## BULLSEYE GLASS

FOR ART AND ARCHITECTURE


the little Glass company WITH THE BIG SELECTION
One of the nicest things about being a small factory is that we can respond quickly to your needs. With careful planning and lots of small furnaces, we can switch rapidly from one color to the next and keep most of our glass colors in stock at all times. With only about 80 workers in the factory we can creatively service artists and designers, turning new color ideas into glass in record time. Bullseye's already renowned palette of colors went through a growth spurt this year, including:

> New billet colors
> New opal sheet colors
> New transparent sheet colors
> New streaky sheet mixes
> New iridescent collage sheets
> New stringer colors
> New confetti colors
> New rod colors
> New slumping molds
> New sample sets
> New casting supplies
> New tools
> New exhibition catalogs
> New books
> We hope you find the new choices inspiring.


Cover: Preston Singletary, "Tlingit Storage Chest," 2004. Laminated and sandblasted kilnformed glass. $18 \times 22 \times 14 \mathrm{in}$. Ray Ahlgren's Fire Art studio fabricated the box to Singletary's specifications, using Bullseye casting billets (pages 22-23).

## THINK BIG, THINK SMART, THINK...

I bet you didn't know that wearing a \$149 cabochon of fused dichroic glass - it's called a "Rejuvenizer" - will protect you from bombardment by the electromagnetic fields that block the influx of spiritual energy into your higher chakras. AND it'll cure eczema. AND clear up your cat's asthma.
I stumbled onto a group of kilnformers laughing - I guess that's "lolling" - about this on an internet bulletin board last week. A week later, the group is still wise-cracking about it.
What isn't so funny is that there's been a lot of equally ridiculous nonsense floating around on the internet (and elsewhere) about kiln-glass that isn't inciting broad guffaws and cackles of derision. Stuff like how some glasses have "longer working ranges" than others. And how some glasses get the "jiggly wigglies" when fired.*

What is this stuff? It's called Marketing.
And how does a beginner - although l've seen professionals swallow it too - distinguish between useful technical information and marketing hype?
A good place to start is to ask yourself: "Is this information primarily making a case for why I should buy one glass instead of another, or is this information contributing to my understanding of how to work glass in a kiln?"
We happen to think that Bullseye's best customers are knowledgeable users. Easy for me to say. So how do you get smart?

THINK SMART...THINK FOR YOURSELF
Before you blindly take anyone's advice about COEs or firing schedules or what glass to buy, do some basic research. We believe that Glass Fusing Book One is still the best resource for accurate technical information in our field. Based on the most thorough original research ever done on studio kilnglass, it has stood the test of time amidst the inevitable inaccuracies that accompany the rising popularity of a medium.


Glass Fusing Book One. See page 41.

[^0]

Get the full collection of Tip Sheets, TechNotes and ColorCues in the Bullseye TechBook. See page 41.

For the newest developments in the field, keep up to date with our TipSheets and TechNotes. They're not about why you should buy Bullseye. They're about understanding glassworking process.
For the absolute latest information, watch the Get Smart section of the Bullseye website at: www.bullseyeglass.com/ connection/getsmart/
And fire a lot of glass. Using scrap float glass while you're learning the basics is a good way to save money. Watch what happens to it at different temperatures. Keep good records.
Stay inspired: go to galleries. The Bullseye Connection Gallery shows some of the best kiln-glass in the world. Go to art and craft fairs. SOFA (Sculpture, Object, Functional Art), an art exposition held annually in Chicago, shows the best of the international artists working in this medium. You'll find the finest in giftware and production glass at the ACC shows.

## E-MERGE

Keep an eye on the rising talents. Last year, for the third time, Bullseye co-hosted a competition for "e-merging" stars in kilnglass. We found a lot of that talent on the internet - hence the "e-merge" tag - and a lot of it among students in university glass programs. Many of the entrants had only been kilnforming for a short time, but you can learn a lot from the originality of their individual approaches to both aesthetic and technical challenges.
Pick up a copy of the show catalog (see page 40). Look at the work. Read about why these beginning and intermediate artists do what they do and how they got started in the field. Read the jurors' opinions. Then think about submitting an entry yourself: the next e-merge competition will take place in 2006. To get on the update list, e-mail us at e-merge@bullseyeglass.com.


Catalog for e-merge. See page 40.

## RAMP UP!

If you're already working in glass on a professional or aspiringprofessional level, come to BECon, our biannual kiln-glass conference in July 2005, and learn from the best in the field. Listen to lectures on intermediate and advanced technical topics, on marketing your work, on education. See examples of kilnformed glass that have been selected by the jurors for Corning's annual New Glass Review over the last twenty years.


Glass Doctors provided sound kilnforming advice at BECOn 2003.

Sign up for a studio tour and see how the pros make their own work and how they problem-solve for other artists and architects. Meet master fabricator Ray Ahlgren who works with world-caliber artists like Jun Kaneko, Jessica Loughlin and Preston Singletary (that's Preston's kilnformed box on our cover). Visit partners Mel George and Jeremy Lepisto who balance personal art with architectural commissions with teaching. See what it means to work big at George Batho's studio. And what it means to live kiln-glass at Linda Ethier's.

Ready to move up to the next level?
Go to www.bullseyeglass.com/becon to learn more.

## THINK BULLSEYE

We hope that as you learn more and more about glassworking, you'll recognize that Bullseye makes lots of quality products that are designed for smart users. This catalog is filled with them. And Bullseye, the company, is filled with people committed to helping you use them in successful and professional ways.
We think you'll find it to be a "rejuvenizing" experience. But - sorry - we can't promise help with the EMFs that are messing with your higher chakras.

## Lani McGregor Bullseye Glass Co.



One of Bullseye's founders, Ray Ahlgren now of Fire Art, Inc., works with architectural designer suenn Ho on the "Betweenness" project. (see catalogs on page 40)


Bullseye Glass Co. Factory


Bullseye Resource Center


Bullseye Connection Gallery

## ABOUTBULLSEYE'S CODING SYSTEM

Each Bullseye glass product bears a 4-digit base code, a 2-digit suffix and a final letter code.

## For example: 0100-5IF

THE 4-DIGIT BASE CODE always indicates the base glass color:
oxxx Solid color opal
Ixxx Solid color transparent
2xxx 2-Color streaky
3xxx 3-Color streaky
4xxx Collage glass
6xxx Ring mottle

THE 2-DIGIT SUFFIX in SHEET GLASS indicates surface treatment, texture, and/or thickness:

| -00 | Single-rolled, 3mm |
| :--- | :--- |
| -12 | w/ patterned irid |
| -21 | Soft ripple |
| -22 | Herringbone ripple |
| -25 | Herringbone ripple irid |
| -30 | Double-rolled, 3 mm |
| -31 | w/ rainbow irid |
| -37 | w/ silver irid |
| -38 | w/ gold irid |
| -43 | Reed texture, 3 mm |
| -44 | Reed irid |
| -45 | Accordion texture, 3 mm |
| -46 | Accordion irid |
| -47 | Prismatic texture |
| -48 | Prismatic irid |
| -50 | Thin-rolled, I.6mm |
| -51 | w/ rainbow irid |
| -53 | Thin reed |
| -54 | Thin reed irid |
| -55 | Thin accordion |
| -56 | Thin accordion irid |
| -57 | Thin silver irid |
| -58 | Thin gold irid |
| -60 | Single-rolled, 6 mm |
| -80 | Double-rolled, 4 mm |
| -81 | w/ rainbow irid |
| -83 | Tekta Clear Sheet, 3 mm |
| -86 | Tekta Clear Sheet, 4 mm |
| -89 | Tekta Clear Sheet, 6 mm |
|  |  |

Pictured above: detail from
"Chesapeake Waters II" by Judith Conway, 2004. Fused and cold-worked glass with gold leaf and mica.

THE 2-DIGIT SUFFIX in NON-SHEET
GLASS indicates glass form or shape and its respective packaging:

|  | 2, -03,-08 Fine, medium, coarse frit and powder, respectively, in 5 lb jar |
| :---: | :---: |
| -04 | Confetti, ı lb jar |
| -05 | Streaky Color Stix |
| -07 | Stringer, imm |
| -09 | Sizzle Stix, mixed colors |
| -65 | Billets |
| -66 | Casting $\mathcal{E}$ blowing cullet |
| -71 | Sizzle Stix, rainbow |
| -72 | Stringer, 2mm |
| -76 | Rod |
| -8 | Confetti, 4 oz jar |
| -8 | MiniMix confetti, 8 oz jar |
| -88 | MiniMix confetti, 2 lb jar |
|  | 2, -93,-98 Fine, medium, coarse frit and powder, respectively, in i lb jar |

## THE LETTER CODES

F: often called "Fusible," a glass that has passed factory testing for compatibility in kilnwork. Also called "Tested Compatible" or "Bullseye Compatible"

P: first-quality non-fusible glasses are called "Standard," previously called
"Production." Not recommended for kilnwork.

C: non-fusible, non-standard glasses are graded and marked "Curious." These may not fall within the accepted color range or may have minor flaws. Discounted. Not recommended for kilnwork.

B: fusible-curious glasses. Sometimes called "Furious." Discounted.

## LIMITED AND DISCONTINUED CODES

Some of the style variations represented by the codes are only available on a limited number of glass colors, but may be SPECIAL ORDERED on others if minimum quantities are met.

Codes are periodically discontinued if demand is low or if they are easily substituted with another form.

In 2002 the iridescent styles on singlerolled (-10, -17, -18) were discontinued. Substitutions in the more popular double-rolled -3ı, -37, and -38 are readily available.

ORDER TOLL FREE $\underset{\text { PACIFIC TIME }}{M-F \cdot 8 \mathrm{am}-6 \mathrm{P}^{2}} \mathbf{8 8 . 2 2 0 . 3 0 0 2}$

## 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.

## 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. Whenever practical, catalog illustrations will 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 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.

## 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 $1500^{\circ} \mathrm{F}\left(815^{\circ} \mathrm{C}\right)$ and soaking for 15 minutes before annealing. 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.* 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 their glass to perform as expected under ALL imaginable working conditions.

## ONE GLASS: MANY WAYS

Single-rolled "catspaw" opalescent sheets (-oo): for unparalleled vibrancy in traditional stained glass (see example below). Double-rolled "Bullseye Compatible" ( -30 ) sheets: for fusing with confidence.
Thin glass ( -50 ), frits and powders ( $-01,-02,-03,-08$ ), stringers ( $-07,-72$ ), rod ( -76 ), and confetti $(-04)$ : for the imagination.

READING THE COLOR SWATCHES: For each style, the top row shows the unfired "cold" glass color. The same glass after firing to a full fuse is shown directly below the cold glass. For stained glass, refer to the top row. For kilnformed glass, refer to the bottom row.


Example of single-rolled
"catspaw" sheet. Other samples shown are double-rolled.


NEW 0224 DEEP RED
$30 \quad 50$


0212 OLIVE GREEN
3050 FP/ST/RD


0145 JADE GREEN
$00 \quad 30 \quad 50$ FP/ST/RD


NEW 0024 TOMATO RED
$30 \quad 50$


0124 RED
$00 \quad 30 \quad 50 \mathrm{FP} / \mathrm{CN} / \mathrm{ST} / R D$

Richard Marquis,
"House with Horn," 2004. Hot slab construction, $93 / 4 \times 8 \times 63 / 4 \mathrm{in}$.


0141 FOREST GREEN
3050 FP/ST/RD


NEW 0225 PIMENTO RED
$30 \quad 50$


0125 ORANGE
$00 \quad 30 \quad 50$ FP/CN/ST/RD


0320 MARIGOLD YELLOW
$00 \quad 30 \quad 50$ FP


OI20 CANARY YELLOW
$00 \quad 30 \quad 50 \mathrm{FP} / \mathrm{CN} / \mathrm{ST} / \mathrm{RD}$


OII2 MINT GREEN
$00 \quad 30 \quad 50$ FP/ST/RD


NEW 0025 TANGERINE ORANGE
$30 \quad 50$


0321 PUMPKIN ORANGE 3050 FP/ST/RD


0220 SUNFLOWER YELLOW $00 \quad 30 \quad 50$ FP/ST/RD


0126 SPRING GREEN
$00 \quad 30 \quad 50 \mathrm{FP} / \mathrm{ST} / \mathrm{RD}$


0144 TEAL GREEN
$00 \quad 30 \quad 50$ FP/ST/RD

[^1]

Martin Kremer, "Ellipsis," 2004. Kilnformed glass, $3 \times 33 \times 7 \mathrm{in}$.


OII6 TURQUOISE BLUE
003050 FP/ST/RD


OII4 COBALT BLUE
003050 FP/CN/ST/RD


0303 DUSTY LILAC
$00 \quad 30 \quad 50$ FP/RD


0136 DECO GRAY
$00 \quad 30 \quad 50$ FP/ST/RD


0146 STEEL BLUE
$00 \quad 30 \quad 50$ FP/RD


0147 DEEP COBALT BLUE $00 \quad 30 \quad 50$ FP/ST/RD


0301 PINK
$00 \quad 30 \quad 50 \mathrm{FP} / \mathrm{CN} / \mathrm{ST} / \mathrm{RD}$


0132 DRIFTWOOD GRAY
$00 \quad 30 \quad 50$ FP/RD

For black and white opals,
turn to page 8.

Judi Elliott, "House with Falling Walls," 2003. Kilnformed glass, $161 / 2 \times 141 / 2 \times 3 \mathrm{in}$.


0164 EGYPTIAN BLUE $00 \quad 30 \quad 50$ FP/ST/RD


0 OO8 POWDER BLUE $00 \quad 30 \quad 50$ FP/ST/RD


0305 SALMON PINK
$0030 \quad 50$ FP/RD


0334 GOLD PURPLE
3050 FP/ST/RD


0034 LIGHT PEACH CREAM
$00 \quad 30 \quad 50$ FP/RD


0142 NEO-LAVENDER $00 \quad 30 \quad 50$ FP/ST/RD
 0203 WOODLAND BROWN 3050 FP/RD
BLACKS AND WHITES
Choosing the right black or white glass is not always a black and white decision, with Bullseye's big selection - we make a black or a white for every purpose. Below is a guide.

0313 Dense White. For kilnforming or stained glass. Completely opaque before or after firing, Dense White is a bright white.

