass piece. Virtually surgical.

Large, 3 1/4 in (83 mm) diameter

**7195** \$14.70

Small, 2 in (51 mm) diameter

7196 \$16.10



# **HEAVY DUTY SCRAPER**

4" (102 mm) blade is ideal for removing old shelf primer.

**7169** \$20.55

SPARE BLADES, 10 PACK

> 7507 \$10.75



### KILN POSTS

The less surface area of post in contact with your shelf, the more even the shelf temperature. That's why we like these triangular posts. Stable enough to stack.

1 in (25 mm)

8888 \$1.45

2 in (51 mm)

8889 \$1.85

We went all the way to Europe to find the absolutely flattest shelves for our GL24 kilns, and for you.

Fits GL24 kiln. This is our really flat kiln shelf of composite cordierite and mullite.

21 5/8 x 21 5/8 x 5/8 in (549 x 549 x 16 mm)

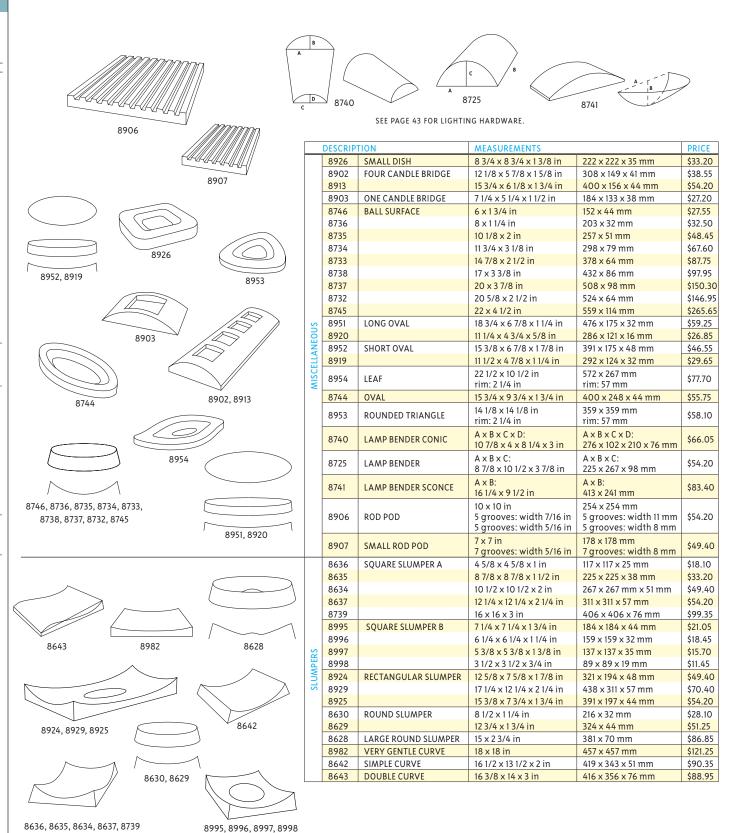
**3** 8819 \$82.70

Fits Caldera kiln. Cordierite, from Paragon Industries.  $7 \times 7 \times 5/8$  in (178 × 178 × 16 mm)

8826 \$14.50

OLL-FREE

Imported from Creative Ceramics in Europe, these are simply the finest slumping molds we have ever found on the commercial market. Slipcast from a specially formulated clay body, they have an exceptionally smooth surface, accept kilnwash uniformly, and do not crack under repeated usage if handled properly.



	DESCRIP	HON	MEASUREMENTS		PRICE		
	8957	SQUARE DROP OUT	10 1/8 x 10 1/8 in inside: 5 5/8 x 5 5/8 in	257 x 257 mm inside: 143 x 143 mm	\$66.35		
	8956	RECTANGULAR	12 1/4 x 10 1/8 in	311 x 257 mm	\$67.55		
	8923	DROP OUT	inside: 7 1/4 x 5 1/8 in 16 1/8 x 9 1/4 x 1 in	inside: 184 x 130 mm 410 x 235 x 25 mm	\$64.20	8956, 8923	8958
OUTS	8958	SQUARE CIRCLE	inside: 11 x 4 1/8 in 10 1/4 x 10 1/4 in	inside: 279 x 105 mm 260 x 260 mm	\$66.35		
100	0730	DROP OUT	inside: 5 5/8 in	inside: 143 mm	\$00.33		
DROP	8955	DROP OUT	18 1/8 x 11 1/8 in inside: 13 5/8 x 6 3/4 in	460 x 283 mm inside: 346 x 171 mm	\$80.25		9055
	8633	DROP OUT RING	diameter: 7 1/4 in inside: 3 1/8 in	diameter: 184 mm inside: 79 mm	\$19.15		8955
	8632		diameter: 9 1/8 in inside: 5 in	diameter: 232 mm inside: 127 mm	\$23.85		
	8631		diameter: 10 3/4 in inside: 6 3/4 in	diameter: 273 mm inside: 171 mm	\$28.40	8957	8633, 8632, 8631
	8928	ROUND PLATE	13 1/4 x 7/8 in	337 x 22 mm	\$57.10		
	8927	SQUARE PLATE	13 x 13 x 3/4 in	330 x 330 x 19 mm	\$54.60		
	8721	PLAIN PLATE	14 3/4 x 1 1/2 in	375 x 38 mm	\$76.50		
	8722		18 x 2 1/4 in	457 x 57 mm	\$125.15		8939, 8942
S	8899	SQUARE PLATE, SIMPLE CURVE	61/2 x 61/2 x 1 in	165 x 165 x 25 mm	\$18.45	8928	\ \ \ \ \
PLATES	8900	SIMILEE CORVE	5 1/2 sq in x 1 in	140 x 140 x 25 mm	\$15.70	6726	
٦	8901		3 3/8 x 3 3/8 x 5/8 in	86 x 86 x 16 mm	\$11.45		8899, 8900, 8901
	0701	SATURN DESSERT	11 1/2 x 3/4 in	292 x 19 mm	Ş11.4J		
	8939	PLATE	inside: 5 in	inside: 127 mm	\$53.45		
	8942	SATURN DINNER PLATE	13 x 3/4 in inside: 6 1/2 in	330 x 19 mm inside: 165 mm	\$56.45	8927	8721, 8722
	8959	SEDER PLATE	13 in indentations: 2 3/4 in	330 mm indentations: 70 mm	\$74.50		8959
	8638	SQUARE PLATTER	9 7/8 x 9 7/8 in inside: 5 1/8 sq in x 5/8 in	251 x 251 mm inside: 130 x 130 x 16 mm	\$42.80		
	8641		12 3/8 x 12 3/8 in inside: 6 1/4 x 6 1/4 x 5/8 in	314 x 314 mm inside: 159 x 159 x 16 mm	\$54.60		
	8646		15 x 15 in inside: 7 7/8 x 7 7/8 x 3/8 in	381 x 381 mm inside: 200 x 200 x 10 mm	\$73.80		
rers	8639	ROUND PLATTER	14 3/4 x 7/8 in inside: 5 1/2 in	375 x 22 mm inside: 140 mm	\$61.70	8639, 8640	
PLATTERS	8640		15 1/8 x 3/4 in inside: 7 1/2 in	384 x 19 mm inside: 191 mm	\$53.45		8638, 8641, 8646
	8985	SOFT-EDGED	9 1/2 x 9 1/2 in	241 mm	\$45.90		
		PLATTER	inside: 3 1/2 x 3 1/2 in	inside: 89 x 89 mm	,		
	8986		14 7/8 x 14 7/8 in inside: 7 1/2 x 7 1/2 in	378 x 378 mm inside: 191 x 191 mm	\$70.00	8988	2007 2007
	8988	ROUND-EDGED PLATTER	14 1/4 x 14 1/4 in inside: 5 1/4 x 5 1/4 in	362 x 362 mm inside: 133 x 133 mm	\$69.10		8985, 8986
	8665	SOUP BOWL	9 3/4 x 1 3/4 in	248 x 44 mm	\$46.60		
	8651	BOWL #1	16 x 2 1/2 in	406 x 64 mm	\$96.35		
	8652	BOWL #2	16 3/8 x 3 5/8 in	416 x 92 mm	\$122.05		
	8940	SATURN SALAD BOWL	10 x 1 1/8 in inside: 4 3/8 in	254 x 29 mm inside: 111 mm	\$53.55		
	8941	SATURN SOUP	10 x 1 5/8 in	254 x 41 mm	\$58.40	8665	07720
		BOWL DAGTA BOWL	inside: 4 1/2 in 11 5/8 x 1 7/8 in	inside: 114 mm 295 x 48 mm		8748, 8749	9, 8747, 8723, 8724
S	8909	PASTA BOWL  LARGE PASTA	rim: 2 in 13 1/2 x 2 in	rim: 51 mm 343 x 51 mm	\$60.50		
BOWLS	8910	BOWL	rim: 2 3/8 in	rim: 60 mm	\$75.10		
8	8748	CLASSIC	6 1/4 x 1 in	159 x 25 mm	\$17.75		
	8749		6 1/8 x 5/8 in	156 x 16 mm	\$17.75	8651	
	8747		8 3/4 x 7/8 in	222 x 22 mm	\$26.85		
	8723		12 1/2 x 3 in	318 x 76 mm	\$69.05		3940, 8941 8648
	8724		16 1/4 x 3 1/2 in	413 x 89 mm	\$108.70	/ }—/	
	8720	ANTIQUE	12 3/4 x 1 7/8 in	324 x 48 mm	\$60.50		
	8647	SQUARE BOWL, SIMPLE CURVE	12 3/8 × 12 3/8 × 2 5/8 in	314 x 314 x 67 mm	\$72.95		
	8648	SQUARE BOWL, DOUBLE CURVE	12 1/4 × 12 1/4 × 2 1/8 in	311 × 311 × 54 mm	\$65.45		
		DOUBLE CORVE				8647	8652
OTES						8	8909, 8910
/ I L J							

### MOLD NOTES

DESCRIPTION

MEASUREMENTS

Dimensions shown are the largest dimensions of the mold itself, in order to determine kiln shelf size required. Individual molds may vary slightly from dimensions shown. Whether pre-fusing or cutting unfired glass, create your blank to match your actual mold.

 $MOLD\ PREPARATION\ INSTRUCTION: See\ "Tips\ for\ Using\ Bullseye\ Slumping\ Molds"\ at\ www.bullseyeglass.com/connection/education.$ 

We feel the same way about kilns as we do about the other tools we handle: we look for the best, we expect a lot, and we only sell what we use.



#### **CALDERA KILN**

This small kiln has big versatility for jewelry making and test firing. Add the accessories below to customize your Caldera for annealing lampworked beads or creating Vitrigraph stringers.

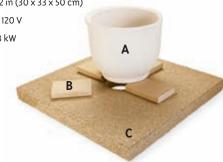
Interior:  $8 \times 8 \times 63/4$  in  $(20 \times 20 \times 17 \text{ cm})$ 

Exterior:  $113/4 \times 13 \times 191/2$  in  $(30 \times 33 \times 50$  cm)

Electrical Requirements: 120 V Power Consumption: 1.68 kW

Weight: 60 lb (27 kg)

8823 \$525.00



### VITRIGRAPH KILN

Add one pot, one vermiculite board with a center hole, plus four pot supports and you can turn your Caldera into a Vitrigraph! Developed in our research studio by Rudi Gritsch, it allows the glassworker to create bold, lively, calligraphic lines for use in kilnforming.

For details on using the Vitrigraph, go to our web page, www.bullseyeglass.com/connection/education.

See "TechNotes 2: The Vitrigraph Kiln" for instructions.

### (A) VITRIGRAPH POT

Made especially to fit the Caldera. 41/2" tall by 51/2" diameter ( $114 \times 140 \text{ mm}$ ).

**◆** 8828 \$8.95

### (B) POT SUPPORTS

This kiln furniture is cut to fit within the walls of the Caldera allowing air to circulate around the pot while leaving the hole free for the glass to flow.  $2^{\circ} \times 2^{\circ} / 8^{\circ} \times 1/2^{\circ}$  (51 × 73 × 12.7 mm) each. Set of four.

**8829** \$15.25

### (C) VITRIGRAPH BASE BOARD

Cut to fit in the Caldera with a central opening to allow glass to flow. Made of vermiculite board. 11 1/2" x 1" 1/2" x 1" 1/2" x 25 mm). Round hole diameter: 2 1/2" (64 mm).

**◆** 8827 \$7.90



#### PARAGON GL24ADTSD KILN

We've used the Paragon GL24 for years. It's versatile enough for a broad variety of projects: flat fusings, slumpings, small-to-midsize castings and pâte de verre work. It's got loads of power for quick heating. We have over twenty GL24s at Bullseye. In our testing area they fire twice a day, five days a week. In our teaching studio they've survived hundreds of classes and dozens of artist residencies. Our version of the GL24 comes with top, side and door elements and fully programmable controller. It includes a fiber roof and mercury relays for trouble-free firing.

Interior: 15 x 24 x 22 1/2 in (38 x 61 x 57 cm)

Exterior: 29 1/2 x 40 1/2 x 32 in (75 x 103 x 81 cm)

Electrical requirements: 240 V/1 $\varphi$ /45A

Power Consumption: 10.8 kW

Weight: 397 lb (180 kg)

**8813** \$2750.00





Wall-mounting suggestion for the Vitrigraph kiln, by Vitrum Studio in Beltsville, MD.

### CALDERA BEAD COLLAR

Add a bead collar from Paragon Kilns to your Caldera for annealing lampworked beads. With a hinged 7 1/2"  $\times$  2 1/4" (191  $\times$  57 mm) door, it adds 4 1/2" (114 mm) of height to the kiln. 13"  $\times$  13"  $\times$  4 1/2" (330  $\times$  330  $\times$  114 mm).

**\*** 8824 \$105.00





### LIGHTING HARDWARE

Fuse it, slump it, turn it on with sconce hardware to fit our lamp bender molds, page 40. Both styles are stainless steel with a brushed finish and UL-listed for wiring into the wall by an electrician. Hardware comes with a diagram that shows the size and shape to cut your glass.



Fits the #8725 Lamp Bender mold. Hardware measures 8 7/8" high x 6 1/4" wide (225 x 159 mm).

**7525** 

Bullseye Glass has found these products to be suitable for hanging glass artwork. Proper installation is

the responsibility of the purchaser

regarding use of these products.

and/or user and Bullseye Glass makes

no warranties and assumes no liability

**DISPLAY NOTES** 

\$104.00



Fits the #8740 Lamp Bender Conic mold. Hardware measures 11 3/4" high x 7 1/2" wide (298 x 191 mm).

**◆** 7540

\$116.00



# **MUSEUM GEL**

Security for your art. Place little balls of Museum Gel under your glass art and a secure, invisible bond protects from breakage and theft. Nontoxic, safe for all glass, removable and reusable. Instructions included. 4 fl oz (.12 L).

**3**8040 \$10.65

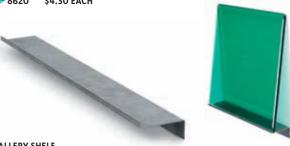
# To be enjoyed in the best light, works of art in glass benefit from display hardware that is simple and understated, yet secure.



### L-HOOKS

Stainless steel L-hooks with special features especially for glass. These L-hooks have vinyl-covered tips and vinyl grommets that can be used to hold the glass firmly parallel to the wall, allowing light to move freely behind the piece. Use four hooks (two on top, two on bottom) for panels up to 6 mm thick and up to 10 lbs (4.5 kg). Or use one or two L-hooks to secure a shelf-supported panel at the top. We recommend screwing into studs or a wood board for strength.