0137 French Vanilla. For kilnforming and stained glass. The unfired "cold" sheet is a warm white with amber tones. After firing, it may stay this color or 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!

0113 White. For kilnforming and stained glass. Our classic White transmits light nicely in stained glass applications. After firing, White becomes more opaque but still transmits some light.

0243 Translucent White. For kilnforming. Perfect for fused light shades, 0243 Translucent White fires to an even white but stays more translucent than oll3. 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.

2130 Clear and White Streaky. For kilnforming and stained glass. Layer this misty white over any color to add pale wisps and tones while retaining some transparency.

0143 Lacy White. For stained glass. Choose Lacy White for lots of catspaw pattern and maximum light transmission. Not designed for kilnforming - when fired, the lacy pattern fills in and the glass strikes to an even white with unpredictable density.

OII3 WHITE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/CN/ST


2130 CLEAR $\mathcal{E}$ WHITE STREAKY 0030

0137 FRENCH VANILLA
$00 \quad 30 \quad 50 \mathrm{FP} / \mathrm{ST} / \mathrm{RD}$
OI 43 LACY WHITE
$00 \quad 30 \quad 50$



April surgent,
"Melbourne," 2004. Fused and cold-worked glass, $161 / 8 \times 15 \times 23 / 8 \mathrm{in}$.
oוoו Stiff Black. For roll-ups and kilnforming. Stiff Black sheet glass holds its shape well at blowing temperatures. oוo Stiff Black can also be a good choice for kilnforming - it's not as soft as 0100 Black, and may behave differently than oıoo Black in slumping.
oıoo Black. For kilnforming and stained glass. Opaque and glossy, our classic Black melts beautifully for a uniform surface.

оıоо BLACK
$\begin{array}{lllllll}00 & 12 & 21 & 22 & 25 & 30 & 31\end{array}$
$\begin{array}{llllll}37 & 38 & 43 & 44 & 45 & 46\end{array}$
$\begin{array}{lllllll}47 & 48 & 50 & 51 & 53 & 54 & 55\end{array}$
$\begin{array}{llllll}56 & 57 & 58 & 60 & 80 & 81\end{array}$
FP/CN/ST/RD



оוо STIFF BLACK
3050 FP/RD
These panels were made by fusing thin sheets together, then lathe-cutting through the white to reveal the soft colors beneath.


## MOSAIC GLASS

For a huge selection of art glass colors for mosaics, consider our opals in double-rolled, non-compatible sheets. The opal sheets are flat, with a very slight orange-peel texture and are almost opaque as a result of the double-rolling process.

For a big variety of colors in smaller sizes, try our Mosaic Pack.

Cut these into tiles with the Bohle handheld strip cutter, shown on page 32, or the Portable Workstation, shown on page 33.


Mosaic Pack
Emphasizing bright opals and nature-inspired colors. Streakies, ring mottles and irids may be included for added variety. May include $5^{\prime \prime} \times 10^{\prime \prime}$ pieces.
8363 \$333.50

## GET SMART - GET TO PORTLAND FOR A WORKSHOP

Bullseye Glass Co. is a small company with a big educational mission. To our knowledge, no other art glass manufacturer maintains a full-time Research and Education staff of seven people. We do this to make sure that Bullseye customers have access to tried, tested, and true technical information.
Through the Bullseye Resource Center we offer intensive workshops in beginning to intermediate glassworking methods with a primary focus on kiln-glass and torchwork. Many classes attract students from all over the world. Glass teachers attend our workshops and leave with the most accurate and latest technical information, publications, and educational strategies. Experienced kilnworking students come with questions and learn approaches to problem-solving from our well-trained instructors and teaching assistants. Artists and designers come to participate in workshops with guest artists and instructors and leave inspired.
See our current schedule on our website at www.bullseyeglass.com/connection/getsmart/
For professionals from distant locations who must plan long in advance to come to Portland for a workshop, please contact us for further information at resourcecenterøbullseyeglass.com


Single-rolled (-oo) transparents lend a lively sparkle to leaded glasswork.
Double-rolled ( -30 ) and Thin ( -50 ) sheets allow color mixing in multi-layered fusings.
Frits and powders (-01, -02, -03, -08), stringers ( $-07,-72$ ) and confetti ( -04 ) complete the palette for "painting with light."


NEW 1322 GARNET RED
$\begin{array}{llll}30 & 31 & 50 & 51\end{array}$


1120 YELLOW
$\begin{array}{llllll}00 & 30 & 31 & 50 & 51 & \text { FP/RD }\end{array}$


## 1145 KELLY GREEN

$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/ST/RD


[^2]READING THE COLOR SWATCHES: All samples were photographed with transmitted light. For each style, the top row shows the unfired "cold" glass color in each thickness (thin on the left and 3 mm on the right). The same glass after firing to a full fuse is shown directly below the cold glass (thin on the left and 3 mm on the right). For stained glass, refer to the top row. For kilnformed glass, refer to the bottom row. Fused tiles are about two inches ( 50 mm ) wide at actual size.


1122 RED
$\begin{array}{llllll}00 & 30 & 31 & 50 & 51 & \text { FP/RD }\end{array}$


1426 SPRING GREEN
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


1112 AVENTURINE GREEN
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/CN/ST/RD


1108 AQUAMARINE BLUE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/CN/ST/RD


1125 ORANGE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/RD


1126 CHARTREUSE
$\begin{array}{lllll}30 & 31 & 50 & 51 & \text { FP/RD }\end{array}$


1412 LT. AVENTURINE GREEN
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/CN/ST/RD


1408 LT. AQUAMARINE BLUE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/ST/RD


1215 LIGHT PINK STRIKER $\begin{array}{lllll}30 & 31 & 50 & 51 & \text { FP/RD }\end{array}$


1305 SUNSET CORAL
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


## 1141 OLIVE GREEN

$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD

Carol Yorke, "Ladyslipper," 2002. Kilnformed, blown roll-up, sandblasted and cold-worked glass, $10 \times 5 \times 5 \mathrm{in}$.


I3II CRANBERRY PINK
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/CN/ST/RD


NEW 1320 MARIGOLD YELLOW $\begin{array}{llll}30 & 31 & 50 & 51\end{array}$


1107 LIGHT GREEN
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


[^3]

III6 TURQUOISE BLUE
$00 \quad 30 \quad 31 \quad 50 \quad 51$ FP/ST/RD


1442 NEO-LAVENDER SHIFT**
$\begin{array}{lllll}00 & 30 & 31 & 50 & 5\end{array}$ FP/ST/RD


1406 STEEL BLUE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/ST/RD


1128 DEEP ROYAL PURPLE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
FP/CN/ST/RD


1414 LIGHT SKY BLUE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


1334 GOLD PURPLE
$\begin{array}{lllll}30 & 31 & 50 & 51 & \text { FP/RD }\end{array}$



1114 DEEP ROYAL BLUE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


1105 DEEP PLUM
$\begin{array}{llllll}00 & 30 & 31 & 50 & 51 & F P / R D\end{array}$


1234 VIOLET STRIKER
$\begin{array}{lllll}30 & 31 & 50 & 51 & \text { FP/ST/RD }\end{array}$


III8 MIDNIGHT BLUE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


1405 LIGHT PLUM
$\begin{array}{llllll}00 & 30 & 31 & 50 & 51 & F P / R D\end{array}$


1428 LIGHT VIOLET $\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/RD

Dorothy Hafner, "Color Ways," window installation, 1998. Fused glass panels, brushed aluminum frame, $66 \times 48$ in. (glass panels each $141 / 2 \times 141 / 2 \times 1 / 2 \mathrm{in}$.
Dorothy Hafner, "Color Ways," wall inset, 1999. Fused glass panels, stainless steel, $16 \times 64 \mathrm{in}$. (glass panels each $14 \mathrm{I} / 2 \times 14 \mathrm{I} / 2 \times 1 / 2 \mathrm{in}$.)

## NEUTRALS

Neutral transparent colors offer a restful counterpoint to the intensity of brighter hues. These more subtle colors are easy to live with. Layer with tints for quiet color variations.


NEW 1109 DARK ROSE BROWN $\begin{array}{lllll}30 & 31 & 50 & 51 & \text { ST/RD }\end{array}$


1449 OREGON GRAY
$\begin{array}{llll}30 & 31 & 50 & 51\end{array}$


1409 LIGHT BRONZE
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


1439 KHAKI
$\begin{array}{lllll}30 & 31 & 50 & 51 & \text { FP/RD }\end{array}$


1119 SIENNA
$\begin{array}{llll}30 & 31 & 50 & 51\end{array}$ FP/RD


1129 CHARCOAL GRAY
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


1137 MEDIUM AMBER
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


1429 LIGHT SILVER GRAY
$\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$ FP/ST/RD


1437 LIGHT AMBER
$\begin{array}{llllll}00 & 30 & 31 & 50 & 51 & \text { FP/RD }\end{array}$

SUBTLE AND ELEGANT
Transparent Tints are made from the same formulas as our casting billets. Bullseye tinted sheet glass allows you to control the intensity of the transparent color to a fine degree. In a single thickness, the tinted colors are very pale. As these are layered in multiple thicknesses, the color saturation builds. When you need to send a softer color message, use a tint alone or layered over white glass.


William Zweifel, "Sojourn," 2004. Fused, slumped, sandblasted, and acid-etched glass, mounted on wooden stand. $45 / 8 \times 171 / 2 \times 17 \mathrm{in}$. (including stand)
*The hues of "Shift" colors change depending on the thickness and/or lighting of the piece.


1821 ERBIUM PINK
3060 FP/ST/RD


NEW 1824 RUBY RED, STRIKER 30


NEW 1838 DARK AMBER 30

NEW 183ı RUBY PINK, STRIKER 30

NEW 1823 BURNT SCARLET, STRIKER 30


1834 CORAL ORANGE
3060 FP/ST/RD

1807 GRASS GREEN
3060 FP/ST/RD

1806 JUNIPER BLUE
3060 FP/RD

NEW 1829 GRAY
30

## 7 mm <br> "Tekta 3 mm works well for this five-foot long piece because there is less cutting. With the $72^{\prime \prime}$ long Tekta, you don't have to deal with any seams in the clear layers. These larger sheets enable me to take that next step in terms of size." -JEREMY LEPISTO



Jeremy Lepisto, "In Threes, Span Series," 2004. Kilnformed glass, $53 / 4 \times 63 \times 7 \mathrm{in}$.


Carmen Vetter, Untitled, 2004.
Kilnformed glass, $325 / 8 \times 425 / 8 \times 23 / 8 \mathrm{in}$.


Ted Sawyer, "Lost Encounter," 2004. Kilnformed glass, $12 \times 20 \times 1 / 4 \mathrm{in}$.

Bullseye Tekta is

- trimmed on four sides
- uniform
- clean
- affordable
- Bullseye Compatible
- available in the
following sizes:
$3 \mathrm{~mm}, 4 \mathrm{~mm}, 6 \mathrm{~mm}$
$24^{\prime \prime} \times 24^{\prime \prime}$
$24^{\prime \prime} \times 48^{\prime \prime}$
$24^{\prime \prime} \times 72^{\prime \prime}$
$3 \mathrm{~mm}, 4 \mathrm{~mm}$

$$
40^{\prime \prime} \times 80^{\prime \prime}
$$

Smaller sizes are available via the Bullseye Resource Center. See page 48 for pricing and page 14 for specifications.
Consider the Tekta Pack to try all three thicknesses (shown lower left).

For more Tekta and other clear glass information, turn the page.


Clear $10^{\prime \prime} \times 10^{\prime \prime}$ glass in a thickness for every need: 30 pieces 3 mm , 8 pieces 4 mm , and 4 pieces 6 mm . Trimmed on four sides, uniform, clean, affordable and Bullseye Compatible.
8356 \$367.90
THICKNESS
1.6 mm
3 mm

4 mm

6 mm

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 such a broad range of options in this, your most essential material.

- For traditional or contemporary leaded glass, we recommend a single-rolled (-oo) sheet with the slightly obscure, softly wavy surface.
- For high-quality kilnwork, select the double-rolled ( $-30,-83,-86$ or -89 ) to minimize bubble entrapment.
For delicate kilnwork or precise additions to layered works, choose Bullseye's Thin (-50) sheets.
- For crystal clarity, especially in thicker kilnwork, ${ }^{1401}$ is unrivaled for brightness and purity.


1401-30F, right, for crystal clarity. Tekta Clear, left, for cost savings. slabs are $13 / 4^{\prime \prime}$ thick, fused from 14 layers of 3 mm sheet glass.