**\*** 8620 \$4.30 EACH



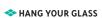
Used at the Bullseye Gallery. Made of natural, unfinished steel, these can be screwed into wall study or wood board (hardware not included). Glass panels up to 6 mm thick lean against the wall and are held in place by the small lip at the front of the shelf. The 10" wide by 2" deep (254 x 51 mm) shelf supports work up to 12" high (305 mm) and 7 lb (3 kg). The 18" wide by 2 1/2" deep (457 x 635 mm) shelf displays glass pieces up to 18" (457 mm) tall and 10 lb (4.5 kg).

10" (254 mm)

**3610** \$20.00

18" (457 mm)

\$24.00



This system of frameless hardware and permanent adhesive is a neat way to use and display kilnworked glass. Standoffs of various sizes are attached with permanent adhesive and hung with brackets on the wall. Hang Your Glass also offers drawer pulls for decorative glass handles and knobs.



DESCRIPTION			CODE	PRICE
		Mini Starter Kit	7299	\$49.00
KITC		Deluxe Starter Kit	7300	\$85.00
KITS		Double Curve Kit	7301	\$26.00
		Adhesive Kit	7310	\$23.75
NON-LOCKING		Original Standoff: 1/2 in (13 mm)	7303	\$4.75
STAND-OFFS	20.	Original Standoff: 5/8 in (16 mm)	7304	\$4.75
138		Medium Standoff: 5/8 in (16 mm)	7313	\$5.75
20	-	Long Standoff: 5/8 in (16 mm)	7314	\$6.25
LOCKING		Locking Small Standoff: 5/8 in (16 mm)	7333	\$5.75
STANDOFFS		Locking Original Standoff: 5/8 in (16 mm)	7306	\$5.25
-	à	Locking Medium Standoff: 5/8 in (16 mm)	7334	\$6.25
	7	Locking Long Standoff: 5/8 in (16 mm)	7335	\$6.75
		Double Curve Standoff	7319	\$12.25
BDACKETC	No.	Bracket	7307	\$5.60
BRACKETS	7	Heavy-duty Bracket	7308	\$9.60
-		1/2 in (13 mm) Diameter	7315	\$1.60
TEMPLATES		5/8 in (16 mm) Diameter	7316	\$2.10
-		Template Feet	7320	\$0.80



DESCRIPT	ION		CODE	PRICE
DRAWER	-	Aluminum	7321	\$5.60
KNOB	. 400	Black	7322	\$5.60
DRAWER	1	Aluminum	7331	\$4.30
POST	9	Black	7332	\$4.30
lpiir*		Aluminum 3 in (76 mm)	7325	\$6.80
	-	Black 3 in (76 mm)	7326	\$6.80
DRAWER PULL	20	Aluminum 3 3/4 in (96 mm)	7329	\$7.20
PULL		Black 3 3/4 in (96 mm)	7330	\$7.20

Forming Bullseye glass in the flame takes you quickly into the rewards of beads and sculptural forms. But why stop there? Combine your flameworked elements with Bullseye sheet glass in the kiln. The tools we offer will get you started. Your unique results will keep you going.



### SHURLITE THREE FLINT STRIKER

Safe, quick, and simple: the flint makes a spark, the spark ignites the torch. Rotate head for new flint.

\$3.75 **>** 7227



### TWEEZERS, SERRATED TIP

Indispensable tool for flameworkers. Serrated tip ensures good grip. 8" (203 mm).



### TWEEZERS, POINTED

Manipulate glass on a small scale. Good for delicate work with subtle tool marks. 7" (178 mm).

\$4.30



# TWEEZER MASHERS

3/4" (19 mm) square mashing surfaces are great to flatten and shape small beads.

**7205** \$12.85



# PARALLEL FLATTENERS WITH SPACER

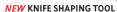
For making beads with flattened surfaces. 1 1/2" (38 mm) square mashing plates. 12" (305 mm) long. Set thickness with adjustable screw.

**7093** \$42.80

### **SLUDGE PLUS**

Our favorite bead release. Good holding power in the flame but releases easily once cooled.

**3**7087 \$7.50



Shape hot glass with this versatile pointed tool with straight and curved edges.

**7190** \$5.00

### **GRAPHITE PADDLE**

Smooth, high quality, with a high temperature rubber-coated handle. A basic shaping tool for flameworking. 2" x 3" (51 x 76 mm).

**>** 7076 \$16.05



Several angles to marver with, a great tool for sculptural or murrine work. (Designed for Loren Stump.) 2" x 2 3/8" (51 x 60 mm).

**7206** \$32.10



### MARBLE MOLD

This six-in-one marble mold is a graphite paddle with six half-spheres machined into it: three on one side, three on the other for 3/8", 1/2", 5/8", 3/4", 7/8", and 1" (10, 13, 16, 19, 22, and 25 mm) diameters.

**7213** \$32.00



### **GROOVY ALUMINUM MARVER**

Roll a warm bead across the ridges diagonally to create spiral grooves or straight across for straight ones. Surface area: 2" x 4" (51 x 102 mm).

7202 \$5.90



### **GRAPHITE PAD**

An excellent pickup surface for frit or foils. Use it as another marvering surface. Surface area: 6" x 6" (152 x 152 mm).

**❖** 7201 \$17.15





> 7035 \$187.25



### TOP MOUNT GRAPHITE MARVER

For hands-free shaping. Surface mounted to the top of the minor burner. Comes with all mounting hardware.

**7200** \$27.85



### **DIAMOND BEAD REAMER SET**

Great for cleaning bead release and dressing bead holes. Comes with four diamond-coated bits.

**7133** \$15.00



### **TUNGSTEN PROBES**

Pointed rods with approximately 5 1/2" (140 mm) wood handle. Good for raking and induced bubble techniques. Tungsten won't stick to glass unless both are hot.

Small, 1/16" (1.6 mm) **7197** \$9.00 Medium, 3/32" (2.4 mm) \$10.00 Large, 1/8" (3.2 mm) **7199** \$12.00



### MOTORIZED BEAD HOLE CLEANER

Make short work of cleaning beads. Comes with the same bits as the diamond bead reamer set. Saves on fine motor wrist movement. Who needs carpal tunnel syndrome?

**7215** \$42.80

### STAINLESS STEEL MANDRELS

Mandrel diameter determines the size of the bead hole. The basis of flameworked bead making. 12" (305 mm) long.

1/16" (1.6 mm) diam. 10-pack 3/32 (2.4 mm) diam. 10-pack 1/8" (3.2 mm) diam. 10-pack

**◆** 7187 \$4.85

**7188** 

**7189** \$8.05

\$5.90



### **AUR 92 SAFETY GLASSES**

Protect your eyes at the torch. AUR 92 lenses filter the damaging sodium flare associated with flameworking soda-lime glass.

**◆** 7074 \$61.70



### **AUR 92 OVERSIZE SAFETY GLASSES**

Wear these over your prescription glasses when torchworking.

**❖** 7075 \$74.20

**ZETEX COVER MITTS** 

9" (229 mm) closed top

cover to protect 23" (584

mm) long gloves. Saves

Zetex gloves.

◆ 8266

wear and more economical

to replace. Fits both sizes of



### UVEX SAFETY GLASSES

Essential for cutting, grinding, and sifting in the glass studio. Nerd-guard wraparound frames for added protection from flying bits.

8864 \$8.00



### FEIN TURBO II DUST-FREE VACUUM

Safety first—the glass studio is a haven of creativity and exploration. It can also be hazardous if treated without caution. Here are a few of the simple tools

for safety that we use regularly in our studios.

Free your studio of dust with this quiet, portable vacuum. The HEPA filter (0.3 micron) is 99.9% dust-free and should last 10-12 months. Model #9-55-13. Nominal voltage is 115 V. 16"  $\times$  17"  $\times$  25" (406  $\times$  432  $\times$  635 mm) with 16' (4.9 m) hose. Comes with one HEPA filter and one dust bag.

**❖** 7250 \$455.00

# HEPA REPLACEMENT FILTER

**❖** 7251 \$94.00

DUST BAGS (3-PACK)

**❖** 7252 \$16.50



HEAT PROTECTIVE ZETEX GLOVES

35 oz (992 g) Zetex Plus<sup>TM</sup> treated fiberglass.

23" (584 mm) long. We use these with or without the cover mitts while working

Vitrigraph stringers or reaching into kilns during hot manipulations. Use for short duration up to 2000°F (1093°C).

Regular Zetex Gloves

**8265** \$76.00

Small Zetex Gloves. Sized slightly smaller than the regular glove. Fits most women.

**3**8264 \$76.00



# DISPOSABLE PARTICULATE RESPIRATOR (N95)

Provides at least 95% filter efficiency. Recommended for routine dusty studio operations such as mixing shelf primer, cleaning shelves, applying powders and frits. NIOSH-approved.

3-pack **3.90** 



### DISPOSABLE PARTICULATE RESPIRATOR (N100)

99.7% filter efficiency. Cool Flow™ valve for cool, dry comfort, easy exhalation. Ideal for working with lead and arsenic or cadmiumbearing materials. NIOSH approved.

◆ 8261 \$11.25 EA



\$53.50

**3**8267



### **DUSTER BRUSH**

Safety begins with a clean worktable. Save your hands and elbows from pesky, bloodletting bits of glass. Soft bristles decrease the spray of glass particles.

7168 \$12.80

Bullseye Resource Center specializes in books that help you use our glass. We also have general reference manuals, historical surveys and inspirational monographs on artists relevant to our glass and kilnworking methods.



### **BULLSEYE TECHBOOK**

A collection of technical and inspirational information for the practitioner of kilnformed glass. As the world's first manufacturer of glass especially formulated for kilnworking processes, Bullseye is also an educator, developing technical materials to support success with glassworking. Instead of publishing a textbook, we have created this living book in which our evolving body of knowledge about glass kilnforming can be collected and used, starting right now. This handy tool can be easily updated as new materials are published and also allows you to add supplementary information. Three-ring binder with inserts and periodic updates, approx. 70 pgs, b&w illustrations.

NOTE: For those who already have the *Bullseye TechBook*, the latest articles can be ordered for \$1.00 each or downloaded at no charge at www.bullseyeglass.com/connection/education.

8030 \$15.00



### **NEW** E-MERGE 2006:

# A SHOWCASE OF RISING TALENTS IN KILN-GLASS

This biennial juried exhibition continues to document the rapid rise of creativity and technical achievement in the field. Featuring forty finalists, the winning pieces, artist statements and biographies, jurors' statements and introduction by Lani McGregor. 2006, soft cover, 48 pages, color.

8280 \$25.00







### **NEW** HEAT WORK AND COLOR OF BULLSEYE GLASS

Full-color instructional chart showing how glass color, surface and shape can change as a result of heat work in the kiln at various temperatures. Essential teaching tool for kiln-glass instructors with examples of striking opalescent and transparent colors, notes on firing processes and examples of cycles for low-temperature and standard slumping, tack and full fusing. 36" x 24" (914 x 610 mm).

### CONNECTIONS

Nine internationally known artists work glass in the glory hole, torch, kiln, and cold shop. Narcissus Quagliata, Klaus Moje, Dante Marioni, Dale Chihuly, Linda Ethier, Kéké Cribbs, Lino Tagliapietra, Rudi Gritsch, and Brian Kerkvliet in brief interviews and working sessions. An award-winning overview of contemporary studio glass as it happens in residence at Bullseye. Includes a mini-catalog of the related exhibition. 1994. DVD, 30 min.

8288 \$40.00

# E-MERGE 2004:

## SHOWCASE OF RISING TALENTS IN KILN-GLASS

Documenting a juried international kiln-glass exhibition, this catalog features the winning pieces of 35 up-and-coming artists, their artist statements and biographies. Includes statements from jurors and introduction by Lani McGregor. 2004, soft cover, 48 pages, color.

8281 \$25.00



### GILES BETTISON: PROXIMITY

Innovative use of fused strips of sheet glass cut into pattern tiles and incorporated into blown-glass vessels and slumped bowls. Essays by Ian Were of the Queensland Art Gallery in Brisbane; Lani McGregor, Bullseye Gallery; and the artist. 2003, soft cover, 32 pages, color.

8218 \$30.00



# LINO TAGLIAPIETRA AT BULLSEYE GLASS: MASTERWORKS FROM FURNACE AND KILN

A visual record of La Carta dei Sogni (dream sketchbook), created in Bullseye's studios with hand-pulled filigrana and zanfirico canes and a team of glassworkers. Essay by glass author and journalist Silvano Tagliapietra; interview with Tina Oldknow of the Corning Museum of Glass. 1999, soft cover, 64 pages, color.

8209 \$40.00



### MAURIZIO DONZELLI: ON THE VERGE OF BECOMING

Italian artist Donzelli started his Bullseye residency by beguiling spectators with performances as the Macchina dei Disegni (Drawing Machine), creating spontaneous watercolor paintings later transformed into monumental glass panels. Essay by curator Annette Dixon, Portland Art Museum. 2005, soft cover, 16 pages, color.

8286 \$15.00



### BERTIL VALLIEN AT BULLSEYE GLASS

A documentation of the Swedish glass master's hot cast process, elemental imagery, and twenty-five finished works created while in residency at Bullseye Glass Co. Essay by Suzanne Greening, former director and CEO of the International Glass Museum. 1997, hard cover, spiral bound, 44 pages, color.

8205 \$25.00



### FLUX: EDOLS & ELLIOTT

Bullseye factory residency and superb finished works of Australian artists Ben Edols and Kathy Elliott. Essay by Grace Cochrane, Curator of Decorative Arts and Design, Powerhouse Museum, Sydney, Australia. 2000, soft cover, spiral bound, 40 pages, color.

8212 \$25.00



### MARK ZIRPEL: CELESTIAL/TERRESTRIAL

Works and ideas for Zirpel's exhibition at the Bullseye Gallery were developed during his residency at North Lands in the Scottish Highlands. Zirpel explores his response to time, nature and landscape in kilnformed and blown glass and photography. 2005, soft cover, 16 pages, color.

8285 \$15.00



### SILVIA LEVENSON 2005: I SEE YOU'RE A BIT NERVOUS

Argentina-born Levenson uses cast glass and mixed media to create a domestic setting with explosive undercurrents. This "recipe book" catalog includes essays by Tina Oldknow, Curator of Modern Glass, Corning Museum of Glass, and Lani McGregor, Executive Director, Bullseye Gallery. 2005, soft cover, spiral bound, 20 pages, color.

8206 \$20.00



# FOUND IN TRANSLATION: NORTHWEST PAINTERS AND PRINTMAKERS TRANSITION TO KILN-GLASS

Selected pieces from the exhibition by painters and printmakers Judy Cooke, Martha Pfanschmidt, Eric Stotik, and Mark Zirpel, created during a residency at Bullseye. Introduction by project technical director Ted Sawyer. 2004, soft cover, 12 pages, color.

8284 \$10.00



### JESSICA LOUGHLIN: SHIFTING VIEWS

In these abstract kilnformed, wheel-cut, and coldworked pieces, Loughlin "wrestles with expressing the sense of limitlessness in the immensity of nature." Essay by Portland Art Museum curator Bruce Guenther. 2005, soft cover, 24 pages, color.

8287 \$15.00



# CURRENCY: CONTEMPORARY STUDIO GLASS JEWELRY AND BEADS

Selected works from an invitational exhibition at Bullseye Gallery in 2004 features cutting-edge work by 28 artists from ten countries. Essay by Lani McGregor, Executive Director, Bullseye Gallery. 2004, soft cover, 32 pages, color.

8219 \$25.00



# JESSICA LOUGHLIN AT BULLSEYE GLASS, LANDSCAPE: MINDSPACE

Elegant and minimalist shallow vessels and wall panels from her Bullseye residency. Essays by Dr. Grace Cochrane of the Powerhouse Museum and Susanne K. Frantz, former curator at the Corning Museum. 2002, soft cover, 48 pages, color.

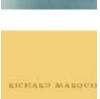
8216 \$25.00



# TEN CIRCLES: DANTE MARIONI, SAM ANDREAKOS,

Commemorates ten years of Dante and friends Janusz Pozniak and Paul Cunningham coming to Bullseye to blow "cups" for an awestruck audience, using a different, specially formulated glass by glass technologist Sam Andreakos every year. 2004, soft cover, 34 pages, color.

8282 \$20.00



# RICHARD MARQUIS

Documents works from the artist's exhibition at the Bullseye Connection Gallery, including such techniques as hot slab construction, kilnforming, blowing, coldworking, and mixed media. Essay by Tina Oldknow, Curator of Modern Glass, Corning Museum of Glass. 2004, soft cover, 32 pages, color.

8283 \$25.00



# BETWEENNESS: A COLLABORATION BETWEEN DESIGN AND INDUSTRY

Bullseye Glass Co. and Columbia Wire and Iron Works collaborated with a group of architects, designers, and fabricators to create sculptural room dividers. Essay by architecture writer and project curator Randy Gragg. 2003, soft cover, 48 pages, color.

8217 \$40.00



# ANNA SKIBSKA AT BULLSEYE GLASS

Exhibition of large, ethereal, torchworked forms at the Bullseye Connection Gallery. Essay by Lloyd Herman, founding director of the Renwick Gallery, Washington DC. 1999, soft cover, 28 pages, color.

8208 \$25.00

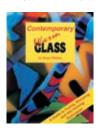


# MULTIPLIED LIGHT: THE BULLSEYE CHANDELIER PROJECT

Architects and Bullseye's research and education team created innovative kiln-glass chandeliers. Essay by Randy Gragg, architecture writer for the *Oregonian*. 2002, hard cover, spiral bound, 30 pages, 15 in color.

8213 \$30.00

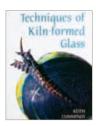
### **TECHNICAL: KILNFORMING**



### CONTEMPORARY WARM GLASS

Brad Walker. A thorough introduction to fusing, slumping, and kilnforming techniques and including glass types and forms, supplies and equipment, firing logs, glass painting, health and safety and more. Numerous photos of contemporary work. 2004, soft cover, 154 pgs, color illustrations of techniques, tools, and completed work.

**8214** \$47.95



### **TECHNIQUES OF KILN-FORMED GLASS**

Keith Cummings. Good overview of historic to contemporary work in kiln glass. Technical information varies, but overall an essential text for kilnformers. Revised reprint 2001, hard cover, 176 pgs, many color and b&w photos of finished work and process.

\$49.95 **>** 7720



### PÂTE DE VERRE AND KILN CASTING OF GLASS

James Kervin, Daniel Fenton. A how-to guide to sculpture, vessels, modeling, mold construction, kiln procedures, great glass casting content including charts, formulas, and figures. 2000, soft cover, 192 pgs, b&w photo illustrations and 16 pgs of color photos of finished work.

**>** 7729 \$40.00



# KILN FIRING GLASS:

### **GLASS FUSING BOOK ONE**

Boyce Lundstrom. This classic reference, originally cowritten with Daniel Schwoerer at Bullseve in 1983, set the standards. Explanations of compatibility, firing, equipment and method are still unchallenged as the foundations of kilnwork. 1994 Phoenix ed, soft cover, 143 pgs, color and b&w illustrations.

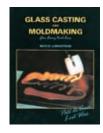
8201 \$38.50



### ADVANCED FUSING TECHNIQUES: **GLASS FUSING BOOK TWO**

Boyce Lundstrom. Techniques for bas relief, working glass in a glory hole, design technique including adding enamels and luster, slumping and sagging. 1989, soft cover, 143 pgs, b&w photos and illustrations, color photos of completed works.

8202 \$38.50



### GLASS CASTING AND MOLDMAKING: **GLASS FUSING BOOK THREE**

Boyce Lundstrom. Tested techniques for pâte de verre, lost wax and crucible casting. Chapters on castable mold materials, mold formulas, metal, clay, sand and fiber molds. 1989, soft cover, 143 pgs, b&w photos and illustrations, color photos of completed works.

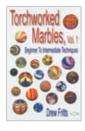
### TECHNICAL: TORCHWORK \_



### CONTEMPORARY LAMPWORKING: A PRACTICAL **GUIDE TO SHAPING GLASS IN THE FLAME**

Bandhu Dunham. Encyclopedic in scope, comprehensive explanations include photo illustrations of processes. Informally rated by lampworkers as "best reference." Hard cover, 2002, 3rd ed, 2 vol (256 pgs, 512 pgs) including an inspirational 16-pg color photo survey in each volume.

> 7773 \$59.95 (2-VOL SET)



### TORCHWORKED MARBLES, VOL. 1: BEGINNER TO INTERMEDIATE TECHNIQUES.

Drew Fritts. This well-organized book is full of useful information for making marbles: equipment, safety, setting up a work space, record-keeping, preparation, working techniques, weights and measures, making molds, marketing, and more. Soft cover, 456 pgs, 2004, b&w illustrations.

**❖** 7822 \$29.95



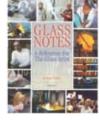
### MORE THAN YOU EVER WANTED TO KNOW ABOUT GLASS BEADMAKING

James Kervin. An excellent comprehensive guide for the intermediate to advanced beadmaker including suggestions for further reading. Completely revised 5th ed, soft cover, 314 pgs, including 36 pgs of color and many b&w illustrations, photos, and tables.

**◆** 7730 \$45.00



### **TECHNICAL: GENERAL**



### **NEW EDITION GLASS NOTES:**

### A REFERENCE FOR THE GLASS ARTIST

Henry Halem. Building your dream hot glass studio just got easier: information on code requirements, efficient furnaces, safe annealers, and, in this new edition, extensive additions from experts in the field. Excellent reference manual for set-up and maintenance of a studio; primarily for hot glass but also useful for kilnformers. 2006, 4th ed, soft cover, 352 pgs, many illustrations, b&w photos.

**8001** \$40.00



### **GLASS TECHNOLOGY FOR THE STUDIO**

Frank Woolley. Intermediate to advanced technical information for glass studio artists collected from lecture notes presented at The Studio at the Corning Museum of Glass: glass compositions and properties, breakage, annealing, compatibility, defects, safety, filling and melting. 1999, soft cover, spiral bound, 90 pgs, b&w illustrations, tables and figures.

**\*** 7811 \$12.00



### ARTIST'S COMPLETE HEALTH AND SAFETY GUIDE

Monona Rossol. Designed for artists, art teachers, students, and general readers. Information about regulations governing hazardous materials, use of protective gear, precautions for individual media (ceramics, glass, stained glass, enameling, and more). Rossol has years of experience in visual arts safety and spoke at BECon 2003 on this important topic. 2001, soft cover, 405 pgs.

**◆** 7832 \$24.95



### MAKING & MARKETING BETTER ARTWORK

Milon Townsend. This slender gem has information you may not have learned in art school. Checklists supplement the text and range from details to bigpicture considerations, helping artists think through and plan a professional life: marketing, writing artist statements, CV's, and bios, teaching, marketing, managing a studio, working with galleries, packing artwork and much more. 2001, soft cover, 150 pgs.

### ARTISTS, EXHIBITION CATALOGS AND SURVEYS



#### **NEW KLAUS MOIE: GLASS**

Megan Bottari. This comprehensive account of Moje's work and career, with generous illustrations, was written by Megan Bottari, Canberra-based glass artist, writer and curator. Published by Object and Craftsman House, the second monograph in the series Living Treasures: Masters of Australian Craft. 2006, soft cover, 144 pgs, full color.

7113 \$40.00



# **NEW** SCULPTURE, GLASS, AND AMERICAN

Martha Drexler Lynn. Over 100 glass artists and 26 American museums are featured in this visual tour of glass sculpture held in museum collections, with lavish illustrations and a selected reading list in back. An excellent reference and coffee table addition. 2005, hard cover, 223 pgs, color.

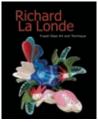
**7789** \$49.95



### **NEW** 25 YEARS OF NEW GLASS REVIEW

Richard W. Price, ed. This wondrous inventory of more than 200 artists representing 29 countries is ordered in five categories: vessels, sculpture, flat/painted glass, installations/architectural glass, and design. Includes an overview and chapter introductions by Tina Oldknow. 2005, hard cover, 247 pgs, richly illustrated.

**7788** \$29.95



## **NEW** RICHARD LA LONDE: FUSED GLASS ART AND TECHNIQUE

Richard La Londe. Includes hundreds of photos in color, some historic b&w photos. History; autobiography; fusing concept, technique, methods; equipment; appendix. A one-person guide to the world of fused glass art. 2006, hard cover, 224 pgs, color.

**>** 7110 \$54.95



### **AUSTRALIAN GLASS TODAY**

Margot Osborne. A big beautiful book featuring 45 outstanding contemporary artists of Australia. Highquality images of works in both blown and kilnformed glass make it an excellent gift. Essays by Grace Cochrane, Geoffrey Edwards, Susanne K. Frantz and Richard Whiteley. 2005, hard cover, 154 pgs, color.

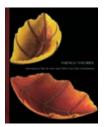
**7114** \$60.00



### NARCISSUS QUAGLIATA: LIGHT FUSIONS

Traces the conception and production of the masterwork in kilnformed glass Gateway into Night and takes the reader through the basic concepts of the process of painting with light. Text by Eliseo de Pablos y Viejo, Roberto Vallarino, Lani McGregor, Narcissus Quagliata. 1997 exhibition catalog in Spanish and English, soft cover, 51 pgs, color photos.

**8049** \$15.00



### PARTICLE THEORIES: INTERNATIONAL PÂTE DE VERRE AND OTHER CAST GLASS GRANULATIONS

Catalog of the 2005 exhibition at the Museum of American Glass at Wheaton Village. A breathtaking range of contemporary pâte de verre in full-page photos illustrating the range of this technique. Essays by Jean-Luc Olivié and Susanne Frantz. 2005, soft cover, 96 pgs, color.

**7151** \$35.00



### NARCISSUS QUAGLIATA: PAINTING WITH LIGHT

Color photos illustrate the artist's career and works from his early introspections in leaded glass to his glass portraiture of the 1980s and '90s to his innovations in "light painting." Exhibition catalog in English, Italian and Spanish, soft cover, 117 pgs, foreword and introduction by Hector Rivero Borrell.

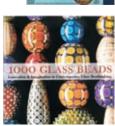
**8050** \$60.00



### FORMED OF FIRE: SELECTIONS IN CONTEMPORARY LAMPWORKED GLASS

Bandhu S. Dunham. Historical introduction, nearly one hundred inspiring examples drawn from the works of contemporary lampwork artists including photos and artist statements, and glossary of lampwork terminology make this an indispensable survey of lampworked glass. 2002, hard cover, 126 pgs, full color photos throughout.

**◆** 7820 \$29.95



### 1000 GLASS BEADS: INNOVATION & IMAGINATION IN CONTEMPORARY GLASS BEADMAKING

Valerie Van Arsdale Shrader. ed. This visually inspiring book presents large color photos of these "tiny masterpieces literally glowing with creativity," reflecting the diversity and innovation of glass beadmaking around the world. 2005, soft cover, 408 pgs.

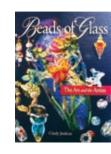
**\*** 7837 \$24 95



### CONTEMPORARY GLASS BEADS BY 30 JAPANESE ARTISTS

A picture is worth a thousand words in this beautiful book designed to inspire beadmakers everywhere. Color photos on every page of amazing beads made by torchworkers in Japan. Introduction in English, photos of glass beads by 30 artists, detailed photos of processes and examples of beads through the ages. 2004, hard cover, 145 pgs, text primarily in Japanese.

**❖** 7836 \$45.00



### BEADS OF GLASS: THE ART AND THE ARTISTS

Cindy Jenkins. A vibrant survey of contemporary glass beads, gallery of bead artists and their work, technique section with step-by-step photos showing sixty processes, safety notes and glossary. 2003, hard cover, 152 pgs, color photos throughout.

**\*** 7833 \$29.95



### **DVDS**



### KILN FORMED GLASS-RUDI GRITSCH

Follow kilnforming expert Rudi Gritsch as he takes several of his works from design phase through set-up, firings, and finishing processes, sharing his thoughts and feelings as he works. DVD includes a historical kilnworking tour of The Corning Museum of Glass. 2003, DVD, 30 minutes.

**❖** 7762 \$34.95



### PÂTE DE VERRE WITH SHIN-ICHI AND KIMIAKE HIGUCHI

The pieces created by this wife-and-husband team are considered to be some of the finest examples of pâte de verre ever made. This DVD captures each demonstrating a process at the Studio at the Corning Museum of Glass. Running time 30 minutes. 2001, DVD, 30 minutes.

**>** 7752 \$34.95

# In the studio, we recommend keeping comfortable, staying hydrated and looking good.

### **BULLSEYE GLASS LOGO T-SHIRT**

Available in both men's and women's shortsleeve styles. Men's shirts are classic style; women's shirts have a shorter waist and sleeves, both in 100% cotton. Specify S (women only), M, L, XL, XXL.

Men's Black 8855 \$18.00 Women's Black \$18.00 8856



**BASEBALL CAP** Glass is a team sport; be on the winning side with this adjustable black or red cotton twill visor cap with Bullseye Glass Co. logo.

Black 8862 \$15.00 Red 8863 \$15.00

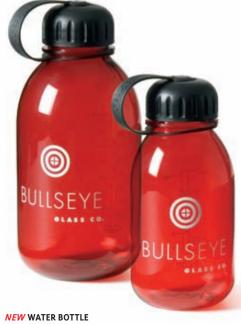


# **TOTE BAG**

14 oz black canvas carry-all with sturdy double bottom, outside pocket and Bullseye Glass Co. logo. 5 1/2" wide x 12 1/2" long x 14" high (14 x 32 x 36 cm).

BULLSEYE

8860 \$17.00



This sturdy container in deep red with white Bullseye logo provides stylish and portable hydration. Extra features include permanent cap tab, handy volume guide in milliliters and ounces, and a choice of two sizes.

16 oz (.47 L) bottle 8804 \$5.00 32 oz (.95 L) bottle 8805 \$7.00



High quality two-pocket apron in black twill with adjustable neck strap so that one size fits all.

\$20.00



# **FACTORY CATS T-SHIRTS**

While the boss is away, the cats will...rock. Original Kéké Cribbs Catspaw design on long-sleeved T with white image. 100% preshrunk heavyweight cotton. Specify M, L, XL, XXL.

Black 8861



# **BULLSEYE COMPATIBLE T-SHIRT**

Tell the world you're compatible. This shortsleeve 100% preshrunk heavyweight cotton item features pigment-dyed colors, a generous cut, and the Bullseye Compatible logo. Specify M, L, XL, XXL.

Khaki Green	8831	\$15.00
Yam	8832	\$15.00
Washed Plum	8833	\$15.00





Catalog prices are retail at the Bullseye Resource Center.

Sheet glass is sold by the piece. Listed sheet glass sizes are approximate.

# **FACTORY PRICING:**

At the factory, Bullseye sheet glass is sold by the pound. One square foot of 3 mm glass weighs approximately 1.6 pounds. One square foot of thin glass (-0050) weighs approximately 1 pound. The factory sells full sheets, thin half sheets, and other half sheets as available. No individual 10 x 10s are sold through the factory.