BULLSEYE TEKTA

| Style code | тHICK | W $\times$ L | SQ FT•M2/SHT | AVG WT/SHT | SHT/CS | SQ FT•M2/CS | CS (L×H $\times$ W) | WT/CS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1100-83F-24 | 3 mm | $\begin{aligned} & 24 \times 24 \mathrm{in} \\ & 61 \times 61 \mathrm{~cm} \end{aligned}$ | $\begin{gathered} 4 \mathrm{sq} \mathrm{ft} \\ 0.37 \mathrm{~m}^{2} \end{gathered}$ | $\begin{aligned} & 6.4 \mathrm{lb} \\ & 2.9 \mathrm{~kg} \end{aligned}$ | 33 | 132 sq ft $12.3 \mathrm{~m}^{2}$ | $\begin{aligned} & 29 \times 32 \times 9 \mathrm{in} \\ & 74 \times 81 \times 23 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 266 \mathrm{lb} \\ & 121 \mathrm{~kg} \end{aligned}$ |
| 1100-83F-48 | 3 mm | $\begin{aligned} & 24 \times 48 \mathrm{in} \\ & 61 \times 122 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 8 \mathrm{sqft} \\ & 0.74 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 12.8 \mathrm{lb} \\ & 5.8 \mathrm{~kg} \end{aligned}$ | 66 | 528 sq ft <br> $49.1 \mathrm{~m}^{2}$ | $\begin{aligned} & 53 \times 32 \times 16 \text { in } \\ & 135 \times 81 \times 41 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 950 \mathrm{lb} \\ & 431 \mathrm{~kg} \end{aligned}$ |
| 1100-83F-72 | 3 mm | $\begin{aligned} & 24 \times 72 \mathrm{in} \\ & 61 \times 183 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 12 \mathrm{sq} \mathrm{ft} \\ & 1.12 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 19.2 \mathrm{lb} \\ & 8.7 \mathrm{~kg} \end{aligned}$ | 66 | 792 sq ft <br> $73.7 \mathrm{~m}^{2}$ | $\begin{aligned} & 77 \times 32 \times 16 \text { in } \\ & 195 \times 81 \times 41 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 1382 \mathrm{lb} \\ & 627 \mathrm{~kg} \end{aligned}$ |
| 1100-83F-80 | 3 mm | $\begin{aligned} & 40 \times 80 \mathrm{in} \\ & 101 \times 203 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 22 \mathrm{sq} \mathrm{ft} \\ & 2.05 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 35.2 \mathrm{lb} \\ & 16.0 \mathrm{~kg} \end{aligned}$ | 33 | 726 sq ft <br> $67.5 \mathrm{~m}^{2}$ | $\begin{aligned} & 86 \times 48 \times 9 \text { in } \\ & 218 \times 122 \times 23 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 1262 \mathrm{lb} \\ & 572 \mathrm{~kg} \end{aligned}$ |
| 1100-86F-24 | 4 mm | $\begin{aligned} & 24 \times 24 \mathrm{in} \\ & 61 \times 61 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 4 \mathrm{sqft} \\ & 0.37 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 8.5 \mathrm{lb} \\ & 3.9 \mathrm{~kg} \end{aligned}$ | 25 | 100 sq ft <br> $9.3 \mathrm{~m}^{2}$ | $\begin{aligned} & 29 \times 32 \times 9 \text { in } \\ & 74 \times 81 \times 23 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 268 \mathrm{lb} \\ & 122 \mathrm{~kg} \end{aligned}$ |
| 1100-86F-48 | 4 mm | $\begin{aligned} & 24 \times 48 \mathrm{in} \\ & 61 \times 122 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 8 \mathrm{sqft} \\ & 0.74 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 17 \mathrm{lb} \\ & 7.7 \mathrm{~kg} \end{aligned}$ | 50 | 400 sq ft $37.2 \mathrm{~m}^{2}$ | $\begin{aligned} & 53 \times 32 \times 16 \text { in } \\ & 135 \times 81 \times 41 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 957 \mathrm{lb} \\ & 434 \mathrm{~kg} \end{aligned}$ |
| 1100-86F-72 | 4 mm | $\begin{aligned} & 24 \times 72 \mathrm{in} \\ & 61 \times 183 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 12 \mathrm{sq} \mathrm{ft} \\ & 1.12 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 25.6 \mathrm{lb} \\ & 11.6 \mathrm{~kg} \end{aligned}$ | 50 | $\begin{aligned} & 600 \mathrm{sq} \mathrm{ft} \\ & 55.8 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 77 \times 32 \times 16 \text { in } \\ & 195 \times 81 \times 41 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 1393 \mathrm{lb} \\ & 632 \mathrm{~kg} \end{aligned}$ |
| 1100-86F-80 | 4 mm | $\begin{aligned} & 40 \times 80 \mathrm{in} \\ & 101 \times 203 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 22 \mathrm{sq} \mathrm{ft} \\ & 2.05 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 46.9 \mathrm{lb} \\ & 21.3 \mathrm{~kg} \end{aligned}$ | 25 | 550 sq ft $51.2 \mathrm{~m}^{2}$ | $\begin{aligned} & 86 \times 48 \times 9 \text { in } \\ & 218 \times 122 \times 23 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 1272 \mathrm{lb} \\ & 577 \mathrm{~kg} \end{aligned}$ |
| 1100-89F-24 | 6 mm | $\begin{aligned} & 24 \times 24 \mathrm{in} \\ & 61 \times 61 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 4 \mathrm{sqft} \\ & 0.37 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 12.8 \mathrm{lb} \\ & 5.8 \mathrm{~kg} \end{aligned}$ | 17 | $\begin{aligned} & 68 \mathrm{sq} \mathrm{ft} \\ & 6.3 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 29 \times 32 \times 9 \mathrm{in} \\ & 74 \times 81 \times 23 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 273 \mathrm{lb} \\ & 124 \mathrm{~kg} \end{aligned}$ |
| 1100-89F-48 | 6 mm | $\begin{aligned} & 24 \times 48 \mathrm{in} \\ & 61 \times 122 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 8 \mathrm{sqft} \\ & 0.74 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 25.7 \mathrm{lb} \\ & 11.6 \mathrm{~kg} \end{aligned}$ | 33 | $\begin{aligned} & 264 \mathrm{sqft} \\ & 24.6 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 53 \times 32 \times 16 \text { in } \\ & 135 \times 81 \times 41 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 952 \mathrm{lb} \\ & 432 \mathrm{~kg} \end{aligned}$ |
| 1100-89F-72 | 6 mm | $\begin{aligned} & 24 \times 72 \mathrm{in} \\ & 61 \times 183 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 12 \mathrm{sq} \mathrm{ft} \\ & 1.12 \mathrm{~m}^{2} \end{aligned}$ | $\begin{aligned} & 38.5 \mathrm{lb} \\ & 17.5 \mathrm{~kg} \end{aligned}$ | 33 | 396 sq ft $36.8 \mathrm{~m}^{2}$ | $\begin{aligned} & 77 \times 32 \times 16 \text { in } \\ & 195 \times 81 \times 41 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 1386 \mathrm{lb} \\ & 629 \mathrm{~kg} \end{aligned}$ |

BULLSEYE ORIGINAL HANDCAST

| Style code | description | THICK | $W \times L$ (MAX) | Sheet Weicht | \# Sheets/Case | CASE WEIGHT | CASE (L×H $\times$ W) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1101-50 | Thin-rolled | $\begin{aligned} & 3 / 32 \mathrm{in} \\ & 1.6 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 20 \times 17 \mathrm{in} \\ & 51 \times 43 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 2.2 \mathrm{lb} \\ & 1 \mathrm{~kg} \end{aligned}$ | 100 | $\begin{aligned} & 305 \mathrm{lb} \\ & 138 \mathrm{~kg} \end{aligned}$ | $\begin{aligned} & 40 \times 27.5 \times 11 \mathrm{in} \\ & 102 \times 70 \times 28 \mathrm{~cm} \end{aligned}$ |
| 1101-00 | Single-rolled | $\begin{aligned} & 1 / 8 \mathrm{in} \\ & 3 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 20 \times 35 \mathrm{in} \\ & 51 \times 89 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 7.8 \mathrm{lb} \\ & 3.5 \mathrm{~kg} \end{aligned}$ | 66 | $\begin{aligned} & 580 \mathrm{lb} \\ & 264 \mathrm{~kg} \end{aligned}$ | $\begin{aligned} & 40 \times 27.5 \times 16.5 \mathrm{in} \\ & 102 \times 70 \times 42 \mathrm{~cm} \end{aligned}$ |
| 1101-30 | Double-rolled | 1/8 in 3 mm | $\begin{aligned} & 20 \times 35 \mathrm{in} \\ & 51 \times 89 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 7.8 \mathrm{lb} \\ & 3.5 \mathrm{~kg} \end{aligned}$ | 66 | $\begin{aligned} & 580 \mathrm{lb} \\ & 264 \mathrm{~kg} \end{aligned}$ | $\begin{aligned} & 40 \times 27.5 \times 16.5 \mathrm{in} \\ & 102 \times 70 \times 42 \mathrm{~cm} \end{aligned}$ |
| 1101-80 | Double-rolled medium-thick | $\begin{aligned} & 5 / 32 \text { in } \\ & 4 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 20 \times 35 \mathrm{in} \\ & 51 \times 89 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 9.7 \mathrm{lb} \\ & 4.3 \mathrm{~kg} \end{aligned}$ | 50 | $\begin{aligned} & 560 \mathrm{lb} \\ & 254 \mathrm{~kg} \end{aligned}$ | $\begin{aligned} & 40 \times 27.5 \times 16.5 \mathrm{in} \\ & 102 \times 70 \times 42 \mathrm{~cm} \end{aligned}$ |
| 1101-60 | Single-rolled thick | $\begin{aligned} & 1 / 4 \mathrm{in} \\ & 6 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 20 \times 35 \mathrm{in} \\ & 51 \times 89 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 15.6 \mathrm{lb} \\ & 7 \mathrm{~kg} \end{aligned}$ | 39 | 685 lb 311 kg | $\begin{aligned} & 40 \times 27.5 \times 16.5 \mathrm{in} \\ & 102 \times 70 \times 42 \mathrm{~cm} \end{aligned}$ |

BULLSEYE NON-LEAD CRYSTAL CLEAR

| STYLE CODE | description | THICK | W $\times$ L (MAX) | SHEET WEIGHT | \# SHEETS/CASE | CASE WEIGHT | CASE (L×H $\times$ W) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1401-50 | Thin-rolled | $\begin{aligned} & 3 / 32 \mathrm{in} \\ & 1.6 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 20 \times 17 \mathrm{in} \\ & 51 \times 43 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 2.2 \mathrm{lb} \\ & 1 \mathrm{~kg} \end{aligned}$ | 100 | $\begin{aligned} & 305 \mathrm{lb} \\ & 138 \mathrm{~kg} \end{aligned}$ | $\begin{aligned} & 40 \times 27.5 \times 11 \mathrm{in} \\ & 102 \times 70 \times 28 \mathrm{~cm} \end{aligned}$ |
| 1401-00 | Single-rolled | $\begin{aligned} & 1 / 8 \mathrm{in} \\ & 3 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 20 \times 35 \mathrm{in} \\ & 51 \times 89 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 7.8 \mathrm{lb} \\ & 3.5 \mathrm{~kg} \end{aligned}$ | 66 | $\begin{aligned} & 580 \mathrm{lb} \\ & 264 \mathrm{~kg} \end{aligned}$ | $\begin{aligned} & 40 \times 27.5 \times 16.5 \mathrm{in} \\ & 102 \times 70 \times 42 \mathrm{~cm} \end{aligned}$ |
| 1401-30 | Double-rolled | $\begin{aligned} & 1 / 8 \mathrm{in} \\ & 3 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 20 \times 35 \mathrm{in} \\ & 51 \times 89 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 7.8 \mathrm{lb} \\ & 3.5 \mathrm{~kg} \end{aligned}$ | 66 | $\begin{aligned} & 580 \mathrm{lb} \\ & 264 \mathrm{~kg} \end{aligned}$ | $\begin{aligned} & 40 \times 27.5 \times 16.5 \text { in } \\ & 102 \times 70 \times 42 \mathrm{~cm} \end{aligned}$ |
| 1401-60 | Single-rolled thick | $\begin{aligned} & 1 / 4 \mathrm{in} \\ & 6 \mathrm{~mm} \end{aligned}$ | $\begin{aligned} & 20 \times 35 \mathrm{in} \\ & 51 \times 89 \mathrm{~cm} \end{aligned}$ | $\begin{aligned} & 15.6 \mathrm{lb} \\ & 7 \mathrm{~kg} \end{aligned}$ | 39 | 685 lb <br> 311 kg | $\begin{aligned} & 40 \times 27.5 \times 16.5 \text { in } \\ & 102 \times 70 \times 42 \mathrm{~cm} \end{aligned}$ |

All weights and dimensions are approximate. For clear casting glass, iridescents, textures and frits, see table of contents.

## AN IMPRESSIONISTIC ART GLASS

Bullseye's ring mottle glasses are fashioned after those made famous by the studios of Louis Comfort Tiffany. The unique rings of varied opalescence were used in traditional stained glass to simulate dappled sunlight or small blossoms, grapes or cherries in naturalistic scenes on panels or lampshades.
The making of this glass is itself an art form, requiring extreme precision in time and temperature in order to force the formation of the rings. A tour de force of formulation and forming, Bullseye's ring mottles enjoy one more winning characteristic - their exceptional cutability.
Samples shown are approximately $7^{\prime \prime} \times 4^{\prime \prime}$ at full size.
ORDER TOLL FREE



6013-00 White


6212-00 Medium Celery \& Emerald Green


6247-00 Medium Leaf $\varepsilon$ Emerald Green


6323-00 Lemon Yellow, White $\varepsilon$ Gold Pink


6345-00 Light Celery $\varepsilon$ Olive Green w/ Turquoise Streaks


6021-00 Light Celery Green


6218-00 Blue-Gray \& White


6264-00 Robin's Egg
$\varepsilon$ Deep Royal Blue


6328-00 White \& Gold Pink w/ Gold Purple Streaks


6436-00 Light Celery $\mathcal{E}$ Olive Green w/ Turquoise $\mathcal{E}$ Gold Purple Streaks


6207-00 Light Celery $\mathcal{E}$ Lime Green


6231-00 White \& Burgundy Red


6268-oo Robin's Egg $\varepsilon$ Blue-Gray


6336-00 White \& Turquoise w/ Gold Purple Streaks


6446-00 White $\varepsilon$ Turquoise Blue w/ Lime Green $\mathcal{E}$ Gold Pink Streaks


6210-00 White $\mathcal{E}$ Gold Pink


6243-00 Light Celery \& Olive Green


6318-00 White, Blue-Gray $\varepsilon$ Gold Purple


6343-00 White, Olive Green $\varepsilon$ Gold Pink


6467-00 White \& Lime Green w/ Turquoise Blue $\varepsilon$ Gold Pink Streaks
TEXTURES

## RIPPLES



SOFT RIPPLE (-21)
IIOI-21 Clear
0ı00-21 Black


HERRINGBONE RIPPLE (-22)
110I-22 Clear
0100-22 Black

## LINEAR TEXTURES


Bullseye makes five textures. Reed and accordion textures are available in both standard ( 3 mm ) and thin ( 1.6 mm ) variations. All seven options are standard on clear (ıוı) and black (oıo). Other colors may be special ordered. Minimum quantities may apply.

## IRIDESCENTS



RAINBOW (-31, -51, -8ı)


GOLD (-38, -58)


SILVER (-37, -57)


PATTERNED (-12)
Rainbow iridescent, -31 and -5I, is available on clear, black, white and all the transparent colors shown below. Rainbow irid is available in the 4 mm versions of clear and black as -8 . Silver, gold and patterned irid, $-37,-57,-38,-58$, and -12 , are available on clear and black. Other colors may be special ordered. Minimum quantities may apply.


Kurt McVay, "Kabuki Plate," 1996. Kilnformed glass, $10 \times 14 \mathrm{in}$.

## IRID TEXTURES

Bullseye's unique matte iridescent surface is the first choice of kiln-glass designers and artisans. Permanent at full fusing temperatures (approximately $1500^{\circ} \mathrm{F}$ ), it is also food safe for functional tableware.