# **VOLUME AND WHOLESALE PRICING:**

Available on inquiry at the Bullseye Resource Center, through the Bullseye factory, or through national and international distributors.

One hundred pounds of ladle and forty pounds of glass; a sheet of Tekta being borne. Photo: Jerome Hart.



OLL-FREE

**SHEET GLASS** FRIT TRINGER ROD BASE SOLID COLOR PRICI CODE STYLE NUMBER **STANDARD BULLSEYE COMPATIBLE OPALESCENT** 10 X 10 17X20 35 X 2 O 17X20 35 X 20 TUBE PER LE 14.45 81.35 16.15 46.65 90.75 000013 -0030 Opaque White, Dbl-rol D 41.85 31.80 Opaque White, Thin D 16.50 48.55 -0050 000024 - 0030 Tomato Red. Dbl-rol С 12.55 36.30 70.65 14.25 41.15 80.00 63.65 82.95 17.00 20.85 25.40 Tomato Red, Thin С 14.40 -0050 42.50 000025 -0030 Tangerine Orange, Dbl-rol С 12.55 36.30 70.65 14.25 41.15 80.00 63.65 82.95 17.00 20.85 -0050 Tangerine Orange, Thin С 14.40 42.50 Light Peach Cream, Sgl-rol 000034-0000 С 12.55 70.65 80.00 82.95 17.00 20.85 24.15 36.30 14.25 41.15 63.65 Light Peach Cream, Dbl-rol С 70.65 14.25 41.15 80.00 -0030 12.55 36.30 -0050 Light Peach Cream, Thin C 14.40 42.50 000100 -0000 Black, Sgl-rol С 12.55 36.30 70.65 14.25 41.15 80.00 63.65 82.95 17.00 20.85 22.75 25.40 Black, Soft Ripple С 14.25 80.00 15.90 45.95 89.35 -0021 41.15 С -0022 Black, Herringbone Ripple 16.90 48.85 95.05 18.55 53.65 104.40 Black, Herringbone Ripple, Irid, Rbow С 20.25 58.60 113.95 21.90 63.40 123.30 -0025 -0030 Black, Dbl-rol C 12.55 36.30 70.65 14.25 41.15 80.00 Black, Dbl-rol, Irid, Rbow -0031 С 15.90 46.05 89.55 17.60 50.85 98.95 20.95 -0032 Black, Dbl-rol, Irid, Patterned C 19.30 55.80 108.50 60.60 117.85 -0037 Black, Dbl-rol, Irid, Silver C 15.90 46.05 89.55 17.60 50.85 98.95 -0038 Black, Dbl-rol, Irid, Gold C 15.90 46.05 89.55 17.60 50.85 98.95 -0043 Black, Reed С 12.55 36.30 70.65 14.25 41.15 80.00 Black, Reed, Irid, Rbow С 98.95 15.90 46.05 89.55 50.85 -0044 17.60 С 12.55 14.25 41.15 80.00 -0045 Black, Accordion 36.30 70.65 С 89.55 -0046 Black, Accordion, Irid, Rbow 15.90 46.05 17.60 50.85 98.95 -0047 Black, Prismatic С 14.25 41.15 80.00 15.90 45.95 89.35 Black, Prismatic, Irid, Rbow С 98.95 55.70 -0048 17.60 50.85 19.25 108.30 -0050 Black, Thin С 14.40 42.50 -0051 Black, Thin, Irid, Rbow С 16.25 47.85 -0053 Black, Thin, Reed C 14.40 42.50 -0054 Black, Thin, Reed, Irid, Rbow С 16.25 47.85 14.40 С 42.50 -0055 Black, Thin, Accordion -0056 Black, Thin, Accordion, Irid, Rbow С 16.25 47.85 Black, Thin, Irid, Silver С -0057 16.25 47.85 Black, Thin, Irid, Gold С -0058 16.25 47.85 С -0060 Black, Sgl-rol, 6 mm 25.10 141.25 82.25 160.00 72.60 28.45 000101 -0030 Stiff Black, Dbl-rol С 82.95 17.00 20.85 25.40 12.55 36.30 70.65 14.25 41.15 80.00 63.65 -0050 Stiff Black, Thin C 42.50 14.40 000108 -0000 Powder Blue, Sgl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 57.55 76.80 15.80 19.65 22.75 24.15 -0030 Powder Blue, Dbl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 -0050 Powder Blue, Thin В 12.60 37.10 15.80 000112 -0000 Mint Green, Sgl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 57.55 76.80 19.65 22.75 24.15 -0030 Mint Green, Dbl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 -0050 Mint Green, Thin В 12.60 37.10 000113 57.55 76.80 15.80 19.65 22.75 -0000 White, Sal-rol В 10.85 31.40 61.10 12.55 36.20 70.45 0030 White, Dbl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 White, Dbl-rol, Irid, Rbow R 80.00 45.95 -0031 14.25 41.15 15.90 89.35 -0050 White, Thin В 12.60 37.10 -0051 White, Thin, Irid, Rhow В 14.40 42.45 000114 Cobalt Blue, Sgl-rol В 10.85 31.40 61.10 70.45 57.55 76.80 15.80 19.65 22.75 24.15 -0000 12.55 36.20 Cobalt Blue, Dbl-rol В 31.40 36.20 -0030 10.85 61.10 12.55 70.45 -0050 Cobalt Blue, Thin В 12.60 37.10 000116 -0000 Turquoise Blue, Sal-rol В 10.85 31.40 61.10 12.55 36.20 70.45 57.55 76.80 15.80 19.65 22.75 24.15 -0030 Turquoise Blue, Dbl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 Turquoise Blue, Thin В 37.10 -0050 12.60 000117 -0030 Mineral Green, Dbl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 25.40 -0050 Mineral Green, Thin В 12.60 37.10 000120 -0000 Canary Yellow, Sgl-rol C 12.55 36.30 70.65 14.25 41.15 80.00 63.65 82.95 17.00 20.85 22.75 25.40 -0030 Canary Yellow, Dbl-rol С 12.55 36.30 70.65 14.25 41.15 80.00 -0050 Canary Yellow, Thin C 14.40 42.50 000124 -0000 С 70.65 82.95 17.00 20.85 22.75 25.40 Red, Sgl-rol 12.55 36.30 14.25 41.15 80.00 63.65 -0030 Red Dbl-rol C 36.30 70.65 14 25 41.15 80.00 12.55 -0050 Red, Thin С 14.40 42.50 80.00 17.00 000125 -0000 С 36.30 63.65 82.95 20.85 22.75 25.40 Orange, Sgl-rol 12.55 70.65 14.25 41.15 Orange, Dbl-rol -0030 С 12.55 36.30 70.65 14.25 41.15 80.00 Orange, Thin С -0050 14.40 42.50 22.75 25.40 000126 -0000 Spring Green, Sgl-rol C 12.55 36.30 70.65 14.25 41.15 80.00 63.65 82.95 17.00 20.85 Spring Green, Dbl-rol 80.00 -0030 С 12.55 36.30 70.65 14.25 41.15 -0050 Spring Green, Thin С 14.40 42.50 000127 -0576 Nougat Rod 31.80 000132 -0000 Driftwood Gray, Sgl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 57.55 76.80 15.80 19.65 24.15 -0030 Driftwood Gray, Dbl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 -0050 Driftwood Gray, Thin В 12.60 37.10 000136 -0000 Deco Gray, Sgl-rol В 10.85 31.40 61.10 12.55 36.20 70.45 57.55 76.80 15.80 19.65 22.75 24.15 Deco Gray, Dbl-rol 61.10 В 10.85 31.40 12.55 36.20 70.45 -0030 -0050 Deco Gray, Thin В 12.60 37.10 000137 -0000 15.80 22.75 French Vanilla, Sol-rol В 10.85 31.40 61.10 12.55 36.20 70.45 57.55 76.80 19.65 24.15 French Vanilla, Dbl-rol В -0030 10.85 31.40 61.10 12.55 36.20 70.45 -0050 French Vanilla. Thin В 12.60 37.10

			BASE		SHEET GLASS				FR		STRINGER	ROD			
S1	ΓYLE NUMBER	SOLID COLOR	PRICE		STANDAR	D	BULLS	EYE COM	PATIBLE	-0001, -0002, -0003	POWDER -0008	-0001, -0002, -0003	POWDER -0008	-0107, -0272	-0576
		OPALESCENT	*	10 X 10	17X20	35 X 2 O	10 X 10	17X20	35 X 2 O	-P005 (5 LB JAR)	-P005 (5 LB JAR)	-P001 (1 LB JAR)	-P001 (1 LB JAR)	TUBE	PER LB
	000138 -0030	Marzipan Striker, Dbl-rol	D	_	_	_	16.15	46.65	90.75	70.55	89.80	18.40	22.25	_	_
	-0050	Marzipan Striker, Thin	D	_	_	_	16.50	48.55	_						
	000139 -0030 -0050	Almond Striker, Dbl-rol Almond Striker, Thin	D D	_	_	_	16.15 16.50	46.65 48.55	90.75	_	_		_	_	_
	000141 -0030	Dark Forest Green, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0050	Dark Forest Green, Thin	В	_	_	_	12.60	37.10	_						
	-000142 -0000 -0030	Neo-Lavender, Sgl-rol Neo-Lavender, Dbl-rol	E	17.50 17.50	50.55 50.55	98.35 98.35	19.15 19.15	55.35 55.35	107.70 107.70	81.45	100.70	20.55	24.40	22.75	31.80
	-0050	Neo-Lavender, Thin	E	-	-	70.33	19.70	58.15	-						
	000143 -0000	Lacy White, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	_	_	_	_	_	_
	-0030	Lacy White, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0050 000144 -0000	Lacy White, Thin Teal Green, Sgl-rol	B	10.85	31.40	61.10	12.60 12.55	37.10 36.20	70.45	57.55	76.80	15.80	19.65	22.75	25.40
	-0030	Teal Green, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0050	Teal Green, Thin	В	_	_	_	12.60	37.10							
	-0030	Jade Green, Sgl-rol Jade Green, Dbl-rol	B	10.85	31.40 31.40	61.10	12.55 12.55	36.20 36.20	70.45 70.45	57.55	76.80	15.80	19.65	22.75	25.40
	-0050	Jade Green, Thin	В	—	J1.40	—	12.60	37.10	- TO.43						
	000146 -0000	Steel Blue, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	_	25.40
	-0030	Steel Blue, Dbl-rol	B	10.85	31.40	61.10	12.55	36.20	70.45						
	-0050 000147 -0000	Steel Blue, Thin  Deep Cobalt Blue, Sgl-rol	C	12.55	36.30	70.65	12.60 14.25	37.10 41.15	80.00	63.65	82.95	17.00	20.85	22.75	25.40
	-0030	Deep Cobalt Blue, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00						
	-0050	Deep Cobalt Blue, Thin	С	-	_	-	14.40	42.50	_		7	45.5	40 :-	60.55	
	000164 -0000 -0030	Egyptian Blue, Sgl-rol Egyptian Blue, Dbl-rol	B	10.85	31.40 31.40	61.10 61.10	12.55 12.55	36.20 36.20	70.45 70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0050	Egyptian Blue, Thin	В	-	-	-	12.60	37.10	-						
	000203 -0030	Woodland Brown, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	_	25.40
	-0050	Woodland Brown, Thin	С	-	_	-	14.40	42.50	-		74.00	45.00	10.45	22.75	25.40
	-0050	Olive Green, Dbl-rol Olive Green, Thin	B	10.85	31.40	61.10	12.55	36.20 37.10	70.45	57.55	76.80	15.80	19.65	22.75	25.40
	000216 -0030	Light Cyan, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	_	_		_	_	25.40
	-0050	Light Cyan, Thin	В	_	_	_	12.60	37.10	_						
	000217	Green Gold Stringer Sunflower Yellow, Sgl-rol		12.55	-	70.65	— 14.25	- 61.1F	80.00	63.65	- 02.05	17.00	20.85	22.75 22.75	- 25.60
	000220 -0000 -0030	Sunflower Yellow, Sgl-rol	C	12.55 12.55	36.30 36.30	70.65 70.65	14.25	41.15 41.15	80.00	63.65	82.95	17.00	20.85	22.15	25.40
	-0050	Sunflower Yellow, Thin	С	_	_	-	14.40	42.50	_						
	000224 -0030	Deep Red, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	_	_
	-0050 000225 -0030	Deep Red, Thin Pimento Red, Dbl-rol	C	12.55	36.30	70.65	14.40 14.25	42.50 41.15	80.00	63.65	82.95	17.00	20.85	_	_
	-0050	Pimento Red, Thin	С	-	_	-	14.40	42.50	-	03.03	02.75	17.00	20.03		
	000227 -0030	Golden Green, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	_	_		_	_	31.80
	-0050	Golden Green, Thin Translucent White, Dbl-rol	C	_	_	_	14.40	42.50	80.00	(2.65	02.05	17.00	20.05		25.40
	000243 -0030 -0050	Translucent White, Thin	C	_	_		14.25 14.40	41.15 42.50	80.00	63.65	82.95	17.00	20.85	_	25.40
	000301 -0000	Pink, Sgl-rol	E	17.50	50.55	98.35	_	_	_	81.45	100.70	20.55	24.40	22.75	31.80
	-0030	Pink, Dbl-rol	E	17.50	50.55	98.35	19.15	55.35	107.70						
	-0050 000303 -0000	Pink, Thin  Dusty Lilac, Sgl-rol	E C	12.55	36.30	70.65	19.70 14.25	58.15 41.15	80.00	63.65	82.95	17.00	20.85	_	31.80
	-0030	Dusty Lilac, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	03.03	02.75	17.00	20.03		31.00
	-0050	Dusty Lilac, Thin	С	_		_	14.40	42.50	_						
	-0030	Salmon Pink, Sgl-rol Salmon Pink, Dbl-rol	E	17.50 17.50	50.55 50.55	98.35 98.35	- 19.15	- 55.35	107.70	81.45	100.70	20.55	24.40		31.80
	-0030	Salmon Pink, Dbi-roi	E	-	- 50.55	98.35	19.15	58.15	107.70						
	000309-0030	Cinnabar, Dbl-rol	D	14.45	41.85	81.35	16.15	46.65	90.75	70.55	89.80	18.40	22.25	_	31.80
	-0050	Cinnabar, Thin	D	-	- 41.05	- 01.25	16.50	48.55	- 00.75						
	000310 -0030 -0050	Umber, Dbl-rol Umber, Thin	D D	14.45 —	41.85 —	81.35 —	16.15 16.50	46.65 48.55	90.75		_	_	_	_	_
	000312 -0576	Pea Pod Rod		_	_	_	-	-	_	_	_	_	_	_	25.40
	000313 -0030	Dense White, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	_	25.40
	-0050 000320 -0000	Dense White, Thin Marigold Yellow, Sgl-rol	C	12.55	36.30	70.65	14.40 14.25	42.50 41.15	80.00	63.65	82.95	17.00	20.85	_	_
	-0030	Marigold Yellow, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	03.03	04.70	17.00	20.03		
	-0050	Marigold Yellow, Thin	С	_	_	_	14.40	42.50	_						
	000321 -0030	Pumpkin Orange, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	22.75	25.40
	-0050 000329 -0030	Pumpkin Orange, Thin Burnt Orange, Dbl-rol	C	12.55	36.30	70.65	14.40 14.25	42.50 41.15	80.00	_	_	_	_	_	31.80
	-0050	Burnt Orange, Thin	С	-	_	- -	14.40	42.50	_						31.00
	000334 -0030	Gold Purple, Dbl-rol	F	27.85	80.55	156.65	29.50	85.35	166.05	118.80	138.10	28.05	31.90	22.75	37.15
	-0050	Gold Purple, Thin  Butterscotch, Dbl-rol	F C	12.55	- 26.30	70.65	30.85	91.05	- 80.00	_	_			_	21 00
	000337 -0030 -0050	Butterscotch, Dbi-roi  Butterscotch, Thin	C	12.55	36.30 —	70.65 —	14.25 14.40	41.15 42.50	80.00		_		_	_	31.80
	000421 -0030	Petal Pink, Dbl-rol	E	17.50	50.55	98.35	19.15	55.35	107.70	81.45	100.70	20.55	24.40	_	37.15
	-0050	Petal Pink, Thin	E	_	_	_	19.70	58.15	_						27.4
	000459 -0576	Rhubarb Pastel Rod		_	_	_	_		_	_		_	_	_	37.15

		BASE	SHEET GLASS							FR		STRINGER	R ROD	
STYLE NUMBER	SOLID COLOR	PRICE CODE	9	STANDAR	 D	BULLSE	YE COM	PATIBLE	-0001, -0002, -0003	POWDER -0008	-0001, -0002, -0003	POWDER -0008	-0107, -0272	-0576
	TRANSPARENT	*	10 X 10	17X20	35 X 20	10 X 10	17X20	35 X 20	-P005 (5 LB JAR)	-P005 (5 LB JAR)	-P001 (1 LB JAR)	-P001 (1 LB JAR)	TUBE	PER LB
001022 -0576	Red Orange Rod	_	_	_	_	_	_	_	— (J ED JAK)	— (J LD JAK)	— (TED )AK)	— (TED JAK)	_	31.80
001101 -0000	Clear, Sgl-rol	Α	8.15	23.50	45.65	9.80	28.30	55.05	47.65	66.90	13.80	17.65	22.75	24.15
-0005 -0021	Clear Extra Large Frit Clear, Soft Ripple	— А	9.80		55.05	— 11.45	33.10	64.40	5 lb jar	47.65	1 lb jar	13.80		_
-0021	Clear, Herringbone Ripple	A	12.45	36.00	70.05	14.10	40.85	79.40						
-0025	Clear, Herringbone Ripple, Irid, Rbow	A	15.80	45.75	89.00	17.50	50.55	98.35						
-0030	Clear, Dbl-rol	Α	8.15	23.50	45.65	9.80	28.30	55.05						
-0031	Clear, Dbl-rol, Irid, Rbow	A	11.50	33.20	64.60	13.15	38.05	73.95						
-0032 -0037	Clear, Dbl-rol, Irid, Patterned Clear, Dbl-rol, Irid, Silver	A	14.85 11.50	42.95 33.20	83.50 64.60	16.50 13.15	47.75 38.05	92.90 73.95						
-0038	Clear, Dbl-rol, Irid, Gold	A	11.50	33.20	64.60	13.15	38.05	73.95						
-0043	Clear, Reed	Α	8.15	23.50	45.65	9.80	28.30	55.05						
-0044	Clear, Reed, Irid, Rbow	Α	11.50	33.20	64.60	13.15	38.05	73.95						
-0045 -0046	Clear, Accordion Clear, Accordion, Irid, Rbow	A	8.15 11.50	23.50 33.20	45.65 64.60	9.80 13.15	28.30 38.05	55.05 73.95						
-0047	Clear, Prismatic	A	9.80	28.30	55.05	11.45	33.10	64.40						
-0048	Clear, Prismatic, Irid, Rbow	Α	13.15	38.05	73.95	14.80	42.85	83.30						
-0050	Clear, Thin	Α		_		9.65	28.40	_						
-0051 -0053	Clear, Thin, Irid, Rbow Clear, Thin, Reed	A		_		11.45 9.65	33.75 28.40	_						
-0054	Clear, Thin, Reed, Irid, Rbow	A	_	_	_	11.45	33.75	_						
-0055	Clear, Thin, Accordion	Α	_	_	_	9.65	28.40	_						
-0056	Clear, Thin, Accordion, Irid, Rbow	Α		_		11.45	33.75	_						
-0057 -0058	Clear, Thin, Irid, Silver Clear, Thin, Irid, Gold	A		_		11.45 11.45	33.75 33.75	_						
-0060	Clear, Sgl-rol, 6 mm	A	16.25	46.95	91.30	19.55	56.60	110.05						
-0876	Clear, 7-9 mm Rod	_	_	_	_	_	_	_	_	_	_	_	_	24.15
001105 -0000	Deep Plum, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65		24.15
-0030 -0031	Deep Plum, Dbl-rol Deep Plum, Dbl-rol, Irid, Rbow	B B	10.85 14.25	31.40 41.15	61.10 80.00	12.55 15.90	36.20 45.95	70.45 89.35						
-0050	Deep Plum, Thin	В	14.25	41.15	-	12.60	37.10	-						
-0051	Deep Plum, Thin, Irid, Rbow	В	_	_	_	14.40	42.45	_						
001107 -0000	Light Green, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
-0030	Light Green, Dbl-rol	B B	10.85	31.40	61.10	12.55	36.20	70.45						
-0031 -0050	Light Green, Dbl-rol, Irid, Rbow Light Green, Thin	В	14.25	41.15 —	80.00	15.90 12.60	45.95 37.10	89.35 —						
-0051	Light Green, Thin, Irid, Rbow	В	_	_	_	14.40	42.45	_						
001108 -0000	Aquamarine Blue, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
-0030	Aquamarine Blue, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
-0031 -0050	Aquamarine Blue, Dbl-rol, Irid, Rbow Aquamarine Blue, Thin	В	14.25	41.15	80.00	15.90 12.60	45.95 37.10	89.35						
-0051	Aguamarine Blue, Thin, Irid, Rbow	В	_	_		14.40	42.45	_						
001109 -0030	Dark Rose Brown, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
-0031	Dark Rose Brown, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
-0050 -0051	Dark Rose Brown, Thin Dark Rose Brown, Thin, Irid, Rbow	B		_		12.60 14.40	37.10 42.45	_						
001112 -0000	Aventurine Green, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	31.80
-0030	Aventurine Green, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
-0031	Aventurine Green, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
-0050 -0051	Aventurine Green, Thin  Aventurine Green, Thin, Irid, Rbow	B	_	_	_	12.60 14.40	37.10 42.45	_						
001114 -0000	Deep Royal Blue, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
-0030	Deep Royal Blue, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
-0031	Deep Royal Blue, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
-0050 -0051	Deep Royal Blue, Thin Deep Royal Blue, Thin, Irid, Rbow	B B		_		12.60 14.40	37.10 42.45	_						
001116 -0000	Turquoise Blue, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
-0030	Turquoise Blue, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
-0031	Turquoise Blue, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
-0050 -0051	Turquoise Blue, Thin Turquoise Blue, Thin, Irid, Rbow	B B		_	_	12.60 14.40	37.10 42.45	_						
001118 -0000	Midnight Blue, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
-0030	Midnight Blue, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
-0031	Midnight Blue, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
-0050 -0051	Midnight Blue, Thin Midnight Blue, Thin, Irid, Rbow	B B		_		12.60 14.40	37.10 42.45	_						
001119 -0030	Sienna Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	_	31.80
-0031	Sienna Dbl-rol, Irid, Rbow	С	15.90	46.05	89.55	17.60	50.85	98.95						
-0050	Sienna, Thin	С	_	_	_	14.40	42.50	_						
-0051 001120 -0000	Sienna, Thin, Irid, Rbow Yellow, Sgl-rol	C	12.55	36.30	70.65	16.25 14.25	47.85 41.15	80.00	63.65	82.95	17.00	20.85	_	31.80
-0030	Yellow, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	55.05	JE.//	.7.00	20.00		500
-0031	Yellow, Dbl-rol, Irid, Rbow	С	15.90	46.05	89.55	17.60	50.85	98.95						
-0050	Yellow, Thin	С		_		14.40	42.50	_						
-0051	Yellow, Thin, Irid, Rbow	С	_	_		16.25	47.85	_						

			BASE			SHEET	GLASS				FR	IT.		STRINGER	ROD
ST	YLE NUMBER	SOLID COLOR	PRICE		STANDAR	 D	BULLSI	YE COM	PATIBLE	-0001, -0002, -0003	POWDER -0008	-0001, -0002, -0003	POWDER -0008	-0107, -0272	-0576
		TRANSPARENT	*	10 X 10	17X20	35 X 20	10 X 10	17X20	35 X 20	-P005 (5 LB JAR)	-P005 (5 LB JAR)	-P001 (1 LB JAR)	-P001 (1 LB JAR)	TUBE	PER LB
	001122 -0000	Red, Sgl-rol	С	12.55	36.30	70.65	_	_	_	63.65	82.95	17.00	20.85	_	31.80
	-0030	Red, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00						
	-0031	Red, Dbl-rol, Irid, Rbow	С	15.90	46.05	89.55	17.60	50.85	98.95						
	-0050 -0051	Red, Thin Red, Thin, Irid, Rbow	C		_	_	14.40 16.25	42.50 47.85	_						
	001125 -0000	Orange, Sgl-rol	С	12.55	36.30	70.65	-	-	_	63.65	82.95	17.00	20.85	_	31.80
	-0030	Orange, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00						
	-0031 -0050	Orange, Dbl-rol, Irid, Rbow Orange, Thin	C	15.90	46.05	89.55	17.60 14.40	50.85 42.50	98.95						
	-0051	Orange, Thin, Irid, Rbow	С		_	_	16.25	47.85	_						
	001126 -0030	Chartreuse, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	_	24.15
	-0031	Chartreuse, Dbl-rol, Irid, Rbow	С	15.90	46.05	89.55	17.60	50.85	98.95						
	-0050 -0051	Chartreuse, Thin Chartreuse, Thin, Irid, Rbow	C		_		14.40	42.50 47.85	_						
	001128 -0000	Deep Royal Purple, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Deep Royal Purple, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031	Deep Royal Purple, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
	-0050 -0051	Deep Royal Purple, Thin Deep Royal Purple, Thin, Irid, Rbow	B B	_	_	_	12.60 14.40	37.10 42.45	_						
	001129 -0000	Charcoal Gray, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Charcoal Gray, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031 -0050	Charcoal Gray, Dbl-rol, Irid, Rbow Charcoal Gray, Thin	B B	14.25	41.15	80.00	15.90 12.60	45.95 37.10	89.35 —						
	-0050	Charcoal Gray, Thin, Irid, Rbow	В		_		14.40	42.45	_						
	001137 -0000	Medium Amber, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Medium Amber, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031 -0050	Medium Amber, Dbl-rol, Irid, Rbow  Medium Amber, Thin	B	14.25	41.15	80.00	15.90 12.60	45.95 37.10	89.35						
	-0051	Medium Amber, Thin, Irid, Rbow	В	_	_	_	14.40	42.45	_						
	001141 -0000	Olive Green, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Olive Green, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031 -0050	Olive Green, Dbl-rol, Irid, Rbow Olive Green, Thin	B B	14.25	41.15	80.00	15.90 12.60	45.95 37.10	89.35 —						
	-0051	Olive Green, Thin, Irid, Rbow	В	_	_	_	14.40	42.45	_						
	001145 -0000	Kelly Green, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Kelly Green, Dbl-rol	B B	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031 -0050	Kelly Green, Dbl-rol, Irid, Rbow  Kelly Green, Thin	В	14.25	41.15	80.00	15.90 12.60	45.95 37.10	89.35						
	-0051	Kelly Green, Thin, Irid, Rbow	В	_	_	-	14.40	42.45	_						
	001164 -0576	Caribbean Blue Rod	_		_	_	_	_		_	_	_	_	_	24.15
	001207 -0030 -0031	Fern Green, Dbl-rol Fern Green, Dbl-rol, Irid, Rbow	В	10.85	31.40 41.15	61.10 80.00	12.55 15.90	36.20 45.95	70.45 89.35		_		_		_
	-0050	Fern Green, Thin	В	14.23 —	41.15	-	12.60	37.10	— O7.33						
	-0051	Fern Green, Thin, Irid, Rbow	В	_	_	_	14.40	42.45	_						
	001215 -0030	Light Pink Striker, Dbl-rol	E		_	_	19.15	55.35	107.70	81.45	100.70	20.55	24.40	_	37.15
	-0031 -0050	Light Pink Striker, Dbl-rol, Irid, Rbow Light Pink Striker, Thin	E		_	-	22.50 19.70	65.10 58.15	126.65						
	-0051	Light Pink Striker, Thin, Irid, Rbow	E	_	_	_	21.55	63.45	_						
	001232 -0576	Light Fuchsia Rod	_	_	_	_	_	_	_	_	_	_	_	_	37.15
	001234 -0030	Violet Striker, Dbl-rol	F		_	_	29.50	85.35	166.05	118.80	138.10	28.05	31.90	22.75	37.15
	-0031 -0050	Violet Striker, Dbl-rol, Irid, Rbow Violet Striker, Thin	F		_	_	32.85 30.85	95.10 91.05	184.95						
	-0051	Violet Striker, Thin, Irid, Rbow	F	_	_	1	32.70	96.35	_						
	001241 -0030	Pine Green, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	_	_	_	_	_	_
	-0031 -0050	Pine Green, Dbl-rol, Irid, Rbow Pine Green, Sgl-rol	B B	14.25	41.15	80.00	15.90	45.95 37.10	89.35						
	-0050	Pine Green, Sgi-roi Pine Green, Thin, Irid, Rbow	В	_	_	_	12.60 14.40	42.45							
	001305 -0000	Sunset Coral, Sgl-rol	F	27.85	80.55	156.65	29.50	85.35	166.05	118.80	138.10	28.05	31.90	22.75	37.15
	-0030	Sunset Coral, Dbl-rol	F	27.85	80.55	156.65	29.50	85.35	166.05						
	-0031 -0050	Sunset Coral, Dbl-rol, Irid, Rbow Sunset Coral, Thin	F	31.20	90.25	175.60	32.85 30.85	95.10 91.05	184.95 —						
	-0050	Sunset Coral, Thin, Irid, Rbow	F		_	_	30.85	96.35	_						
	001311 -0000	Cranberry Pink, Sgl-rol	F	27.85	80.55	156.65	29.50	85.35	166.05	118.80	138.10	28.05	31.90	22.75	37.15
	-0030	Cranberry Pink, Dbl-rol	F	27.85	80.55	156.65	29.50	85.35	166.05						
	-0031 -0050	Cranberry Pink, Dbl-rol, Irid, Rbow Cranberry Pink, Thin	F	31.20	90.25	175.60	32.85 30.85	95.10 91.05	184.95						
	-0050	Cranberry Pink, Thin, Irid, Rbow	F	_	_	_	32.70	96.35	_						
	001320 -0030	Marigold Yellow, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	_	_
	-0031	Marigold Yellow, Dbl-rol, Irid, Rbow	С	15.90	46.05	89.55	17.60	50.85	98.95						
	-0050 -0051	Marigold Yellow, Thin Marigold Yellow, Thin, Irid, Rbow	C	_	_	_	14.40 16.25	42.50 47.85	_						
	001321 -0030	Carnelian, Dbl-rol	F	27.85	80.55	156.65	29.50	85.35	166.05	118.80	138.10	28.05	31.90	_	_
	-0031	Carnelian, Dbl-rol, Irid, Rbow	F	31.20	90.25	175.60	32.85	95.10	184.95						
	-0050 -0051	Carnelian, Thin Carnelian, Thin, Irid, Rbow	F		_	_	30.85	91.05	_						
	-0051	Camenan, min, ma, KDOW					32.70	96.35							