All four textures shown to the right are regularly available on Black (oıoo) and Clear (ıоו) in Rainbow irid. Other base glass colors and irid coatings by special order only.


HERRINGBONE RIPPLE (-25)
0100-25 Black irid 110I-25 Clear irid


REED (-44, -54)
0100-44 Black irid 3mm 0100-54 Black irid 1.6 mm $1101-44$ Clear irid 3 mm 110I-54 Clear irid 1.6 mm


PRISMATIC (-48)
0ı00-48 Black irid prismatic 1101-48 Clear irid prismatic


ACCORDION $(-46,-56)$
0100-46 Black irid 3 mm
0100-56 Black irid 1.6 mm
1101-46 Clear irid 3 mm
110ı-56 Clear irid 1.6 mm

To jumpstart your ideas for using textures and irids, we put together some tiles in our research and education department. Each tile is made from two 4-inch squares of glass, each 3 mm thick. The bottom piece of glass used for each tile is described here as the "base" glass. The top one is called the "cap."

NEW CLEAR-ON-CLEAR IRIDESCENTS
If you like patterned or textured iridescent glasses, take advantage of our three new clear-on-clear irids. To keep these versatile, we only make these on clear glass. You add the color in the second 3 mm layer. See the usage suggestions to the right for ideas.


| ase 1101-43 | Base 0100-47 |  |
| :---: | :---: | :---: |
| - Cap 1101-43 | - Cap IIOI-47 | - Base IIoI-47 |
|  |  | - Cap IIO-47 |

BUBBLE-TRAPPING: Create an even grid of trapped bubbles by using a base of reeded or prismatic textured glass face-up and a cap of the same texture face down, criss-crossed at a 90 degree angle. These tiles are shown with the fire-polished side up.

CLEAR-ON-CLEAR COLLAGE WITH IRID: Place one of our new iridized clear-on-clear collage glasses, 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.
POWDER-PATTERN: Simply sift a layer of glass powders in a contrasting color over a textured piece of glass. After a full firing, the texture will disappear but the pattern will remain. These tiles were made with powder sifted on the top and are shown with the fire-polished side up.


CLEAR-CAPPED IRIDS: Iridescent textures gain intensity and shine when capped with a piece of 3 mm clear glass. The right-hand tile in the row shows a variation: the base glass is a 3 mm opal capped with an irid texture, with the irid facing down. Tiles are shown with the fire-polished side up.


IRID TEXTURES FACE-DOWN: The base is an iridized texture, placed face down on the kiln shelf. The cap can be any 3 mm compatible glass. These tiles are shown with the fire-polished side down, kiln shelf side up.

## CONSISTENTLY ONE-OF-A-KIND

Bullseye's hand-rolled streakies are controlled for mix consistency while retaining the unique patterning of a true art glass. mix are designated "opal;" other colors are transparent.

## INTRODUCING

One-color streakies.
Plates made from these new glasses are shown on page 19.


NEW 2026-30
Clear, Spring Green Opal, Dbl-rol


2105-00
Blue Opal, Plum


2121-00
Yellow Opal,
Deep Forest Green


2130-00, 2130-30
Clear, White Opal; Sgl-rol or Dbl-rol


2212-30
Olive Green Opal, Forest Green, Dbl-rol


2250-00
Soft Yellow Opal, Deep Red

Color proportions in color mixes are reflected in the sequence of the description, ranging from greatest proportion to least. Opalescent glasses within the


NEW 2020-30
Clear, Sunflower Yellow Opal, Dbl-rol

NEW 2047-30
Clear, Deep Cobalt Blue Opal, Dbl-rol


2108-00
Powder Blue Opal,
Marine Blue


2124-00
Red Opal, White Opal

2137-30
Medium Amber, White Opal, Dbl-rol


NEW 2037-30
Clear, French Vanilla Opal, Dbl-rol


2107-00 White Opal, Light Green


2123-00 White Opal, Orange Opal


## 2302-00

White Opal, Pink Opal


2164-30
Caribbean Blue,
White Opal, Dbl-rol


2304-00
White Opal,
Lavender Blue Opal


NEW 2024-30
Clear, Red Opal, Dbl-rol


NEW 2064-30
Clear, Egyptian Blue Opal, Dbl-rol


2109-00
White Opal, Dark Brown


2128-00
Royal Purple,
Powder Blue Opal


2209-00
Dark Brown, White Opal


2305-00 White Opal,
Salmon Pink Opal


Resource Center staff, streaky plates, 2004.
Kilnformed glass, $ו$ I/2 $\times 8$ I/2 $\times 8$ I/2 in.


3123-00
White Opal, Orange Opal, Deep Forest Green


3334-30
Cranberry Pink, Gold Purple, White, Dbl-rol


3126-30
Cranberry, Royal Blue,
Spring Green, Dbl-rol


3345-30
Cranberry Pink, Emerald Green, White, Dbl-rol


3203-30
Woodland Brown Opal, Ivory, Black, Dbl-rol


3346-30
Cranberry Pink, Azure Blue, White, Dbl-rol


3501-00
White Opal, Deep Forest
Green, Caramel Opal


3126-21
Cranberry, Royal Blue,
Spring Green, Ripple

## SOFT RIPPLES

These gentle, hand-cast ripples lend vibrancy to any stained glass work. As sophisticated as any art glass on the market, they are still easier to cut than most hand-rolled ripples.


3203-21 Woodland Brown Opal, Ivory, Black, Ripple


3334-21
Cranberry Pink, Gold Purple, White, Ripple


2310-00 White Opal,
Cranberry Pink


3026-30
Cranberry Pink, Royal Blue, Spring Grn, White, Dbl-rol


3212-30
Olive Grn Opal, Forest Grn, Deep Brown, Dbl-rol


3445-00
Neo-lavender w/ Purple
Opal, Jade Green Opal \&
Pink Streaks, Green \& Cran
Pink Fractures


3026-21
Cranberry Pink, Royal Blue, Spring Grn, White, Ripple


3345-21
Cranberry Pink, Emerald
Green, White, Ripple


2311-30
Cranberry Pink, White, Dbl-rol


3045-30
Azure Blue Opal, Jade Grn Opal, Neo-Lavender, Dbl-rol


3328-00
White Opal, Deep Royal Purple, Cranberry Pink


3446-00
Neo-Lavender w/ Purple
Opal, Azure Blue Opal, \& Pink Streaks, Cran Pink, White, $\mathcal{E}$ Aqua Fractures


3045-21
Azure Blue Opal, Jade Grn Opal, Neo-Lavender, Ripple


3346-21
Cranberry Pink, Azure
Blue, White, Ripple

## ART GLASS WITH ADORNMENTS

Bullseye's casting team makes collage glasses by arranging pre-formed glass elements - frits, stringers or confetti - onto the metal rolling table. They then ladle clear glass over these elements and roll them into a one-of-a-kind sheet of art glass.

## MARDI GRAS

Mardi Gras sheets combine a colorful sprinkling of frits with glass threads - stringers - that fuse, twist and curve under the force of the molten glass into a lively cascade reminiscent of Carnival or ticker tape parades. Samples shown are about 6 inches wide at actual size.


4200-00
Black Frit, Black Streamers

20


4217-00
Dark Green $\mathcal{E}$ Jade Green Frit, Dark Green Streamers


4224-00
Red Frit, Red Streamers


4211-00
Red, Orange \& Yellow Frit, Orange Streamers


4218-00
Gray \& Black Frit, White
Streamers


4229-00
Gray \& Bronze Frit, Gray $\mathcal{E}$
Vanilla Streamers


4212-00
Dark Green, Spring Green \& Yellow Frit, Spring Green Streamers


4219-00
Cobalt Blue, Gray-Blue $\varepsilon$ Aqua Frit, Blue Streamers


4234-00
Cranberry \& Purple Frit, Cranberry \& Purple Streamers


4215-00
Pink $\mathcal{E}$ Cranberry Frit, Pink Streamers


4220-00
Canary \& Sunflower Yellow Frit, Sunflower Yellow Streamers


## 4237-00

Vanilla $\varepsilon$ White Frit, Vanilla $\mathcal{E}$ White Streamers


4216-00
Royal Blue $\varepsilon$ Turquoise Frit, Cobalt Blue $\varepsilon$ Turquoise Streamers


4223-00
Yellow, Blue $\varepsilon$ Red Frit, Blue Streamers


4242-00
Neo-lavender \& Purple Frit, Cobalt Blue $\varepsilon$ Purple Streamers

## ORDER TOLL FREE

$\underset{\substack{M-F-8 a m-6 p m \\ \text { PACIFIC TIME }}}{\substack{0}}$

## STREAMERS

Streamers begin as straight threads of colored glass (see stringers on page 25). Rolled beneath molten clear glass, the stringers swim into free-form lines within the sheet. Samples shown are about 6 inches wide at actual size.


4100-00 Black

4172-00 Blue \& White



4151-00 Royal Blue


4152-00 Forest Green


4158-00 White


4171-00 Black \& White


4183-00 Pink, Green $\varepsilon$ Blue

## CHOPSTIX

Let the stix fall where they may! Geometric, yet spontaneous, Chopstix feature straight, unwavering stringers that rest in a random criss-cross pattern on a clear base glass. Samples shown are about 8 inches wide at actual size.


4400-30 Black Chopstix


4414-30 Blue Chopstix


4424-30 Red Chopstix


4437-30 White Chopstix

## FRACTURE-STREAMERS

For a dramatic collage of sensuous lines and translucent paper-thin glass shapes, choose Fracture-Streamers. Kilnformers often use sheets of Fracture-Streamer in their fused and slumped projects - however, due to the complexity of the elements within this glass and the impossibility of factory testing each element, Fracture-Streamers are not sold as "Bullseye Compatible" or "F."

Unless otherwise noted in the item description, streamers are black. Samples shown are about $6^{\prime \prime} \times 31 / 2^{\prime \prime}$ at full size.



4110-00 SPRING Blue, Green, Aqua, Pink


4120-00
Light Pink, Blue, White


4010-00 SPRING
Blue, Green, Aqua, Pink


4III-00 AUTUMN Orange, Yellow, Red


4121-00
Light Pink, White


40II-00 AUTUMN Orange, Yellow, Red


4112-00 SUMMER
Green, Yellow


4117-00
Green, White


4122-00
Light Pink, Plum, White


4012-00 SUMMER Green, Yellow


## 4II3-00 WINTER

 White (w/ Clear Strm)

4118-00 White


4128-00
Deep Pink, Plum, Spring Green, Aqua (w/ Pink Strm)


4014-00
Spring Green, Deep Pink

## KILNCASTING IS ON THE RISE

More glassworkers than ever aspire to master the art of kilncast glass. Bullseye has the biggest and best selection of glass for a wide variety of casting methods. At Bullseye, unless otherwise specified, "casting" refers to "kilncasting." We describe the melting of glass in a furnace for subsequent ladling into molds as "furnace casting" or "hot pouring."

## MATERIAL ADVANTAGE

Bullseye glasses cast differently from lead-crystal glasses, requiring different firing schedules and thoughtful attention to mold design and finishing. For casters concerned about the weight, cost, and safety issues of working with lead-crystal, Bullseye can be an excellent choice. It is lighter than leadcrystal. In making cost comparisons, remember that lead-crystal glasses weigh $35-40 \%$ more for the same volume of glass.

## CHOICES

The form of casting glass that you choose will affect the look of your piece. The rule of thumb for clarity is to use the largest and thickest forms of glass. As the glass particle becomes smaller, obscurity increases due to air trapped between the pieces. Castings made with frits tend to be translucent and those made with powder can be opaque.
Glass forms in order of casting clarity from most to least transparent:

$$
\begin{aligned}
& \text { Billet } \\
& \text { Cullet } \\
& \text { Sheet glass } \\
& \text { Coarse frit } \\
& \text { Medium frit } \\
& \text { Fine frit } \\
& \text { Powder }
\end{aligned}
$$

## WHERE'S THE FRIT?

Frit can be used for casting solid or hollow forms. See page 24 for more information.

## SAMPLE SETS

Our set of casting glass samples is shown below. For sheet glass and frit samples, order the Master Kilnforming Sample Set shown on page 52.
"Bullseye's casting billets are easy to quality check, and can be easily cut and stacked into molds. Potential bubbles and veils within the finished casting are greatly reduced - another major advantage to using billets." -richard whiteley

Richard Whiteley, "Vesica," 2004.
Cast glass, $143 / 8 \times 91 / 4 \times 53 / 4 \mathrm{in}$.


## BULLSEYE BOX CASTING

Achieve the optical clarity of hot cast glass without the furnace! Box casting is a relatively simple and 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. This pack contains the essential materials and instructions to create a cast piece $75 / 8 \times 75 / 8 \times 13 / 8 \mathrm{in}$.

Bullseye Box Casting Pack
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 Three Bullseye billets
$8316 \quad \$ 273.50$


## DOUBLE YOUR PALETTE

In response to requests from kilncasting artists, we recently increased your choices by adding eleven more sophisticated, complex billet colors. Easy-to-ship, easy-to-use billets are Bullseye Compatible and are offered in 20 colors and two clears. Each billet is approximately $5^{\prime \prime} \times 10^{\prime \prime} \times 3 / 4^{\prime \prime}$ $(12.5 \times 25 \times 1.9 \mathrm{~cm})$ and weighs about 3.5 lb . ( 1.6 kg ).


NEW 1829-65 GRAY


1859-65 RHUBARB
PINK/GREEN SHIFT*


NEW 1838-65 DARK AMBER


1806-65 JUNIPER BLUE


1834-65 CORAL ORANGE


NEW 1867-65 OLIVE SMOKE


1808-65 AQUA BLUE

The strikers reach their target color after firing and look like this before firing:



NEW 1824-65 RUBY RED STRIKER


1820-65 PALE YELLOW


NEW 1826-65 GREEN TEA


NEW 1818-65 INDIGO


NEW 1831-65 RUBY PINK STRIKER


NEW 1827-65 LIGHT AMBER


1807-65 GRASS GREEN


NEW 1864-65 GRAY BLUE
*The hues of "Shift" colors change depending on the thickness and/or lighting of the casting.
NOTE: For projects where all billets must match exactly we suggest you request glasses produced from the same melt/date.