20102 0102				SHEET GLASS							FR	STRINGER	ROD		
S	TYLE NUMBER	SOLID COLOR	BASE PRICE CODE	STANDADD BUILISEVE COMPATIBLE						-0001, -0002, -0003	POWDER -0008	-0107, -0272	-0576		
		TRANSPARENT	*	10 X 10	17X20	35 X 2 O	10 X 10	17X20	35 X 2 O	-P005 (5 LB JAR)	-P005 (5 LB JAR)	-0003 -P001 (1 LB JAR)	-0008 -P001 (1 LB JAR)	TUBE	PER LB
	001322 -0030	Garnet Red, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	-	31.80
	-0031	Garnet Red, Dbl-rol, Irid, Rbow	С	15.90	46.05	89.55	17.60	50.85	98.95						
	-0050	Garnet Red, Thin	С				14.40	42.50							
	-0051 001332 -0000	Garnet Red, Thin, Irid, Rbow  Fuchsia, Sgl-rol	C F	27.85	80.55	156.65	16.25 29.50	47.85 85.35	166.05	118.80	138.10	28.05	31.90	_	_
	-0030	Fuchsia, Dbl-rol	F	27.85	80.55	156.65	29.50	85.35	166.05	110.00	130.10	20.03	31.70		
	-0031	Fuchsia, Dbl-rol, Irid, Rbow	F	31.20	90.25	175.60	32.85	95.10	184.95						
	-0050	Fuchsia, Thin	F		_		30.85	91.05	_						
	-0051	Fuchsia, Thin, Irid, Rbow	F F	- 27.05	-		32.70	96.35		110.00	120.10	20.05	21.00		27.15
	001334 -0030 -0031	Gold Purple, Dbl-rol  Gold Purple, Dbl-rol, Irid, Rbow	F	27.85 31.20	80.55 90.25	156.65 175.60	29.50 32.85	85.35 95.10	166.05 184.95	118.80	138.10	28.05	31.90		37.15
	-0050	Gold Purple, Thin	F	— J1.20	—	—	30.85	91.05	—						
	-0051	Gold Purple, Thin, Irid, Rbow	F	_	_	_	32.70	96.35	_						
	001342 -0576	Cranberry Sapphirine Rod	-		_	_	_	_	_	_	_	_	_		37.15
	001401 -0000	Crystal Clear, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65		24.15
	-0030 -0050	Crystal Clear, Dbl-rol Crystal Clear, Thin	B B	10.85	31.40	61.10	12.55 12.60	36.20 37.10	70.45						
	-0060	Crystal Clear, Sgl-rol, 6 mm	В	21.70	62.80	122.15	25.05	72.40	140.85						
	001405 -0000	Light Plum, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	_	24.15
	-0030	Light Plum, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031	Light Plum, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
	-0050	Light Plum, Thin	В				12.60	37.10	_						
	-0051 001406 -0000	Light Plum, Thin, Irid, Rbow Steel Blue, Sql-rol	B B	10.85	31.40	61.10	14.40 12.55	42.45 36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Steel Blue, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	31.33	70.00	15.00	17.05	22.13	24.17
	-0031	Steel Blue, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
	-0050	Steel Blue, Thin	В	_	_	_	12.60	37.10	_						
	-0051	Steel Blue, Thin, Irid, Rbow	В			_	14.40	42.45							
	001408 -0000	Light Aquamarine Blue, Sgl-rol Light Aquamarine Blue, Dbl-rol	B B	10.85	31.40 31.40	61.10	12.55	36.20	70.45 70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030 -0031	Light Aqua. Blue, Dbl-rol, Irid, Rbow	В	10.85	41.15	61.10 80.00	12.55 15.90	36.20 45.95	89.35						
	-0050	Light Aquamarine Blue, Thin	В	— —	-	_	12.60	37.10	—						
	-0051	Light Aqua. Blue, Thin, Irid, Rbow	В	_	_	_	14.40	42.45	_						
	001409 -0000	Light Bronze, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Light Bronze, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031 -0050	Light Bronze, Dbl-rol, Irid, Rbow Light Bronze, Thin	B B	14.25	41.15	80.00	15.90 12.60	45.95 37.10	89.35						
	-0050	Light Bronze, Thin, Irid, Rbow	В		_	_	14.40	42.45	_						
	001412 -0000	Light Aventurine Green, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	31.80
	-0030	Light Aventurine Green, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031	Lt. Aventurine Grn, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
	-0050 -0051	Light Aventurine Green, Thin  Light Aventurine Grn, Thin, Irid, Rbow	B B				12.60	37.10 42.45							
		Light Sky Blue, Sgl-rol	В	10.85	31.40	61.10	14.40 12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Light Sky Blue, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	31.33	70.00	13.00	17.05	LL.77	2 1.15
	-0031	Light Sky Blue, Dbl-rol, Irid, Rbow	В	14.25	41.15	80.00	15.90	45.95	89.35						
	-0050	Light Sky Blue, Thin	В		_	_	12.60	37.10	_						
	-0051 001416 -0030	Light Sky Blue, Thin, Irid, Rbow Light Turquoise Blue, Dbl-rol	B B	10.05	- 21.60	- (1.10	14.40	42.45	70.45						_
	-0031	Lt. Turquoise Blue, Dbl-rol, Irid, Rbow	В	10.85 14.25	31.40 41.15	61.10 80.00	12.55 15.90	36.20 45.95	70.45 89.35	_	_	_	_		
	-0050	Light Turquoise Blue, Thin	В	-	-	_	12.60	37.10	_						
	-0051	Light Turquoise Blue, Thin, Irid, Rbow	В	_	_	_	14.40	42.45	_						
	001417 -0000	Emerald Green, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	22.75	24.15
	-0030	Emerald Green, Dbl-rol Emerald Green, Dbl-rol, Irid, Rbow	В	10.85	31.40	61.10	12.55	36.20	70.45						
	-0031 -0050	Emerald Green, Dbi-roi, Irid, Rbow  Emerald Green, Thin	B B	14.25	41.15	80.00	15.90 12.60	45.95 37.10	89.35 —						
	-0051	Emerald Green, Thin, Irid, Rbow	В	_	_	_	14.40	42.45	_						
	001419 -0030	Tan, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	_	_	_	_	_	_
	-0031	Tan, Dbl-rol, Irid, Rbow	С	15.90	46.05	89.55	17.60	50.85	98.95						
	-0050	Tan, Thin	С				14.40	42.50							
	-0051 001426 -0000	Tan, Thin, Irid, Rbow Spring Green, Sgl-rol	C	12.55	36.30	<del>-</del> 70.65	16.25 14.25	47.85 41.15	80.00	63.65	82.95	17.00	20.85	22.75	24.15
	-0030	Spring Green, Spi-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	03.03	04.70	17.00	20.00	44.13	24.13
	-0031	Spring Green, Dbl-rol, Irid, Rbow	С	15.90	46.05	89.55	17.60	50.85	98.95						
	-0050	Spring Green, Thin	С	_	_	_	14.40	42.50	_						
	-0051	Spring Green, Thin, Irid, Rbow	С	_	_	_	16.25	47.85	_						
	001428 -0000	Light Violet, Sgl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	57.55	76.80	15.80	19.65	_	24.15
	-0030 -0031	Light Violet, Dbl-rol Light Violet, Dbl-rol, Irid, Rbow	B B	10.85 14.25	31.40 41.15	61.10 80.00	12.55 15.90	36.20 45.95	70.45 89.35						
	-0050	Light Violet, Db1-101, ITIA, RD0W	В	14.25 —	41.15	-	12.60	37.10	— —						
		Light Violet, Thin, Irid, Rbow			_	_	14.40	42.45	_						_

SOLID COLOR TRANSPARENT  TRANSP			60115 601.05	BASE	SHEET GLASS		FRIT			STRINGER	ROD					
Control   Cont	S	STYLE NUMBER SOLID COLOR		PRICE		STANDAR	D	BULLSE	EYE COMI	PATIBLE	-0001, -0002, -0003	POWDER -0008	-0001, -0002, -0003	POWDER -0008	-0107, -0272	-0576
Control   Cont		TRANSPARENT		*	10 X 10	17X20	35X20	10 X 10	17 X 2 O	35 X 2 O					TUBE	PER LB
		001429 -0000	Light Silver Grav. Sgl-rol	В												
											31133	70.00	13100	.,,,,,	22175	2 1115
		-0031		В	14.25	41.15	80.00	15.90	45.95	89.35						
0.00147 - 0.000   Light Amber, Sgirrel					_	_				_						
											57.55	76.80	15.80	19.65	_	24.15
-0.013																
00143 - 0030					_	_	_			_						
-0.005		001439 -0030			10.85	31.40	61.10			70.45	57.55	76.80	15.80	19.65	_	24.15
O0144		-0031			14.25	41.15	80.00	15.90		89.35						
001442 - 00000   Neo-Lavender Shift, Shi-rol   C   17:50   50:55   98:35   1915   53:35   107:70   81:45   100:70   20:55   24:40   22:75   31:80																
-0.030   Neo-Lavender Shift, Deliver   E   72.50   50.55   89.35   191.5   53.35   107.70											01.75	100.70	20.55	27.70	22.75	21.00
-0.031											81.45	100.70	20.55	24.40	22.75	31.80
Colision																
-0.031 Sea Blue, Dib-rol, Indi, Rbow			7 :		_	_	_			_						
-0005   Sea Blue, Thim , Ind, Bhow   B     -   1260   37.10   -		001444 -0030	Sea Blue, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	_	_	_	_	_	_
-0.05    -																
O01449-0030   Oregon Gray, Dibl-roll, rid, Rbow   B   1.62   M.125   M.15   M.200   15.90   45.95   89.35   76.80   15.80   19.65   — — — — — — — — — — — — — — — — — —																
-0031 Oregon Gray, Di-Pol, Irid, Bbow											F7 FF	74.00	45.00	10.45		
-0050   Oregon Cray, Thin, Hid, Bow   8											57.55	76.80	15.80	19.65	_	
-0.05    Oregon Gray, Thin, Indi, Bobw   8																
001464 - 0030   True Blue, DbH-roll rid, Rbow   8   10.55   31.40   61.10   12.55   36.20   70.45   70.55																
-0030 True Blue, Thin   8			True Blue, Dbl-rol		10.85	31.40				70.45	_	_	_	_	_	_
O01516 - O576   Pale Steel Blue Rod		-0031		В	14.25	41.15	80.00	15.90	45.95	89.35						
001506 - 0576   Pale Steel Blue Rod			True Blue, Thin	В	_	_	_	12.60	37.10	_						
O01514 - 0576   Pale Sky Blue Rod																
001517 - 0576   Pale Emerald Rod																
001528 - 0576   Pale Amethyst Rod			,			_				_	-					
001701 - 0576   Amber Lustre Rod						_										_
001707 -0576   Green Lustre Rod			,	<u> </u>		_										
O01717 - O576				_	_	_	_	_	_	_	_	_	_	_	_	
O1806 - 0030   Juniper Blue Tint, Dbl-rol   B   10.85   31.40   61.10   12.55   36.20   70.45   57.55   76.80   15.80   19.65   — 24.15		001714 -0576	Blue Lustre Rod	_	_	_	_	_	_	_	_	_	_	_	_	70.80
-0060				_	_	_	_	_	_	_		_	_	_	_	
O1807 - 0030   Grass Green Tint, Dbl-rol   B   10.85   31.40   61.10   12.55   36.20   70.45   57.55   76.80   15.80   19.65   22.75   24.15   -0060   Grass Green Tint, 6 mm   B   21.70   62.80   122.15   25.05   72.40   140.85   -0060   -0060   Aqua Blue Tint, 6 mm   C   12.55   36.30   70.65   14.25   41.15   80.00   63.65   82.95   17.00   20.85   22.75   25.40   -0060   Aqua Blue Tint, 6 mm   C   25.10   72.60   141.25   28.45   82.25   160.00   -0   -0   -0   -0   -0   -0   -0											57.55	76.80	15.80	19.65	_	24.15
O1808											F7 FF	74.00	45.00	10.45	22.75	27.45
O01808 - 0030			7								57.55	76.80	15.80	19.65	22.75	24.15
O01812 - 0056			7.								63 65	82 95	17.00	20.85	22.75	25.40
001812 - 0576   Seaweed Aventurine Rod											03.03	02.75	17.00	20.03	22.75	25.40
O01820 - O030				_	_	_		_	_	_	_	_	_	_	_	31.80
-0060   Pale Yellow Tint, 6 mm   D   28.90   83.65   162.70   32.25   93.30   181.45		001818 -0030		С	12.55	36.30	70.65	14.25	41.15	80.00	63.65	82.95	17.00	20.85	_	_
O1821 - O300   Erbium Pink Tint, Dbl-rol   F   27.85   80.55   156.65   29.50   85.35   166.05   118.80   138.10   28.05   31.90   22.75   37.15											70.55	89.80	18.40	22.25	22.75	31.80
-0060 Erbium Pink Tint, 6 mm			•								110.00	120.10	20.05	24.65	22 ==	27.1-
001823 -0030   Burnt Scarlet Tint Striker, Dbl-rol   F   27.85   80.55   156.65   29.50   85.35   166.05   118.80   138.10   28.05   31.90											118.80	138.10	28.05	31.90	22.75	3/.15
001824 -0030   Ruby Red Tint Striker, Dbl-rol   F   27.85   80.55   156.65   29.50   85.35   166.05   118.80   138.10   28.05   31.90											118 80	138 10	28.05	31.90	_	_
001826 -0030   Green Tea Tint, Dbl-rol   C   12.55   36.30   70.65   14.25   41.15   80.00   63.65   82.95   17.00   20.85																
O01827 -0030   Light Amber Tint, Dbl-rol   C   12.55   36.30   70.65   14.25   41.15   80.00   63.65   82.95   17.00   20.85																
O1831 - O030		001827 -0030	Light Amber Tint, Dbl-rol	С						80.00					_	_
001834 -0030   Coral Orange Tint, Dbl-rol   D   14.45   41.85   81.35   16.15   46.65   90.75   70.55   89.80   18.40   22.25   22.75   31.80					12.55	36.30			41.15	80.00	63.65		17.00		_	_
-0060   Coral Orange Tint, 6 mm   D   28.90   83.65   162.70   32.25   93.30   181.45																
001837 -0030   Medium Amber Tint, Dbl-rol   C   12.55   36.30   70.65   14.25   41.15   80.00   63.65   82.95   17.00   20.85			<b>3</b> ,								/0.55	89.80	18.40	22.25	22.75	31.80
O1838 - O030   Dark Amber Tint, Dbl-rol   C   12.55   36.30   70.65   14.25   41.15   80.00   63.65   82.95   17.00   20.85			<b>y</b> ,								62 (5	82.05	17.00	20 05		
001841 -0030         Spruce Green Tint, Dbl-rol         B         10.85         31.40         61.10         12.55         36.20         70.45         57.55         76.80         15.80         19.65         22.75         24.15           -0060         Spruce Green Tint, 6 mm         B         21.70         62.80         122.15         25.05         72.40         140.85			·													
-0060 Spruce Green Tint, 6 mm B 21.70 62.80 122.15 25.05 72.40 140.85			·													
001842 -0030   Light Neo-Lavender Shift Tint, Dbl-rol   E   17.50   50.55   98.35   19.15   55.35   107.70   81.45   100.70   20.55   24.40   22.75   31.80   -0060   Light Neo-Lavender Shift Tint, 6 mm   E   34.95   101.10   196.65   38.25   110.70   215.40																
001859 -0030 Rhubarb Pink/Green Shift Tint, Dbl-rol F 27.85 80.55 156.65 29.50 85.35 166.05 118.80 138.10 28.05 31.90 22.75 37.15 -0060 Rhubarb Pink/Green Shift Tint, 6 mm F 55.65 161.05 313.30 59.00 170.70 332.05											81.45	100.70	20.55	24.40	22.75	31.80
-0060 Rhubarb Pink/Green Shift Tint, 6 mm F 55.65 161.05 313.30 59.00 170.70 332.05			, , ,													
001864 -0030 Gray Blue Tint, Dbl-rol C 12.55 36.30 70.65 14.25 41.15 80.00 63.65 82.95 17.00 20.85 — —											118.80	138.10	28.05	31.90	22.75	37.15
					1						(2.15	02.05	17.00	20.05		
OUIOUT OUDO   OIIVE BIIIIUNE   IIIII, DUIT-IUI   C   12.35   30.30   70.05   14.25   41.15   00.00   03.05   02.75   17.00   20.05   -   -																
		001007 -0030	Olive Shioke Hill, DDI-101	L	14.33	الد.ود	10.03	14.40	+1.15	00.00	03.03	04.73	17.00	20.03		