## ACCESSORY GLASSES AMPLIFY OPTIONS

Accessory glasses - frits, confetti and stringers - were originally designed to augment Bullseye's sheet glass palette. No longer dependent on finding a specific color or pattern within standard factory production, the kilnworker is now able to create virtually any shade or nuance desired. But accessory glasses may also be used separately for casting or torchwork. Whether working in two or three dimensions, accessory glasses allow you to increase options for texture, color, shape, and line.

Bullseye frits are made from crushed, screened and magnetically cleaned Bullseye Compatible sheet glass. Each color is available in three grain sizes plus powder in 80 different colors. That's 320 choices! This wide selection increases exponentially when you blend two or more colors together to get the exact hue and value needed. See pages 6-12 for frit colors. (Please note that frits are not listed for new sheet glass colors - but we are working on these for 2006.) Frits and powders are always sold as compatible (F) and are packaged in widemouth $5-\mathrm{lb}$ or $1-\mathrm{lb}$ jars.
These versatile little grains may be used in applications both two-dimensional and three-dimensional. Examples reflecting a few techniques are shown on this page.

## FRIT SAMPLES


(-02) MEDIUM ranges from 1.2 to 2.7 mm

(-08) POWDER 0.2 mm and finer

samples shown actual size.


Bob Leatherbarrow, "Tension," 2004. Fused, slumped and sandblasted glass, $21 / 2 \times 14 \mathrm{I} / 2 \times 14 \mathrm{I} / 2 \mathrm{in}$.
Leatherbarrow controls how glass powders respond to surface tension during heating.


Rafael Cauduro,
"Man in the Rain," 2002. Kilnformed glass,
$35 \times 20 \times 1 / 8 \mathrm{in}$.
Cauduro manipulated black glass powder on clear sheet glass to make this piece.

Alicia Lomné, "Moth Light," 2004. Pâte de verre, $53 / 4 \times 51 / 8 \mathrm{in}$.

Powders were used for the surface design, with an inner layer made by blending clear and colored fine frits and powders.


[^4] $\underset{\substack{\text { M-F.8CIFIC TIME } \\ \text { PA }}}{\substack{0 \\ 888.220 .3002}}$

Threads of glass pulled from remelted compatible Bullseye sheet, stringers provide linework in 2- and 3-dimensional fused or torchworked projects. Bend them with a candle or use them straight from the tube.

Now available in 24 opal and 33 transparent colors in both imm (-07) and $2 \mathrm{~mm}(-72)$ thickness, stringers are approximately $171 / 2^{\prime \prime}$ long.
Both sizes of stringers are packaged in $18^{\prime \prime}$ long, $3 / 4^{\prime \prime}$ diameter clear plastic tubes. The contents of a tube of 1 mm stringer covers at least 1 sq ft . A tube of 2 mm stringer will cover over $1 / 2 \mathrm{sq} \mathrm{ft}$ (approximately 150 pieces). Tubes are packaged by volume. To equalize pricing, the contents of 1311 Cranberry Pink tubes will contain fewer stringers than tubes of other styles.

Stringers are also available in bulk quantities of io lbs per box.


MIXED STRINGER
8418-07 1mm mixed
8418-72 2 mm mixed


## PAPER-THIN SHARDS OF GLASS

Use confetti as random forms or fuse them over other glasses for shading, hazing or other types of color blending. Confetti are not tested for compatibility in the same manner as Bullseye sheet or frit. Designed to be used in very thin sections; be cautious - and test - if heavily layering confetti in fusing.
Available in 4 -oz and $\mathrm{I}-\mathrm{lb}$ jars.
MiniMix Confetti includes an assortment of tiny-sized colors and comes in an 8-oz jar.
NEW - MiniMix Confetti now also comes in a 2-pound jar.


OPAL CONFETTI

NEW OIOO BLACK


0 OI2O CANARY YELLOW



0113 WHITE


0124 RED


8419 MINIMIX


0114 COBALT BLUE


0125 ORANGE

0117 LEAF GREEN


030I PINK

TRANSPARENT CONFETTI


IIO8 AQUAMARINE BLUE


III2 AVENTURINE GREEN


1128 DEEP ROYAL PURPLE


I3II CRANBERRY PINK


NEW 140 I CRYSTAL CLEAR


1412 LT. AVENTURINE GREEN

Although we make a blowing cullet (\#1501) to fit our line of Bullseye Compatible glasses, in our opinion the most exciting innovation to find its way into the glory hole has been the Australian roll-up. Utilizing fused panels, the roll-up opens the way for kilnformers and cost-conscious small studios to take glass into the round without the costs of running a full hot shop. Developed primarily by Australians Klaus Moje, Scott Chaseling and Kirstie Rea, and adopted by American Steve Klein in his sculptural work, this technique fuses the controlled and versatile methodology of the kiln with the three-dimensional shapes possible only in the glory hole.
For more information, download TipSheet 6: The Amazing Roll-up at www.bullseyeglass.com/connection/getsmart/


1501-66P BLOWING AND HOT CASTING CULLET
A truly "water-white" clear, as bright as crystal without the lead, Bullseye's 1501-66 cullet is sold by the pound in $40-\mathrm{lb}$ buckets and 250-lb barrels. Formulated to be melted in a furnace, not a kiln. While not necessary for the roll-up method, 1501 is recommended for making collars. For sheet glass made from the blowing formula, order 1501-30F.

## OIOI-30 STIFF BLACK

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


Steve Klein, "Seeking Light, Still Life, Black, Vanilla, Green," 2003. Fused and blown glass, $13 \times 18 \mathrm{I} / 2 \times 18 \mathrm{I} / 2 \mathrm{in}$.

Whether you are outfitting a class or expanding your own palette, these cut-piece assortments give you maximum variety at minimal expense.


Painting with Light Pack
Nine I-lb jars of colored powders, three jars of clear frits in fine, medium and coarse grains and an assortment of colored stringers make up the basics of this "Painting with Light" palette. Add four stencils, three sifters, graining comb, GlasTac and our TipSheet on "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:
$12^{\prime \prime} \times 12^{\prime \prime} \times 5^{\prime \prime}$
Shipping weight: 15 lb
$8357 \quad \$ 279.90$
Tools may be ordered separately, shown on page 35.


NEW Glass Sketch Pack
A sgraffito tool, two sifters, black powder (। lb.), black and clear fine frits (ı lb. ea.) and stringers ( $9^{\prime \prime}$ tubes), and Tekta 4 mm clear sheet glass ( 6 pieces, $10^{\prime \prime} \times 10^{\prime \prime}$ ) - nearly all you need to explore the essentials of drawing with glass. Working with a limited range of materials can open up new possibilities. See Rafael Cauduro's piece on page 24 for one example. Shipping dimensions: $8^{\prime \prime} \times 12^{\prime \prime} \times 13^{\prime \prime}$
Shipping weight: 15 lb $8358 \quad \$ 89.75$

The Class, Lamp, Panel, Mosaic, and Tekta Packs each contain about 45 lbs ( 30 sq ft ) of Bullseye glass. Each pack holds approximately 45 pieces ( $10^{\prime \prime} \times 10^{\prime \prime}$ each) OR 38 pieces ( $5^{\prime \prime} \times 10^{\prime \prime}$ ) and 25 pieces ( $10^{\prime \prime} \times 10^{\prime \prime}$ ). All pieces are individually marked for easy reference in the enclosed catalog.
Shipping Dimensions: $13^{\prime \prime} \times 14^{\prime \prime} \times 14^{\prime \prime} \quad$ Shipping Weight: about 50 lb


## Class Pack

The Bullseye Compatible Collection. A colorful assortment of fusible transparents, opals, irids, thins, collage and clear glasses.
8359 \$436.60


## Lamp Pack

A treasure chest for lampmakers or teachers of stained glass: solid and streaky opalescents with the characteristic Bullseye catspaw sparkle, iridescents, ring mottles and fracture-streamers.
$8360 \quad \$ 404.95$


## Panel Pack

A quality assortment of catspaw opals, shimmering iridescents, jewel-tone cathedrals, daring fracturestreamers and subtle handcast textures for that special quality touch in your stained glass project. May include $5^{\prime \prime} \times 10^{\prime \prime}$ pieces.


## Mosaic Pack

Emphasizing bright opals and nature-inspired colors. Streakies, ring mottles and irids may be included for added variety. May include $5^{\prime \prime} \times 10^{\prime \prime}$ pieces. 8363 \$333.50


## NEW Tekta Pack

Clear $10^{\prime \prime} \times 10^{\prime \prime}$ glass in a thickness for every need: 30 pieces 3 mm , 8 pieces 4 mm , and 4 pieces 6 mm . Trimmed on four sides, uniform, clean, affordable and Bullseye Compatible.
8356 \$367.90

## 48 COLORS + 34 NEW COLORS = 82 BULLSEYERODCHOICES

The Bullseye rod production team really geared up this year to offer torchworkers 82 choices in new lustre, striker, transparent and opal styles!
Drawn from compatible Bullseye glass, each rod is approximately $17^{\prime \prime}$ long and $4-6 \mathrm{~mm}$ in diameter.


Beads made from NEW 1701-76 Amber Lustre (left) and NEW 1714-76 Blue Lustre (right). Base colors of 0137-76 French Vanilla or 0212-76 Olive Green were used.

## NEW LUSTRES

These luxurious new rods are blue or colorless in the cold rod, but metallic sheen can be coaxed to the surface in the torch by finishing with a reduction flame. Try the Blue Lustre for surface decoration that looks like polished hematite. More costly (due to the precious metal content), but worth the expense! Find tips on using lustres at www.bullseyeglass.com/torchtips/


Approximately 14 rods per lb (see page 48 for per pound price), $\$ 4.50$ per rod

## NEW TRANSLUCENT

## WHITE

This style, clear in the cold rod, strikes to a translucent white, with a polished quartz quality. Translucent White requires a little extra torch technique to strike. Find tips on using Translucent White at www.bullseyeglass.com/ torchtips/


Beads made from NEW 0243-76 Translucent White

## ROD PRICING

Rods may be purchased by the pound, half pound or individually at $\$ 1.75$ (lustres are $\$ 4.50$ each). Approximately 18-20 rods per pound ( 14 per pound for lustres). See pages 43-48 for per pound pricing. For information on volume discounts, call the Bullseye Resource Center toll-free at 888.220.3002.

## OPAL RODS

0034-76 Lt. Peach Cream 0100-76 Black
NEW 0101-76 Stiff Black 0108-76 Powder Blue 0112-76 Mint Green $0114-76$ Cobalt Blue 0116-76 Turquoise Blue 0120-76 Canary Yellow $0124-76$ Red 0125-76 Orange 0126-76 Spring Green
NEW 0132-76 Driftwood Gray 0136-76 Deco Gray 0137-76 French Vanilla
NEW 0141-76 Dark Forest Green 0142-76 Neo-Lavender 0144-76 Teal Green 0145-76 Jade Green
NEW 0146-76 Steel Blue 0147-76 Deep Cobalt Blue 0164-76 Egyptian Blue
NEW 0203-76 Woodland Brown NEW 0212-76 Olive Green 0220-76 Sunflower Yellow
NEW 0243-76 Translucent White* 0301-76 Pink*
NEW 0303-76 Dusty Lilac 0305-76 Salmon Pink* 0313-76 Dense White
NEW 0321-76 Pumpkin Orange 0334-76 Gold Purple

TRANSPARENT RODS
NEW 1101-76 Clear


NEW 1105-76 Deep Plum
1107-76 Light Green
NEW 1108-76 Aquamarine Blue
NEW 1109-76 Dark Rose Brown
1112-76 Aventurine Green
1114-76 Deep Royal Blue
1116-76 Turquoise Blue
NEW III8-76 Midnight Blue
NEW 1119-76 Sienna
NEW II20-76 Yellow*
NEW $1122-76$ Red*
NEW 1125-76 Orange*
NEW 1126-76 Chartreuse*
1128-76 Deep Royal Purple
NEW 1129-76 Charcoal Gray 1137-76 Medium Amber
NEW 1141-76 Olive Green
NEW 1145-76 Kelly Green
NEW 1215-76 Light Pink, Striker*
NEW 1234-76 Violet, Striker*
NEW 1305-76 Sunset Coral*
1311-76 Cranberry Pink*
NEW 1334-76 Gold Purple*
NEW 1342-76 Cranberry Sapphirine*
1401-76 Crystal Clear
NEW 1405-76 Light Plum
NEW 1406-76 Steel Blue
1408-76 Lt. Aquamarine Blue
1409-76 Light Bronze
1412-76 Lt. Aventurine Green
1414-76 Light Sky Blue
1417-76 Emerald Green
1426-76 Spring Green
1428-76 Light Violet
1429-76 Light Silver Gray
NEW 1437-76 Light Amber
NEW 1439-76 Khaki
1442-76 Neo-Lavender Shift
1806-76 Juniper Blue
1807-76 Grass Green
1808-76 Aqua Blue
NEW 1812-76 Seaweed Aventurine
1820-76 Pale Yellow
1821-76 Erbium Pink
1834-76 Coral Orange
1841-76 Spruce Green
1842-76 Lt. Neo-Lavender Shift
1859-76 Rhubarb Pk/Grn Shift

SOME NOTEWORTHY NEW RODS
While all the new rod colors provide myriad options for the artist, we find these especially interesting!

The white core used for these beads is 0313-76 Dense White.


NEW 0212-76 Olive Green Dreamy-a relaxing muted green.


NEW II20-76 Yellow
Pale, transparent yellow in the cold rod. Strikes bright yellow with a tendency to opalize if it is worked long or hot in the flame.


NEW 1126-76 Chartreuse
As a cold rod, appears pale light green. Strikes to a variety of greens ranging from pale to chardonnay bottle.


NEW oıoI-76 Stiff Black A good choice for crisp surface design elements.


NEW 0321-76 Pumpkin Orange Strikes to a delicious squash color.


## NEW 1125-76 Orange

Palest amber in the cold rod, sometimes with an orange streak, prone to opalize, but it's a nice juicy orange to orange-red opal.


NEW 1234-76 Violet Striker As a cold rod, it looks light blue. Strike it to a vibrant purple in the flame.


Hot Rodz Starter Pack
A 5-lb package containing an excellent assortment of opalescent and transparent rods in $17^{\prime \prime}$ lengths, and two dichroic Sizzle Stix in 3 mm and 6 mm widths ( $15^{\prime \prime}-16^{\prime \prime}$ lengths).
8507 \$137.60


Hot Bitz Sampler Pack An introductory package containing 30 of our most popular opal and transparent rods as well as samples of Sizzle Stix, stringer, frit and confetti.
$8500 \quad \$ 65.55$

## NEW Studio Rodz Pack

(not shown) An ample sampling of most Bullseye rods. 1/3 pound of all standard rod colors plus a full pound of Stiff Black (0ı01-76), French Vanilla (0137-76), and Clear (1101-76). Does not include 0100-76, 1701-76 or 1714-76.

- 8506 \$327.00

TORCHWORKING JOINS KILNWORKING
Combine torchworked elements with your kilnglass projects. We teach you how in the Bullseye Resource Center class set your Kiln on Fire. Students learn to make design elements in the
 torch, experimenting with pattern and figurative designs. These are worked into a variety of finished pieces including a plate. For more information, see the class schedule at www.bullseyeglass.com/connection/ getsmart/


## Rod Sample Set

This 2-page, easy reference chart features Bullseye's ful line of 82 rods for flame or kilnwork plus 4 samples of dichroic Sizzle Stix (each 1" long) and one sample each of 1 mm and 2 mm stringers. For more sample set information, see page 52.
8130 \$25.00

## STREAKY COLOR STIX

Cut from 3mm sheet glass, approximately 6 mm wide ( $1 / 4^{\prime \prime}$ ) and approximately $171 / 2^{\prime \prime}$ long.


2137-05 Medium Amber, White Opal

2164-05 Caribbean Blue, White Opal

23II-05 Cranberry Pink, White Opal

3334-05 Cranberry Pink, Gold Purple, White

Streaky Color Stix $\$ \mathbf{2 2 . 0 5}$ for tube of 7

These beads were made with Streaky Color Stix.

## SIZZLE STIX

Strips of dichroic glass cut from thin ( 1.6 mm ) Bullseye Compatible clear and black glass, pre-fired to round the edges and minimize thermal shock in the flame. Sizzle Stix are $16^{\prime \prime}$ long.

$\square$| $0100-09 F-60$ | Wide Black Mixed Dichroic •12/tube |
| ---: | :--- | :--- |
| $1101-09 F-60$ | Wide Clear Mixed Dichroic $\cdot 12 /$ tube |
| $0100-09 F-30$ | Narrow Black Mixed Dichroic $\cdot 18 /$ tube |
| $1101-09 F-30$ | Narrow Clear Mixed Dichroic •18/tube |

Wide Sizzle Stix $1 / 4^{\prime \prime}(6 \mathrm{~mm})$ wide Mixed $\quad \$ 13.60$ each * $\quad \$ 162.60$ for tube of 12 Rainbow $\$ 13.60$ each $\$ 162.60$ for tube of 12
Narrow Sizzle Stix $1 / 8^{\prime \prime}$ ( 3 mm ) wide
Mixed $\quad \$ 9.10$ each * $\$ 162.60$ for tube of 18 Rainbow \$9.10 each * $\$ 162.60$ for tube of 18

0ו00-7IF-60 Wide Black Rainbow Dichroic • 12/tube
IIOI-7IF-60 Wide Clear Rainbow Dichroic • 12 /tube

0100-7IF-30 Narrow Black Rainbow Dichroic • $18 /$ tube
וIOI-7IF-30 Narrow Clear Rainbow Dichroic • I8/tube

TOOL TALK
Glass is only one part of the glassworking equation. Good tools and supplies are the other. Frequently the kiln - or the shelf, or the fiber paper, or the shelf primer - has as much to do with technical competency as the glass. So in the interests of your success - and ours - Bullseye handles a limited line of glass-working tools and supplies.
Our selection is not broad. We try to only handle the best. We follow the professionals' recommendations with rigorous in-house testing and regular usage. We do not simply rewrite a manufacturer's marketing blurb. Tools must work for us before we recommend them to you. We'd like them to last you forever (the tools, anyway, not the supplies) and give you no problems.


## Kiln Brix $\mathcal{\varepsilon}$ 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.

8890 Hot Damz $\$ 8.00$
$6^{\prime \prime} \times 2^{\prime \prime} \times 1 / 2^{\prime \prime}$
8891 Hot Damz \$9.95
$8^{\prime \prime} \times 2^{\prime \prime} \times 1 / 2^{\prime \prime}$
8892 Hot Damz \$12.40
$10^{\prime \prime} \times 2^{\prime \prime} \times 1 / 2^{\prime \prime}$


## GlasTac

Hold glass pieces in place prior to firing. Slow drying allows readjustments as you work. Organic colorant lets you see where you've put it on clear glass (but burns out in the kiln). Handy 4 fl oz applicator bottle.

## 8234 \$5.70

For refills try the 32 fl oz bottle.
$8232 \quad \$ 23.90$
A Glassworking
System

NOTE: Tolerance on Brix dimensions is $1 / 8^{\prime \prime}$
HOW TO: To learn how to create multi-layered imagery in thick kiln-formed blocks, download TipSheet 3: Working Deep at www.bullseyeglass.com/connection/getsmart/


## Vermiculite Board

A high density vermiculite board that can withstand temperatures up to $2012^{\circ} \mathrm{F}\left(1100^{\circ} \mathrm{C}\right)$. This board is stronger than most fiber board and can be cut and tooled just like wood. While it is certified asbestos-free, please use a NIOSH approved respirator when cutting or creating dust. Pre-fire to $1580^{\circ} \mathrm{F}\left(860^{\circ} \mathrm{C}\right)$ for $\mathrm{I} / 2$ hour before initial use.

Dimensions: $1^{\prime \prime} \times 24^{\prime \prime} \times 36^{\prime \prime}(2.5 \times 61 \times 100 \mathrm{~cm})$
Est. weight: 19 lbs.
\& $8240 \quad \$ 31.50$

## NEW Vermiculite Box

(not shown) Precut, reusable vermiculite boards for building a casting box that can be used to create a cast glass piece that is $75 / 8 \times 75 / 8 \times 13 / 8$ inches.

## \& 8241 \$31.20

8896 Kiln Brix $\$ 8.55$
$9^{\prime \prime} \times 21 / 4^{\prime \prime} \times 21 / 2^{\prime \prime}$
8897 Kiln Brix $\quad \$ 5.60$ $41 / 2^{\prime \prime} \times 21 / 4^{\prime \prime} \times 21 / 2^{\prime \prime}$

8898 Kiln Brix $\$ 4.10$
$41 / 2^{\prime \prime} \times 11 / 8^{\prime \prime} \times 21 / 2^{\prime \prime}$

## Bullseye Shelf Primer

New improved bucket with easy-to-remove lid contains Bullseye's popular formula. Each batch is kiln-tested to ensure consistency from run to run. Illustrated instructions discuss application, drying, mixing, precautions and storage. One 5-lb bucket will coat about $150,20^{\prime \prime} \times 20^{\prime \prime}$ shelves.

| 8220 | 5 lbs | $\$ 26.50$ |
| :--- | ---: | ---: |
| 8222 | 40 lbs | $\$ 153.20$ |



## ThinFire Shelf Paper

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. Available three ways:


## NEW BOX CASTING REFILL SUPPLIES

Best used to create open face castings with the assembled mold techniques described in TipSheet 5 .


## NEW 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 5 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.

| 8242 | 1.5 lbs | $\$ 22.60$ |
| ---: | ---: | ---: |
| $\$ 8243$ | 12.5 lbs | $\$ 113.40$ |



Didymium Safety Glasses
Protect your eyes at the torch. Didymium filters the damaging sodium flare associated with flameworking a soft glass such as Bullseye.
*TS0073 \$42.80


Didymium Oversize Safety Glasses
Wear these over your prescription glasses.

* TSol76 $\$ 64.20$



AUR 92 Safety Glasses
Blocks more of the sodium flare for better viewing of glass in the flame.
\& TS0074 \$52.45


AUR 92 Oversize Safety Glasses
Wear these over your prescription glasses. *TS0075 $\quad \$ 74.20$
"High-style" Uvex Safety Glasses
Essential for cutting, grinding, sifting in the glass studio. Nerd-guard wraparound frames for added protection from flying bits.
*TS0033 \$8.00

## AN OUNCE OF PREVENTION

The glass studio is a dreamland 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.


## Disposable Particulate Respirator ( $\mathrm{N} ı 00$ )

$99.7 \%$ filter efficiency. Cool Flow ${ }^{\text {TM }}$ valve for cool, dry comfort, easy exhalation. Ideal for working with lead and arsenic or cadmium bearing materials. NIOSH approved.

* TS826I \$11.25 ea


Heat Protective Kevlar Gloves 35 oz Zetex Plus ${ }^{\text {TM }}$ treated fiberglass. $23^{\prime \prime}$ 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 $2000^{\circ} \mathrm{F}$.
*TS8265 \$76.00


Zetex Cover Mitts 9 " closed top cover to protect $23^{\prime \prime}$ gloves. Saves wear. More economical to replace.

* TS8266 \$27.85



## Duster Brush

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

- TSol68 \$12.80

22 oz Kevlar Terry Protective Gloves
For working temps up to $600^{\circ} \mathrm{F}$.
Perfect for removing hot shelves from
kilns. $12^{\prime \prime}$ long.

* TS8267 \$53.50


## CUTTING AND FINISHING: THE BASICS

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 glassworking skill set. Make it easy with good tools and good technique. For cutting tips, go to www.bullseyeglass.com/ connection/getsmart/ and click on Improve Your Glass Cutting.

Toyo Self-Oiling Cutter
Our most popular cutter at a great price. Random colors. For the rainbow assortment, order six!

* TS0010 each \$22.50

Toyo cutters, set of six

* TSooll $\$ 129.50$

Replacement cutter head for Toyo
(not shown)

* TS0034 $\$ 19.30$


Silberschnitt Self-Oiling Cutter High quality carbide wheel, transparent oil tank, heavy-duty brass grip piece. Plus, the black plastic upper grip works as a fulcrum for breaking long cuts or pressing down lead flanges. A versatile and well-made cutter at a great price.

* TSOI55 $\$ 44.10$

Replacement head for Silberschnitt Self-Oiling Cutter
(not shown)

* TSOI55A \$24.70

Silberschnitt 2000 Cutter for Thin Glass
Smooth-running, extremely light ( 25 grams), comfortable pencil-slim handle. Wheel angle is just right for thinner glass. (Be sure to use with lubricant.) *TSO156 \$24.35

Toyo Pistol-Grip Cutter Exceptionally comfortable grip. - TS0026 \$37.45

Silberschnitt Cutting Fluid
( 1.7 fl oz )
Penetrates quickly
into the score, binds annoying glass particles, promotes a clean break, helps assure a smooth run and long life of the wheel.

* TSol57 $\$ 5.20$

Order the 1000 ml size for refilling the smaller applicator bottle. * TSO136 \$22.15


Studio Circle Cutter w/Ball Bearing Head
Top quality by Silberschnitt. For circles up to $24^{\prime \prime}$. Trailing ball bearing cutting head for improved quality and less cutting pressure. Grooved measurements on bar are permanent and easy to read.
*TSO16I $\$ 93.25$
Replacement circle cutter head with ball handle (not shown)

* TSO16IA $\$ 73.60$

Replacement circle cutter head only (not shown)
Also fits the Professional Circle Cutter.

## * TSol6IB \$25.15

Silberschnitt Professional Circle Cutter
If you do production dinnerware, you'll wonder why you didn't find this cutter sooner. For circles up to $23^{\prime \prime}$. Ball bearing tracking head insures peak performance. Mount to cutting table or base plate.

- TSOI58
\$397.55


Silberschnitt Repetitive Small Circle Cutter
Cut circles from less than $1 / 2^{\prime \prime}$ to $71 / 2^{\prime \prime}$ diameter easily, accurately, quickly. Comes with a special $155^{\circ}$ cutting head for selfopening scores. Sturdy construction, built for production.

* TSOI59 \$364.50

Silberschnitt $155^{\circ}$ cutter head for circle cutter (not shown)

* TSO209 $\$ 25.15$



## FORMING GLASS IN THE FLAME

Working Bullseye in the torch 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. Sign up for our class Set Your Kiln on Fire or experiment on your own. The basic tools we offer will get you started. Satisfaction will keep you going.


NEW Marble Mold
This 6-in-one marble mold is a graphite paddle with six half-spheres machined into it. Three on one side and three on the other. $3 / 8^{\prime \prime}, 1 / 2^{\prime \prime}, 5 / 8^{\prime \prime}$, $3 / 4^{\prime \prime}, 7 / 8^{\prime \prime}$, and $1^{\prime \prime}$

* TS0213 \$32.00

Graphite Paddle 2" $\times 3^{\prime \prime}$ Smooth, high quality, with a high temperature rubber coated handle. A basic shaping tool for flameworking.

* TS0076 \$16.05

Tweezer Mashers
3/4 inch square mashing surfaces are great to flatten/shape small beads.

* TSO2O5 \$12.85


Parallel Flatteners w/Spacer
For making beads with flattened surfaces.
One and a half inch square mashing plates.
$12^{\prime \prime}$ long, adjustable screw to set thickness.

* TS0093 \$42.80


Tweezers, Serrated Tip, 8" Indispensable tool for flameworkers. Serrated tip ensures good grip.
*TSO21I $\$ 4.30$


Tweezers, Pointed, 7"
Manipulate glass on a small scale. Good for delicate work with subtle tool marks.

* TSO212 $\$ 4.30$


Graphite Stump Shaper Designed for Loren Stump. Several angles to marver with, a great tool for sculptural or murrine work.
$2^{\prime \prime} \times 2$ 3/8"

- TS0206 \$32.10


## Graphite Pad



An excellent pickup surface for frit or foils. Use it as another marvering surface. $6^{\prime \prime} \times 6^{\prime \prime}$

- TSO201 \$17.15 ridges diagonally to create spiral grooves, or straight across for straight ones.
$2^{\prime \prime} \times 4^{\prime \prime}$
*TS0202 \$5.90


Top Mount Graphite Marver For hands-free shaping. Surface mounted to the top of the minor burner. Comes with all mounting hardware. Doesn't fit major burner.

* TS0200 \$27.85


Shurlite Three Flint Striker
Flint makes spark, spark ignites torch. Rotate head for new flint. Safe. Quick.