		BASE			SHEET	GLASS			ROD
STYLE NUMBER	STREAKIES	PRICE CODE	9	STANDAR	D	BULLSI	EYE COM	PATIBLE	-0576
		*	10 X 10	17X20	35X20	10 X 10	17X20	35X20	PER LB
002010 -0576	Clear & Pink Opal Rod	<u> </u>	_	_	_	_	_	_	37.15
002020 -0030	Clear, Sunflower Yellow Opal, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	31.80
002024 -0030	Clear, Red Opal, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	_
002026 -0030	Clear, Spring Green Opal, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	
002037 -0030	Clear, French Vanilla Opal, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	_
002047 -0030	Clear, Deep Cobalt Blue Opal, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	_
002050 -0576	Clear & Salmon Opal Rod	-	_	_	_	_	_	_	37.15
002064 -0030	Clear, Egyptian Blue Opal, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	
002100 -0000	Clear, Black	В	10.85	31.40	61.10	12.55	36.20	70.45	
-0030	Clear, Black, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	
002105 -0000	Blue Opal, Plum	В	10.85	31.40	61.10	12.55	36.20	70.45	
002107 -0000	White, Light Green	В	10.85	31.40	61.10	12.55	36.20	70.45	
002108 -0000	Powder Blue Opal, Marine Blue	В	10.85	31.40	61.10	12.55	36.20	70.45	
002109 -0000	White, Dark Brown	В	10.85	31.40	61.10	12.55	36.20	70.45	
002112 -0000	Mint Opal, Deep Forest Green	В	10.85	31.40	61.10	12.55	36.20	70.45	
002121 -0000	Yellow Opal, Deep Forest Green	С	12.55	36.30	70.65	14.25	41.15	80.00	
002123 -0000	White, Orange Opal	С	12.55	36.30	70.65	14.25	41.15	80.00	
002124 -0000	Red Opal, White	С	12.55	36.30	70.65	14.25	41.15	80.00	
002128 -0000	Royal Purple, Powder Blue Opal	В	10.85	31.40	61.10	12.55	36.20	70.45	
002129 -0000	Charcoal Gray, White	В	10.85	31.40	61.10	12.55	36.20	70.45	
002130 -0000	Clear, White	В	10.85	31.40	61.10	12.55	36.20	70.45	
-0030	Clear, White, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	
002137 -0030	Medium Amber, White, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	
002164 -0030	Caribbean Blue, White, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	
002209 -0000	Dark Brown, White	В	10.85	31.40	61.10	12.55	36.20	70.45	
002212 -0030	Olive Green Opal, Forest Green, Dbl-rol	В	10.85	31.40	61.10	12.55	36.20	70.45	
002250 -0000	Soft Yellow Opal, Deep Red	С	12.55	36.30	70.65	_	_	_	
002302 -0000	White, Pink Opal	С	12.55	36.30	70.65	14.25	41.15	80.00	
002304 -0000	White, Lavender Blue Opal	В	10.85	31.40	61.10	12.55	36.20	70.45	
002305 -0000	White, Salmon Pink Opal	С	12.55	36.30	70.65	14.25	41.15	80.00	
002310 -0000	White, Cranberry Pink	E	17.50	50.55	98.35	19.15	55.35	107.70	
002311 -0030	Cranberry Pink, White, Dbl-rol	- 1	22.50	65.30	127.00	24.25	70.10	136.40	
003026 -0021	Cranberry Pink, Royal Blue, Spring Green, White, Ripple	K	22.75	65.80	128.00	_	_	_	
-0030	Cranberry Pink, Royal Blue, Spring Green, White, Dbl-rol	K	21.10	61.00	118.65	_	_	_	
003045 -0021	Azure Blue Opal, Jade Green Opal, Neo-Lavender, Ripple	K	22.75	65.80	128.00		_	_	
-0030	Azure Blue Opal, Jade Green Opal, Neo-Lavender, Dbl-rol	K	21.10	61.00	118.65	_	_	_	
003123 -0000	White, Orange Opal, Deep Forest Green	С	12.55	36.30	70.65	14.25	41.15	80.00	
003126 -0021	Cranberry, Royal Blue, Spring Green, Ripple	K	22.75	65.80	128.00	_	_	_	]
-0030	Cranberry, Royal Blue, Spring Green, Dbl-rol	K	21.10	61.00	118.65	22.75	65.80	128.00	
003203 -0021	Woodland Brown Opal, Ivory, Black, Ripple	С	14.25	41.15	80.00	_	_	_	
-0030	Woodland Brown Opal, Ivory, Black, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	
003212 -0030	Olive Green Opal, Forest Green, Deep Brown, Dbl-rol	С	12.55	36.30	70.65	14.25	41.15	80.00	
003328 -0000	White, Deep Royal Purple, Cranberry Pink	E	17.50	50.55	98.35	19.15	55.35	107.70	
003334 -0021	Cranberry Pink, Gold Purple, White, Ripple	F	29.50	85.35	166.05	_	_		
-0030	Cranberry Pink, Gold Purple, White, Dbl-rol	F	27.85	80.55	156.65	29.50	85.35	166.05	
003345 -0021			65.80	128.00		_			
-0030	Cranberry Pink, Emerald Green, White, Dbl-rol	K	21.10	61.00	118.65	_	_		
003346 -0021	Cranberry Pink, Azure Blue, White, Ripple	K	22.75	65.80	128.00	_			]
-0030	Cranberry Pink, Azure Blue, White, Dbl-rol	K	21.10	61.00	118.65	_	_	_	
003445 -0000	Neo-Lav w/ Purple Opal, Jade Green Opal, and Pink Streaks; Green & Pink Frac	K	21.10	61.00	118.65	_	_	_	]
003446 -0000	Neo-Lav w/ Purple Opal, Azure Blue Opal, and Pink Streaks; Pink, White & Aqua Frac	K	21.10	61.00	118.65	_	_	_	
003501 -0000	White, Deep Forest Green, Caramel Opal	С	12.55	36.30	70.65	_	_	_	



Using a process that was patented in 1688 in France, most of Bullseye's sheets are hand-ladled and handrolled. This streamer sheet is formed by casting molten glass over stringer. Photo: Jerome Hart.

				BASE			SHEET	GLASS		
	STYLE NUM	BER	COLLAGE GLASSES	PRICE CODE	S	TANDARI	D	BULLSE	SEYE COMPATIBLE	
					10 X 10	17X20	35 X 20	10 X 10	17X20	35 X 2 O
	004010	-0000	SPRING: Blue, Green, Aqua and Pink on White	Е	17.50	50.55	98.35	19.15	55.35	107.70
	004011	-0000	AUTUMN: Orange, Yellow and Red on White	Е	17.50	50.55	98.35	19.15	55.35	107.70
	004012	-0000	SUMMER: Green and Yellow on White	Е	17.50	50.55	98.35	19.15	55.35	107.70
	004014	-0000	Spring Green and Deep Pink on White	Е	17.50	50.55	98.35	19.15	55.35	107.70
	004110	-0000	SPRING: Blue, Green, Aqua and Pink on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
S	004111	-0000	AUTUMN: Orange, Yellow and Red on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
FRACTURE-STREAMERS	004112	-0000	SUMMER: Green and Yellow on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
EA	004113	-0000	WINTER: White (with Clear Streamers) on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
T.	004114	-0000	Spring Green and Deep Pink on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
F-0	004115	-0000	Deep Pink, Light Pink, and White on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
L'R		-0000	Light Pink, Green, and White on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
AC1	004117	-0000	Green and White on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
F.	004118	-0000	White (with Black Streamers) on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
	004119	-0000	Blue and White on Clear	Е	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Light Pink, Blue, and White on Clear	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Light Pink and White on Clear	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Light Pink, Plum, and White on Clear	E	17.50	50.55	98.35	19.15	55.35	107.70
		5 · · · · · · · · · · · · · · · · · · ·		E	17.50	50.55	98.35	19.15	55.35	107.70
		00 -0000 Black		D	14.45	41.85	81.35	16.15	46.65	90.75
				D	14.45	41.85	81.35	16.15	46.65	90.75
		-0000	Forest Green	D	14.45	41.85	81.35	16.15	46.65	90.75
		-0000	White	D	14.45	41.85	81.35	16.15	46.65	90.75
ERS		-0000	Black and White	D	14.45	41.85	81.35	16.15	46.65	90.75
N N		-0000	Blue and White	D	14.45	41.85	81.35	16.15	46.65	90.75
STREAMERS		-0000	Pink, Green, and Blue	D	14.45	41.85	81.35	16.15	46.65	90.75
ST	004103		Black Chopstix	D	14.45	41.85	81.35	16.15	46.65	90.75
		-0030	Blue Chopstix	D	14.45	41.85	81.35	16.15	46.65	90.75
	004414		Red Chopstix	D	14.45	41.85	81.35	16.15	46.65	90.75
		-0030	White Chopstix	D	14.45	41.85	81.35	16.15	46.65	90.75
ш		-0030	Clear with Clear Fractures, Irid, Rbow	E	20.85	60.30	117.25	22.50	65.10	126.65
AG DS	004102		Clear with Clear Frit, Irid, Rbow	D	17.85	51.55	100.30	19.50	56.40	109.65
COLLAGE	004202		Clear Chopstix, Irid, Rbow	D	17.85	51.55	100.30	19.50	56.40	109.65
	004402		Black Frit, Black Streamers	E	17.50	50.55	98.35	19.30	55.35	107.70
		-0000	Red, Orange and Yellow Frit, Orange Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Dark Green, Spring Green, and Yellow Frit, Spring Green Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Pink and Cranberry Frit, Pink Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Royal Blue and Turquoise Frit, Cobalt Blue and Turquoise Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Dark Green, Jade Green Frit, Dark Green Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
SAS		-0000	Gray and Black Frit, White Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
9			Cohalt Blue Cray Blue and Agus Frit Blue Strangers	E			98.35			107.70
MARDI GRAS	004219 -0000 Cobalt Blue, Gray Blue, and Aqua Frit, Blue Streamers		Canary and Sunflower Yellow Frit, Sunflower Yellow Streamers	E	17.50 17.50	50.55 50.55	98.35	19.15 19.15	55.35 55.35	
N A		-0000 -0000		E	17.50	50.55	98.35	19.15	55.35	107.70
			Yellow, Blue, and Red Frit, Blue Streamers							
	004224		Red Frit, Red Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Gray and Bronze Frit, Gray and Vanilla Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Cranberry and Purple Frit, Cranberry and Purple Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
		-0000	Vanilla and White Frit, Vanilla and White Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70
	004242 -0000   Neo-lavender and Purple Frit, Cobalt Blue and Purple Streamers		neo-lavenger and Purple Frit, Codait Blue and Purple Streamers	E	17.50	50.55	98.35	19.15	55.35	107.70



Bullseye's confetti (page 26) is created by blowing an immense bubble of glass and letting it break into paper-thin shards on a clean floor. Photo: Jerome Hart.

	TEKTA BY THE SHEET							
STYLE NUMBER		THICK	10 X 10	17X20	24X24*	24X48*	24X72*	40X80*
	001100-0380-F	3 mm	7.90	22.90	36.05	60.00	90.00	166.45
CLEAR	001100-0480-F	4 mm	10.45	30.35	47.80	79.60	119.35	220.80
	001100-0680-F	6 mm	15.80	45.85	72.15	120.15	180.20	_
	001401-0380-F	3 mm	12.60	36.60	57.60	95.95	143.90	266.25
CRYSTAI CLEAR	001401-0480-F	4 mm	16.75	48.65	76.55	127.50	191.25	353.80
CLLAK	001401-0680-F	6 mm	25.20	73.20	115.20	191.90	287.80	_

10  $\times$  10 and 17  $\times$  20 sheets can be shipped. \*Available as Will Call only. Can be shipped in full case quantities. See volume discounts below.

	TEKTA BY THE CASE							
STYLE NUMBER THICK W X L SHEET/CASE SQ FT/CASE SQ FT PRICE CASE							CASE PRICE	
	001100-0380-F-2424		24 x 24 in	33	132	4.50	594.00	
	001100-0380-F-2448	3 mm	24 x 48 in	66	528	3.75	1980.00	
	001100-0380-F-2472		24 x 72 in	66	792	3.75	2970.00	
	001100-0380-F-4080		40 x 80 in	33	733.3	3.75	2749.88	
~	001100-0480-F-2424		24 x 24 in	25	100	5.97	597.00	
CLEAR	001100-0480-F-2448	4 mm	24 x 48 in	50	400	4.97	1988.00	
O	001100-0480-F-2472		24 x 72 in	50	600	4.97	2982.00	
	001100-0480-F-4080		40 x 80 in	25	555.5	4.97	2760.84	
	001100-0680-F-2424		24 x 24 in	17	68	9.02	613.36	
	001100-0680-F-2448	6 mm	24 x 48 in	33	264	7.51	1982.64	
	001100-0680-F-2472		24 x 72 in	33	396	7.51	2973.96	
	001401-0380-F-2424		24 x 24 in	33	132	7.20	950.40	
	001401-0380-F-2448	3 mm	24 x 48 in	66	528	6.00	3168.00	
	001401-0380-F-2472		24 x 72 in	66	792	6.00	4752.00	
CLEAR	001401-0380-F-4080		40 x 80 in	33	733.3	6.00	4399.80	
CLE	001401-0480-F-2424		24 x 24 in	25	100	9.57	957.00	
AL	001401-0480-F-2448	4 mm	24 x 48 in	50	400	7.97	3188.00	
CRYSTAL	001401-0480-F-2472		24 x 72 in	50	600	7.97	4782.00	
CR	001401-0480-F-4080		40 x 80 in	25	555.5	7.97	4427.34	
	001401-0680-F-2424		24 x 24 in	17	68	14.40	979.20	
	001401-0680-F-2448	6 mm	24 x 48 in	33	264	11.99	3165.36	
	001401-0680-F-2472		24 x 72 in	33	396	11.99	4748.04	

See page 14 and 15 for more details. Price listed reflects volume discount. No further discounts.