- TSO227 \$3.75 minor bench burner, for beadmaking. Lower is the major burner, for larger work. * TSOII9 \$426.95


Groovy Aluminum Marver Roll a warm bead across the


Diamond Bead Reamer Set Excellent design from Eurotool. Great for cleaning bead release and dressing bead holes. The 3 diamondcoated bits fit into the pin vise and can be stored in the handle.

* TSO133 \$15.00


## Stainless Steel Mandrels

Mandrel diameter determines the size of the bead hole.


## Sludge Plus

Our favorite bead release. Good holding power in the flame, but easy release once cooled.

* TS0087 $\$ 7.50$



## Tungsten Probes

Pointed rods, approximately $51 / 2$ inches long, with wood handle. Good for raking and induced bubble techniques. Tungsten won't
stick to glass unless both are hot.
Small, $1 / 16^{\prime \prime}$
*TSO197 \$9.00
Medium, 3/32"
*TSO198 $\$ 10.00$
Large, $1 / 8^{\prime \prime}$
*TSol99 \$12.00


* Item available only through the bullseye connection


Heavy Duty Scraper $4^{\prime \prime}$ blade is ideal for removing old shelf primer.

* TSO169 $\$ 20.55$

Spare blades pack of 10

* TSol69A \$10.75



## Painting with Light Tool Kit

4 stencils, 3 sifters, graining comb,
GlasTac - the tools for designing your own art glass!
$8362 \quad \$ 47.75$


## Polarizing Film

Test for compatibility or annealing stress using the methods described in Glass Fusing Book One.
$81 / 4^{\prime \prime} \times 113 / 4^{\prime \prime}$

* TS8270 \$12.35 per sheet
$81 / 4^{\prime \prime} \times 53 / 4^{\prime \prime}$
* TS8271 \$6.20 per sheet



## Haik Brush

This soft, wide ( $5 \mathrm{l} / 2^{\prime \prime}$ ) brush is one of the best tools for applying shelf primer quickly and easily to your mold or kiln shelf.

* TSo014 \$6.70

THE WELL-STOCKED STUDIO
Kiln-glass requires more than glass and a kiln. The right tools and supplies are essential.

## 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

## 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.

## Triangular, I"

* TS8888 \$1.45

Triangular, $\mathbf{2}^{\prime \prime}$

- TS8889 \$1.85

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.
$1 / 16^{\prime \prime}$ thin $\times 24^{\prime \prime}$ wide
*TSo037 \$3.75 per linear foot
$1 / 8^{\prime \prime}$ thick x $24^{\prime \prime}$ wide
* TS0036 \$6.15 per linear foot

Brock Craig, "Bowl I," 2004. Fused, slumped, and sandblasted glass with metal foil, $5 \times 17 \times 17 \mathrm{in}$.

## Metal Foils

Add decorative elements to the surface or interior of your fused works. We asked respected teacher and Foil-King, Brock Craig, about what qualities he looks for in a foil, took his word and found these. He was right. His work shows it.


Gold foil, $8^{\prime \prime} \times 8^{\prime \prime} \times .68$ microns
TSO218 $\$ 30.00$
Silver foil, $9.5^{\prime \prime} \times 9.5^{\prime \prime} \times 2.0$ microns
*TSO217 \$4.15
Copper foil, boxed roll $I^{\prime} \times 64^{\prime} \times 25.4$ microns
$8251 \quad \$ 102.90$
Copper foil, , to $10 \mathrm{sq} \mathrm{ft} \times 25.4$ microns

* TS8252 $\$ 3.95 / \mathrm{sq} \mathrm{ft}$

Copper foil, II to $49 \mathrm{sq} \mathrm{ft} \times 25.4$ microns * TS8253 \$2.25/sq ft

## 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 mis-positioned glass piece. Virtually surgical.


Dykem Brite-Mark White High-temp 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 - stays on even at full fusing temperatures.
Large Suction Lifter $80 \mathrm{~mm}\left(31 / 4^{\prime \prime}\right)$ diameter * TSol95 \$14.70

Small Suction Lifter 50 mm (2") diameter *TSolg6 \$16.10


Marker, wide
*TSO214 $\$ 4.05$

> Marker, narrow TS0216 $\$ 4.05$

WORK HORSES ROAD-TESTED BY BULLS
We feel 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: 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.


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

A Vitrigraph Pot
Made especially to fit in the Vitrigraph. $41 / 2^{\prime \prime}$ tall by $51 / 2^{\prime \prime}$ diameter. * 8828 \$8.95

B Pot Supports
This kiln furniture is cut to fit within the walls of the Vitrigraph, allowing air to circulate around the pot while leaving the hole free for the glass to flow. $2^{\prime \prime} \times 27 / 8^{\prime \prime} \times 1 / 2^{\prime \prime}$ ea. 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. Round hole is $21 / 2^{\prime \prime}$. $111 / 2^{\prime \prime}$ square $\times 1^{\prime \prime}$ - $8827 \quad \$ 7.90$

Vitrigraph: Add one pot, one vermiculite board with a center hole, plus four pot supports and you can turn your Caldera into a Vitrigraph! The Vitrigraph, developed in our research studio by Rudi Gritsch, allows the glassworker to create bold, lively, calligraphic lines for use in fusing. For details on using the Vitrigraph, go to our web page, www.bullseyeglass.com/ connection/getsmart/ and click on TechNotes 2: The Vitrigraph Kiln for instructions.


## Caldera Bead Collar

Add a Bead Collar from Paragon Kilns to your Caldera for annealing lampworked beads. The Bead Collar has a hinged door and adds $41 / 2^{\prime \prime}$ of height to the kiln. $13^{\prime \prime} \times 13^{\prime \prime} \times 41 / 2^{\prime \prime}$. Hinged door is $71 / 2^{\prime \prime}$ wide $\times 21 / 4^{\prime \prime}$ high.
\& $8824 \$ 100.00$


GL24ADTSD: We've used the Paragon GL24 for years. It's versatile enough for a broad variety of projects: flat fusings, slumpings, small-to-mid-size castings and pâte de verre work. It's got loads of power for quick heating.
We have over twenty GL24s at Bullseye between our R and E studio, employee studio, and the Resource Center. 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, fully programmable controller and includes the upgrades of a fiber roof and mercury relays for troublefree firing.


TnF-J-14: If you just don't have the electrical for a 240 v kiln yet, the Paragon TnF-J-14-ו will get you started on I2ov.

| MODEL | ITEM <br> CODE | PRICE | INTERIOR (INCHES) <br> $H \times W \times D$ | EXTERIOR (INCHES) <br> $H \times W \times D$ | ELECTRICAL <br> REQUIREMENTS | POWER <br> CONSUMPTION | WEIGHT |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GL24ADTSD | 8813 | $\$ 2495.00$ | $15 \times 24 \times 22.5$ | $29.5 \times 40.5 \times 32$ | $240 \mathrm{~V} / 1 \varnothing / 45 \mathrm{~A}$ | 10.8 KW | 397 lb |
| W/Fiber Roof E Mercury Relays |  |  |  |  |  |  |  |

[^5]PRODUCTION QUALITY SLUMPING MOLDS
These are simply the finest slumping molds we have ever found on the commercial market. When we could find nothing comparable in the United States we began to import them from Creative Ceramics in Europe. 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.
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.

To prepare molds for slumping, see instructions titled Mold Preparation under "Other TechKnow" at www.bullseyeglass.com/ connection/getsmart/


8633 DROP OUT RING $\$ 18.25$
$71 / 4$ in diameter inside $31 / 8$ in

8632 DROP OUT RING \$22.75
$91 / 8$ in diameter
inside 5 in
8631 DROP OUT RING $\$ 27.05$
10 3/4 in diameter inside 6 3/4 in


8955 ELLIPSE DROP OUT \$76.45 $181 / 8 \times 111 / 8$ in inside $135 / 8 \times 63 / 4 \mathrm{in}$


8956 RECTANGULAR DROP OUT $\$ 64.30$ $121 / 4 \times 101 / 8$ in
inside $71 / 4 \times 51 / 8 \mathrm{in}$
NEW 8923 RECTANGULAR DROP OUT $\$ 61.10$
$161 / 8 \times 91 / 4 \times 1$ in
inside $11 \times 41 / 8$ in


8957 SQUARE DROP OUT $\$ 63.20$
$101 / 8$ in sq
inside 5 5/8 in sq


8958 SQUARE CIRCLE DROP OUT $\$ 63.20$ $101 / 4$ in sq inside 5 5/8 in

8982 VERY GENTLE CURVE $\$ 115.45$ 18 in sq

$161 / 2 \times 131 / 2 \times 2$ in
(\$3643 DOUBLE CURVE

| 8636 SQUARE SLUMPER | $\$ 17.25$ |
| ---: | ---: |
| $45 / 8 \mathrm{sq} \times 1 \mathrm{in}$ |  |
| 8635 SQUARE SLUMPER | $\$ 31.60$ |
| $87 / 8 \mathrm{sq} \times 11 / 2 \mathrm{in}$ |  | $16 \mathrm{sq} \times 3$ in


SIMPLE CURVE $\$ 10.90$
$33 / 8$ in sq $\times 5 / 8$ in

8647 SQUARE BOWL
SIMPLE CURVE \$69.45
$123 / 8$ in sq $\times 25 / 8$ in

8638 SQUARE PLATTER
$97 / 8$ in sq
inside $51 / 8$ in sq $\times 5 / 8$ in
8641 SQUARE PLATTER \$52.00
$123 / 8$ in sq
inside $61 / 4$ in $s q \times 5 / 8$ in
8646 SQUARE PLATTER $\$ 70.25$
15 in sq
inside 7 7/8 in sq $\times 3 / 8$ in

8988 ROUND-EDGED PLATTER $\$ 65.80$
$141 / 4$ in sq
inside $51 / 4$ in sq
NEW 8924 RECTANGULAR SLUMPER
$\$ 47.05$
NEW 8929 LARGE RECTANGULAR SLUMPER $\$ 67.05$
$171 / 4 \times 121 / 4 \times 21 / 4$ in
NEW 8925 LONG RECTANGULAR SLUMPER $\$ 51.60$
$153 / 8 \times 73 / 4 \times 13 / 4$ in



## LIGHTING HARDWARE

Fuse it, slump it, turn it on! Sconce hardware to fit our sconce molds. Both styles are stainless steel with a brushed finish, and are ready to be wired into the wall by an electrician. UL listed. Two styles for two of our sconce molds. This hardware comes with a handy template which shows the size and shape to cut your glass. Get a light!


ORDER TOLL FREE $M-F \cdot 8 \mathrm{am}-6 \mathrm{pm} \mathbf{8 8 8 . 2 2 0 . 3 0 0 2}$


NEW 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. Non-toxic, safe for all glass, removable and reusable. Instructions included. 4 fl oz GFWHOOI $\$ 10.65$

## EXHIBITION CATALOGS

For your inspiration and enjoyment, we now offer catalogs of selected exhibitions at the Bullseye Connection Gallery and the Bullseye Resource Center. Previously, many of these limited edition catalogs were available only to art collectors. Dip into some kiln-glass art history.


## Bertil Vallien at Bullseye Glass

1997. Hard cover, spiral bound, 44 pages, color. Swedish glass master's hot cast process and finished works while in residency at Bullseye Glass Co. Essay by Suzanne Greening, former director and CEO of the International Glass Museum. BVol50 $\quad \$ 25.00$

## Flux: Edols \& Elliott

2000. Soft cover, spiral bound, 40 pages, color. Bullseye factory residency and finished works of Australian artists Ben Edols and Kathy Elliott. Essay by Dr. Grace Cochrane, a senior curator at the Powerhouse Museum, Sydney.

## BVol95 \$25.00

## Anna Skibska at Bullseye Glass

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

## BVo188 \$25.00



## Multiplied Light:

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

## BV0213 \$30.00



Lino Tagliapietra at Bullseye Glass: Masterworks from Furnace and Kiln 1999. Soft cover, 64 pages, color. Visual record of "La Carta dei Sogni" created in Bullseye's studios. Essay by glass author and journalist Silvano Tagliapietra; interview with Lino by curator and art historian Tina Oldknow of the Corning Museum of Glass.

## BVolg2 $\quad \$ 40.00$



## Jessica Loughlin at Bullseye Glass

## Landscape : Mindspace

2002. Soft cover, 48 pages, color. 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.

## BV0225 \$25.00



## Giles Bettison: Proximity

2003. Soft cover, 32 pages, color. Innovative use of fused strips of sheet glass cut into pattern tiles, then incorporated into blown-glass vessels and slumped bowls from an exhibition at the Bullseye Connection Gallery. Essay by Ian Were of the Queensland Art Gallery in Brisbane. BV0224 \$30.00

e-merge: 2004 Showcase of Rising Talents in Kiln-glass
2004. Soft cover, 48 pages, color. Documenting a juried international kiln-glass exhibition, this catalog features the winning pieces of each of 35 up-and-coming artists, plus brief statements and backgrounds. Includes statements from jurors and works from four competition "scofflaws" in the Director's Corner.
BV828I $\$ 25.00$


## Betweenness: A Collaboration Between

 Design and Industry2003. Soft cover, 48 pages, color. Bullseye Glass Co. and Columbia Wire and Iron Works collaborated with a group of architects, designers, and fabricators to create dividers. Essay by architecture writer and project curator, Randy Gragg.
BV0226 \$40.00


## Found in Translation: Northwest Painters

 and Printmakers Transition to Kiln-glass 2004. Soft cover, 12 pages, color. Selected pieces from the exhibition by painters and printmakers Judy Cooke, Martha Pfanschmidt, Eric Stotik, and Mark Zirpel during a residency at Bullseye. Introduction by project technical director Ted Sawyer.BV0227 \$10.00


Currency: Contemporary Glass Jewelry and Beads
2004. Soft cover, 32 pages, color. Selected works from an invitational exhibition. Features cutting-edge work by 28 artists from ten countries. Essay by Lani McGregor, Executive Director, Bullseye Connection Gallery.
BV8219 $\quad \$ 25.00$
Richard Marquis at Bullseye
2004. Soft cover, 34 pages, color. 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.
BVo223 \$25.00


Ten Circles: Dante Marioni, Sam Andreakos, Bullseye Glass
2004. Soft cover, 34 pages, color. Commemorates ten years of Dante and his friends, Janusz Pozniak and Paul Cunningham, coming to the Bullseye factory to blow "cups" for an awestruck audience, using a different, specially formulated glass by glass technologist Sam Andreakos every year.
BV8282 \$20.00

## Mark Zirpel: celestial / terrestial

2005. Soft cover, 16 pages, color. Works and ideas for Zirpel's exhibition at the Bullseye Connection 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.