	STYLE NUMBER		CONFETTI	-0004-F-0Z04	-0004-F-P001
	SITLE	NUMBER	CONFETTI	4 OZ	1 LB
	000100		Black	23.95	75.15
		000113	White	23.95	75.15
		000114	Cobalt Blue	23.95	75.15
OPAL		000117	Mineral Green	23.95	75.15
ОР		000120	Canary Yellow	23.95	75.15
	000124 000125		Red	23.95	75.15
			Orange	23.95	75.15
		000301	Pink	23.95	75.15
		001108	Aquamarine Blue	23.95	75.15
N.		001112	Aventurine Green	23.95	75.15
AR		001128	Deep Royal Purple	23.95	75.15
NSF		001311	Cranberry Pink	28.80	95.90
TRANSPARENT		001401	Crystal Clear	23.95	75.15
-	001412		Light Aventurine Green	23.95	75.15
NIW WIX	008418-	0004-F-0Z08	MiniMix	8 oz	47.90
₹₹	008418-0004-F-P002		MiniMix	2 lb	150.25

STYLE NUMBER	MORE STRINGER	TUBE
008418-0107-F-TUBE	Mixed colors, 1 mm	22.75
008418-0272-F-TUBE	Mixed colors, 2 mm	22.75
❖ RN0100-0107-F-TUBE	Black dichro stringer, 1 mm	22.75
❖ RN0100-0272-F-TUBE	Black dichro stringer, 2 mm	22.75
❖ RN1101-0107-F-TUBE	Clear dichro stringer, 1 mm	22.75
◆ RN1101-0272-F-TUBE	Clear dichro stringer, 2 mm	22.75

# **DICHROICS**

See our selection of 3 x 3" dichroic glasses at www.bullseyeglass.com/dichroic.

STYLE NUMBER	BILLETS & CULLET	BILLET -0065	CULLET -0066
01122.110111521	DIELETS & COLLET	EACH	40 LB BUCKET
00011	3 White	45.00	_
0001	0 Black	54.25	_
00180	6 Juniper Blue	45.00	266.90
00180	7 Grass Green	45.00	266.90
00180	8 Aqua Blue	45.00	266.90
00181		45.00	_
00182	O Pale Yellow	45.00	266.90
00182	1 Erbium Pink	66.40	393.60
00182	3 Burnt Scarlet Striker	66.40	_
00182	4 Ruby Red Striker	66.40	_
00182	6 Green Tea	45.00	_
00182	7 Light Amber	45.00	_
00182	9 Gray	45.00	_
00183	1 Ruby Pink Striker	66.40	_
00183	4 Coral Orange	54.25	321.45
00183	7 Medium Amber	45.00	_
00183	8 Dark Amber	45.00	_
00184		45.00	266.90
00184	2 Light Neo-Lavender Shift	54.25	321.45
00185		66.40	393.60
00186	4 Gray Blue	45.00	_
00186	7 Olive Smoke	45.00	_
00110	l Clear	35.70	_
00140	1 Crystal Clear	45.00	196.85
00150	1-0066-P-P250 Clear Blowing Cullet	409.55	250 lb barrel

For pricing on quantities of 250 lbs or more, please contact the Bullseye factory (503.232.8887).

SHEET GLASS PRODUCT SPECIFICATIONS					
	THICKNESS	MAXIMUM DIMENSIONS	AVERAGE WEIGHT		
Thin	3/32" (2 mm)	20" x 17" (51 x 43 cm)	2.4 lb (1.1 kg)		
Standard	1/8" (3 mm)	20" x 35"* (51 x 89 cm)	8.0 lb (3.6 kg)		
Thick	1/4" (6 mm)	20" x 35"* (51 x 89 cm)	16.0 lb (7.3 kg)		

<sup>\*</sup>Minimum sheet length 31" (74 cm).

Packing specifications refer to standard thickness (1/8"/3 mm) full sheets. Thin sheet (3/32"/2 mm) and thick sheet (1/4"/6 mm) specifications will vary. Call for details. Clear & Tekta sheets, see pages 14 and 15 for details.

FRIT PRODUCT SPECIFICATIONS					
	GRAIN SIZE	SCREEN RETENTION			
Extra large (-0005) Ranges from (in Clear only) Retained on a 4 mesh screen		Retained on a 4 mesh screen.			
Coarse (-0003)	Ranges from 2.7 to 5.2 mm	Passes through a 4 mesh screen and is retained on an 8 mesh screen.			
Medium (-0002)	Ranges from 1.2 to 2.7 mm	Passes through an 8 mesh screen and is retained on a 16 mesh screen.			
Fine (-0001) Ranges from 0.2 to 1.2 mm		Passes through a 16 mesh screen and is retained on an 80 mesh screen.			
Powder (-0008)	0.2 mm and finer	Passes through an 80 mesh screen.			

STRINGER PRODUCT SPECIFICATIONS						
	DIAMETER	LENGTH	AVERAGE WEIGHT			
1 mm	Ranges from 0.7 to 1.2 mm	17" (432 mm)	6.4 oz (181 g)			
2 mm	Ranges from 1.7 to 2.2 mm	17" (432 mm)	6.4 oz (181 g)			

CONFETTI PRODUCT SPECIFICATIONS
DIMENSIONS
Paper-thin glass shards measure from 1/4" (or less) to 3" at their longest dimension (6 to 76 mm).

ROD PRODUCT SPECIFICATIONS				
DIAMETER LENGTH				
Rod	17" (432 mm)			
7—9 mm Rod (clear only)	5/16" (7.9 mm)	17" (432 mm)		

<b>CULLET PRODUCT SPECIFICATIONS</b>				
CHUNK SIZE	SPECIFIC GRAVITY			
1/2" to 6" (13 to 152 mm)	About 2.5 for most Bullseye glasses			

BILLET PRODUCT SPECIFICATIONS					
APPROX. SIZE APPROX. WEIGHT SPECIFIC GRAVITY					
5" x 10" x 3/4" ea (127 x 254 x 19 mm)	3.5 lb (1.6 kg) ea	About 2.5 for most Bullseye glasses			

SHEET GLASS PACKAGING SPECIFICATIONS								
PACKAGING CS (L X H X W) AVG GROSS WT AVERAGE QUANTITY								
Full Case	40" x 27.5" x 16.5" (102 x 70 x 42 cm)	580 lb (263 kg)	60–66 standard sheets 312 sq ft (29 m²) 515 lb (234 kg)					
Half Case	40" x 27.5" x 11" (102 x 70 x 28 cm)	340 lb (154 kg)	30–37 standard sheets 175 sq ft (16 m²) 288 lb/131 kg)					
Full Sheet 43" x 9" x 29" Box (109 x 23 x 74 cm)		82 lb (37 kg)	8 full sheets 38.9 sq ft (3.6 m²) 62.4 lb/28 kg)					
Half Sheet 25" x 8" x 21" Box (64 x 20 x 53 cm)		38 lb (17 kg)	8 half sheets 18.8 sq ft (1.75 m²) 29 lb/13 kg					
10 X 10 Box	14.5" x 4.5" x 13.5" (37 x 11 x 34 cm)	13 lb (6 kg)	8 pieces 5.5 sq ft (0.5 m²) 9 lb/4 kg					

FRIT PACKAGING SPECIFICATIONS				
PACKAGING WEIGHT				
Clear plastic jars	5 pound (≈2.3 kg)			
Clear plastic jars	1 pound (≈454 g)			
White plastic buckets	40 pound (≈18 kg)			

Specific gravity for most Bullseye glasses is about 2.5.

STRINGER PACKAGING SPECIFICATIONS					
PACKAGING PACKAGE SIZE QUANTITY					
Clear Acrylic Tube	18" x 3/4" diameter (457 x 19 mm)	approx. 140 (1 mm)* approx. 45 (2 mm)			
Box	20" x 3.5" x 3.5" (51 x 9 x 9 cm)	10 lb (4.5 kg) per color			

<sup>\*</sup>Each tube holds stringer sufficient to cover about 1 1/2 sq ft (1393 cm²).

CONFETTI PACKAGING SPECIFICATIONS				
PACKAGING WEIGHT				
Single Color	Clear plastic jar	4 oz (113 g) 1 lb (454 g)		
MiniMix	Clear plastic jar	8 oz (227 g) 2 lb (907 g)		

ROD PACKAGING SPECIFICATIONS					
PACKAGING PACKAGE SIZE QUANTITY					
Carton	31/2" x 31/2" x 18" (9 x 9 x 46 cm)	Sold individually and by the pound.			

CULLET PACKAGING SPECIFICATIONS					
PACKAGING PACKAGE SIZE WEIGHT					
Plastic buckets	40 lb (18.1 kg)				
Fiber drums	250 lb (113.4 kg)				

BILLET PACKAGING SPECIFICATIONS						
PACKAGING PACKAGE SIZE APPROX. WEIGHT QUANTITY						
Вох	11" x 6" x 11" (28 x 15 x 28 cm)	35 lb (15.9 kg) per box 38 lb (17 kg) gross	10 billets			

Use this form to list your items. See the instructions on the following page for placing your order. If you know what you want and need help with the details, just call one of our friendly customer service representatives.

ORDERED BY:			SHIP TO: if different from "Ordered by"					
NAME				NAME				
COMPANY				COMPANY				
STREET ADDRESS				STREET ADDRESS				
CITY	STATE		POSTAL CODE	CITY	STAT	E		POSTAL CODE
COUNTRY				COUNTRY				
TELEPHONE		FAX		TELEPHONE		FAX	(	
EMAIL ADDRESS				EMAIL ADDRESS				
METHOD OF PAYMENT: C	VISA	O MAS	TERCARD O AMERI	CAN EXPRESS O CH	1ECK #			
CARD NUMBER				EXP DATE				
SIGNATURE								DATE
STYLE/ITEM CODE	P/F*	PAGE #	ITEM DESCRIPTION		SIZE	PRICE	QUANTITY	TOTAL
***************************************		(:ILI /e\	.l		•	PRODU	JCT TOTAL	
* For sheet glass choose either stand ** To obtain a shipping total, call, fa	adra (P) or j	w (+) 91012ul	viiere applicable.	Il vou to discuss chipping	4	SHIPPI	NG TOTAL**	
Inquire about our professional, volu	ıme, studer	nt/faculty.	and wholesale discount prod	arams.	<b>,</b> -	ORDER	TOTAL	

### PLACING AN ORDER BY PHONE, FAX OR EMAIL

BULLSEYE RESOURCE CENTER: For orders of fewer than thirty full sheets. Include your name and a daytime phone number and a Bullseye representative will call you to confirm availability and prices.

Toll-free order line: 888.220.3002 • Fax: 503.238.9963

Email: resourcecenter@bullseyeglass.com

Hours: Monday-Friday, 7:00 am-5:00 pm (Pacific time)

BULLSEYE FACTORY: For orders of more than thirty full sheets. Include your name and a daytime phone number and a Bullseye representative will call you to confirm availability and prices.

**Phone:** 503.232.8887 • **Fax:** 503.238.9963

Email: sales@bullseyeglass.com

**Hours:** Monday—Friday, 7:00 am—5:00 pm (Pacific time)

INTERNATIONAL ORDERS: For inquiries, requests, and orders

outside the United States and Canada. **Email:** internationalsales@bullseyeglass.com.

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BULLSEYE DEALERS: We are happy to provide you with the

name of a Bullseye dealer near you. **Phone:** 503.232.8887 • **Fax:** 503.238.9963 **Email:** sales@bullseyeglass.com.

### **SHOPPING IN PERSON**

**BULLSEYE RESOURCE CENTER:** 

Address: 3610 SE 21st Avenue, Portland, OR 97202

**Phone:** 503.227.2797

Hours: Monday-Friday, 10:00 am-6:00 pm;

Saturday, 10:00 am-5:00 pm; Sunday, 12:00 pm-5:00 pm

BULLSEYE FACTORY: Call to learn more about factory

purchasing requirements.

Address: 3722 SE 21st Avenue, Portland, OR 97202

Phone: 503.232.8887

**Hours:** The factory sales department is open by appointment only.

### PRICES AND AVAILABILITY

We have immediate access to the largest selection of Bullseye glass in the world. If we do not have your specified glass in stock, we can usually obtain it within 24–48 hours, or we can often suggest a close substitute from our "curious" stocks, at good savings. Prices, especially for imported products, are subject to change without notice. A representative will call you with all prices including shipping and handling before your order leaves our premises.

### **PAYMENT METHODS**

We accept Visa, MasterCard, American Express and personal and business checks. Credit and COD shipments are available only through the Bullseye factory, not the Resource Center.
Call 503.232.8887 for further information.

### **GIFT CARDS**

What about a gift card for the glass lover in your life? Call toll-free 888.220.3002 to make arrangements.



### **PACKING**

Built to survive travel, our multi-walled cardboard boxes with double layers of interior foam padding are some of the toughest glass packaging you'll find. We have specially designed boxes for shipping sheet glass in most Bullseye sizes. Box fees: for 10 x 10s, \$10.00; for half sheets, \$18.00; for full sheets, \$60.00. (Return for a \$50.00 credit.) Each box can hold eight 3 mm sheets.

Factory sheet glass orders are packed into sturdy wooden crates, then banded together or palletized for safe transport.

### **SHIPPING**

We ship via UPS ground unless otherwise instructed. Most orders will go out within 24–48 hours of receipt. We must have a street address (no PO boxes) for UPS delivery. Larger glass orders are usually shipped via motor freight.

### **RETURNS**

Call us for authorization and instructions before returning merchandise to the Resource Center or factory. A credit will be issued for merchandise returned in good condition within thirty days of purchase. Restocking fees may apply.

### DAMAGED SHIPMENTS

All merchandise is closely inspected prior to shipping. Damage in transit is the responsibility of the carrier.

UPS: If you notice any damage to the exterior of the packaging, note this on the delivery receipt. Save all packaging materials and damaged product and contact us immediately. We will file a claim with UPS on your behalf and replace or credit damaged materials.

Motor freight: inspect all shipments immediately upon receipt. If you notice any external damage to the packaging, do not sign the delivery receipt until you have inspected the goods. If you discover damage upon unpacking the shipment, indicate it on the carrier's delivery receipt, file a claim immediately with the carrier and notify us.

# **GIFT SHIPMENTS**

If your purchase is being sent as a gift, be sure to let us know so we can send your invoice separately.

### **TECHNICAL QUESTIONS**

Our customer service representatives are familiar with basic glassworking methods. However, they are not technicians. If you have technical questions regarding kilnforming or other methods, contact us via email at resourcecenter@bullseyeglass.com or by fax at 503.238.9963. We will forward your inquiry to a technician who will respond within the week.

# WHAT'S NEW FOR 2007

# **OPALESCENT SHEET GLASS** pages 8-9

- Mineral Green (000117)
- Light Cyan (000216)
- Golden Green (000227)
- Burnt Orange (000329)
- Butterscotch (000337)

# TRANSPARENT SHEET GLASS pages 11-13, 16-17

- Fern Green (001207)
- Pine Green (001241)
- Light Turquoise Blue (001416)
- Sea Blue (001444)
- True Blue (001464)

# FRACTURE-STREAMER SHEET GLASS

### page 18

Now available in fusible grade for kilnforming.

# **BILLETS**

- page 23
- Black Opal (000100-0065)
- White Opal (000113-0065)

# **FRITS AND POWDERS** page 25

- Marzipan Striker Opal (000138)
- Cinnabar Opal (000309)
- Petal Pink Opal (000421)
- Carnelian (001321)
- Fuchsia (001332)

### **RODS**

### pages 28-31

- Tomato Red Opal (000024-0576)
- Mineral Green Opal (000117-0576)
- Nougat Opal (000127-0576)
- Light Cyan Opal (000216-0576)
- Golden Green Opal (000227-0576)
- Cinnabar Opal (000309-0576)
- Burnt Orange Opal (000329-0576)
- Butterscotch Opal (000337-0576)
- Clear 7-9 mm (001101-0876)
- Light Fuchsia (001232-0576)
- Pale Steel Blue (001506-0576)
- Pale Sky Blue (001514-0576)
- Pale Emerald (001517-0576)
- Pale Amethyst (001528-0576)

# **PUBLICATIONS** pages 46-49

· Heat Work and Color of Bullseye Glass Chart

· e-merge 2006: A Showcase for Rising Talents in Kiln-Glass

And more



















3610 SE 21st Avenue Portland, OR 97202 USA



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