## NEW THE BULLSEYE TECHBOOK

Published by Bullseye Glass Co. in 2004, this collection of technical and inspirational information comes in a three-ring binder with dividers and is currently about 70 pages. The Bullseye TechBook is a guide directed toward the practitioner of kilnformed glass.

As the world's first maker of glass especially formulated for kilnworking applications, Bullseye is more than a manufacturer. We also have a critical role as an educator, developing technical materials to support users in learning how to use glass successfully.
Instead of publishing a textbook, we have decided to create what Rudi Gritsch once called "a living book," in which our evolving body of knowledge about glass kilnforming can be collected and used, starting right now. The Bullseye TechBook has the flexibility to be updated as we publish new materials, and allows the freedom to add supplementary information as you wish.

We hope that the Bullseye TechBook becomes your personal resource as you build your kilnforming skills.

$8030 \quad \$ 15.00$
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/getsmart/

## TIP OF THE WORD-BERG

As with tools, our Resource Center specializes in books that help you use our glass. We also try to keep an eye out for good general reference manuals, historical surveys and inspirational monographs on a few artists relevant either to our glass or kilnworking methods. The books listed here are the most popular of those we handle. For a more extensive list, call toll free 888.220.3002 or e-mail us at resourcecenterœbullseyeglass.com.

## TECHNICAL: GENERAL



Halem, Henry, GLASS NOTES: A REFERENCE FOR THE GLASS ARTIST, 3rd edition, self-published, Kent, OH, 1996. Soft cover, 290 pgs , many illustrations and black and white photos. Excellent reference manual for set-up and maintenance of glass studio, aimed more towards hot glass, but good information also for kilnformers.

* BVoool $\$ 30.00$


Rossol, Monona, THE ARTIST'S COMPLETE HEALTH AND SAFETY GUIDE, Allworth Press, New York, 200I. Soft cover, 416 pages, black and white. Invaluable for artists, art teachers and students. Includes essential information about hazardous materials and proper use of protective gear. Rossol has more than 20 years of experience specializing in visual arts safety. She was a motivating speaker at BECon 2003 on this important topic.

## * BVo232 \$24.95



Woolley, Frank, GLASS TECHNOLOGY FOR THE STUDIO, self-published, Corning, NY, 1999. Soft cover, spiral bound, 90 pgs , some black and white illustrations, charts and graphs. Intermediate to advanced technical information for glass studios in form of lecture notes presented in courses taught by Dr. Woolley at the Corning Museum Studio.

- BVo2II $\$ 12.00$


## TECHNICAL: KILN GLASS



Cummings, Keith, TECHNIQUES OF KILN-FORMED GLASS, University of Pennsylvania Press, Philadelphia, PA, 1997. Hard cover, 176 pgs, many color and black and white photos of finished work and process. Good overview of historic to contemporary work in kiln glass. Technical information varies, but overall an essential text for kilnformers.

- BVol20
$\$ 49.95$


Kervin, James $\varepsilon$ Fenton, Daniel, PÂTE DE VERRE AND KILN CASTING OF GLASS, self-published, Livermore, CA, 1997. Soft cover, 198 pgs, lots of black and white illustrations and some color photos of finished work. Not the most well-written, but in our opinion the best content of any book available on glass casting.

* BVol29 $\$ 40.00$


Lundstrom, Boyce \& Schwoerer, Daniel, KILN FIRING GLASS: GLASS FUSING BOOK ONE, Phoenix Edition, 1994, Vitreous Publications, Inc., Colton, OR, (first published 1983). Soft cover, 137 pgs, lots of color and black and white illustrations. The CLASSIC reference, written at Bullseye in 1983. This is the book that set the standards. No-nonsense explanations of compatibility, firing, equipment and method are still technically unchallenged as the foundations of basic kilnwork.
BVo003 \$38.50
Lundstrom, Boyce, ADVANCED FUSING TECHNIQUES: GLASS FUSING BOOK TWO, Vitreous Publications, Inc., Colton, OR, second printing 199ı. Soft cover, 148 pgs, black and white photos and illustrations, color photos of completed works. Techniques for bas relief, working glass in a glory hole, adding enamels and luster to your designs, plus chapters on design technique, slumping and sagging.
BVo004 $\quad \$ 38.50$
Lundstrom, Boyce, GLASS CASTING AND MOLDMAKING: GLASS FUSING BOOK THREE, Vitreous Publications, Inc, Colton, OR, 1989. Soft cover, 148 pgs , fully illustrated. Tested techniques for pâte de verre, lost wax and crucible casting. Chapters on castable mold materials, mold formulas, metal, clay, sand and fiber molds.
BV0005 \$38.50


Walker, Brad, CONTEMPORARY WARM GLASS, Four Corners International, Inc., Clemmons, NC, 2000. Soft cover, 154 pgs , lots of color illustrations. A thorough introduction into the territory of fusing, slumping, and kilnforming techniques. Inspirational pictures of contemporary work. Supported by a very active website community of fusers from around the world.

* BVol99 $\$ 47.95$


## TECHNICAL: TORCHWORK



Dunham, Bandhu, CONTEMPORARY LAMPWORKING: A PRACTICAL GUIDE TO SHAPING GLASS IN THE FLAME, Salusa Glassworks, Phoenix, AZ, 3rd edition, 2 vol, 2002. Hard cover, 256 pgs per volume including a $16-\mathrm{pg}$ color survey section in each volume. Best rating among reference books by all lampworkers we know. Comprehensive explanations. Inspirational photos of contemporary work.

```
* BVol73 $59.95 (2 vol set)
```



NEW • Arsdale Shrader, Valerie, ed., 1000 GLASS BEADS: INNOVATION \& IMAGINATION IN CONTEMPORARY GLASS BEADMAKING, Lark Books, NY, 2004. Soft cover, 408 pages. This visually inspiring book presents large color photos of great glass beads, reflecting the diversity and innovation of glass beadmaking from around the world.

* BV0237 \$24.95


NEW • Fritts, Drew, TORCHWORKED MARBLES, VOL I: BEGINNER TO INTERMEDIATE TECHNIQUES, DichroMoon Publishing, Springfield, MO, 2004. Soft cover, 455 pages, some black and white illustrations. This well-organized book is full of useful information for making marbles, from the tools needed to intermediate torch techniques.

* BVo222 $\$ 29.95$


Jenkins, Cindy, BEADS OF GLASS, Pyro Press, St. Louis, 2003. Hard cover, 152 pages with many in color. An extensive, vibrant look at contemporary glass beads, including a gallery of bead images, a behind-thescenes peek at the artists, and a how-to section using step-by-step photos to show exactly how beads are made.
\& BVo233 \$29.95


Kervin, James, MORE THAN YOU EVER WANTED TO KNOW ABOUT GLASS BEADMAKING, completely revised 4th Edition, GlassWear Studios, CA, 1999. Soft cover, 295 pgs, including 24 pages of color and many black and white illustrations. THE best book for the intermediate to advanced beadmaker.
\& BVol30 $\$ 45.00$


NEW • CONTEMPORARY GLASS BEADS BY 30 JAPANESE ARTISTS, Ribun Shuppan Co. Ltd., Japan, 2004. Hard cover, 145 pages, text in Japanese. Color photos on every page of amazing beads made by torchworkers in Japan will inspire beadmakers. This is a new version of a beautiful book, showing 30 artists now instead of 20 .
\& BV0236 \$45.00


Dunham, Bandhu S., FORMED OF FIRE, SELECTIONS IN CONTEMPORARY LAMPWORKED GLASS, Salusa Glassworks, Prescott AZ, 2002. Hard cover, 126 pages, full color. Features nearly one hundred of today's best lampwork artists. Inspiring photos and text along with an historical introduction, demonstration sequences and a glossary of lampwork terminology make this an indispensable guide to lampworked glass.

* BV0220 $\$ 29.95$


## ARTISTS, EXHIBITION CATALOGS E SURVEYS



Klein, Dan, ARTISTS IN GLASS, Late Twentieth Century Masters in Glass, 1st Edition, Octopus Publishing Group, London, 2001. Hard cover, 240 pgs, over 300 color photographs. A look at 80 of "the world's best glass artists," their training, their influences, their techniques and the historical context of contemporary studio glass. Glossary, bibliography, gallery and museum lists.

* BVo212 $\$ 50.00$


NARCISSUS QUAGLIATA: LIGHT FUSIONS, Exhibition catalog. Fundación Centro Nacional del Vidrio, La Granja, Spain, 1997. Spanish/English, soft cover, 51 pgs. Text by Eliseo de Pablos y Viejo, Roberto Vallarino, Lani McGregor, N. Quagliata. 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."
BVol78 $\$ 15.00$


NARCISSUS QUAGLIATA: PAINTING WITH LIGHT, Exhibition catalog. Museo Franz Mayer, Mexico, 1995. English/Italian/ Spanish, soft cover, 117 pgs, foreword and introduction by Hector Rivero Borrell. Full page color photos illustrate the artist's career from his early introspections in leaded glass, through the now famous glass portraiture of the 1980s and 'gos up to his innovations in "light painting." BV0087 $\quad \$ 60.00$

THE BUSINESS OF ART


Townsend, Milon, MAKING \& MARKETING BETTER WORK, Blue Moon Press, LLC, New York, 2001. Soft cover, 150 pgs, with lots of charts and checklists and photos of how to pack! All the stuff they didn't teach you in art school. A great practical look at things like artist statements, CVs, pricing your work, teaching, commissions, working with galleries, running a studio. A little gem of a book.

* BVo2IO $\$ 18.00$


## VIDEOS



CONNECTIONS, Bullseye Glass Co., Portland, OR, 1994. Video, 30 mins. Nine internationally known artists work glass in the glory hole, the torch, the kiln, the 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 $62-$ pg mini-catalog of the related exhibition.

## 8056 VHS or 8058 PAL $\$ 40.00$



KILN FORMED GLASS - RUDI GRITSCH, Corning Museum of Glass, Corning, NY, 2003. Follow kilnforming expert Rudi Gritsch, a brilliant teacher, as he takes several of his works from design phase through set-up, firings, and finishing processes. Running time 30 minutes.

| BV0230 | VHS | $\$ 29.95$ |
| :--- | :--- | :--- |
| BV0240 | DVD | $\$ 34.95$ |



PÂTE DE VERRE WITH SHIN-ICHI AND KIMIAKE HIGUCHI, Corning Museum of Glass, Corning, NY, 200I. The Higuchis' pieces are considered to be some of the finest examples of pâte de verre ever made. See their demonstrations. 30 mins .

| $\&$ BV0231 | VHS | $\$ 29.95$ |
| :--- | :--- | :--- |
| $\&$ BV0241 | DVD | $\$ 34.95$ |

## BULLSEYE RESOURCE CENTER PRICING

Prices shown are retail at the Bullseye Resource Center. At the RC, sheet glass is sold by the piece. Sheet glass sizes listed 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 lb . One square foot of thin ( -50 ) glass weighs approximately 1 lb . The factory sells full sheets, thin half sheets, and other half sheets as available. No individual $10 \times 10$ 's.


## VOLUME AND WHOLESALE PRICING

Available on inquiry at the Bullseye Resource Center, through the Bullseye factory, or through national and international distributors. All prices are subject to change without notice.


**Not currently offered for stained glass use
*Base Price Codes refer ONLY to Sheet Glass and Frit.
Rod is also sold individually $\propto 1.75$
because the cold sheet matures to the target color only after reheating in the kiln.


${ }^{* *}$ Not currently offered for stained glass use
*Base Price Codes refer ONLY to Sheet Class and Frit.

| STYLE <br> NUMBER |  | SOLID COLOR TRANSPARENT continued | BASE <br> PRICE <br> CODE* | SHEET GLASS |  |  |  |  |  | FRIT |  |  |  | STRN GR <br> $-07,-72$ <br> tube | ROD <br> -76 <br> per lb |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | STANDARD (P) |  | bullseye compatible (f) |  |  | $\begin{array}{\|c\|} \hline-0,-02,-03 \\ \hline 5 \mathrm{lb} \text { jar } \\ \hline \end{array}$ | powder -o8 <br> 5 lb jar | $\begin{array}{\|c} -91,-92,-93 \\ \hline \text { I lb jar } \end{array}$ | powder -98 <br> I lb jar |  |  |
|  |  | $10 \times 10$ |  | $17 \times 20$ | $35 \times 20$ | $10 \times 10$ |  |  |  |  | $17 \times 20$ | $35 \times 20$ |  |  |
| 1334 | -30 |  | Gold Purple, Dbl-rol | F | 26.50 | 76.70 | 149.20 | 28.10 | 81.30 | 158.15 | 113.15 | 131.50 | 26.70 | 30.35 | - | 35.40 |
|  |  |  | Gold Purple, Dbl-rol, Irid, Rbow |  | 29.70 | 85.95 | 167.25 | 31.30 | 90.55 | 176.15 |  |  |  |  |  |  |
|  | -50 | Gold Purple, Thin |  | - | - | - | 30.80 | 86.70 | - |  |  |  |  |  |  |
|  | -51 | Gold Purple, Thin, Irid, Rbow |  | - | - | - | 32.60 | 91.80 | - |  |  |  |  |  |  |
| 1342 | -76 | Cranberry Sapphirine Rod | - | - | - | - | - | - | - | - | - | - | - | - | 35.40 |
| 1401 | -00 | Crystal Clear, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | - | 23.00 |
|  |  | Crystal Clear, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -50 | Crystal Clear, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -60 | Crystal Clear, Sgl-rol, 6 mm |  | 20.70 | 59.80 | 116.30 | 23.85 | 68.95 | 134.15 |  |  |  |  |  |  |
| 1405 | -00 | Lt. Plum, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | - | 23.00 |
|  | -30 | Lt. Plum, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Lt. Plum, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Lt. Plum, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Lt. Plum, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1406 | -00 | Steel Blue, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 23.00 |
|  | -30 | Steel Blue, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Steel Blue, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Steel Blue, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Steel Blue, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1408 | -00 | Lt. Aquamarine Blue, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 23.00 |
|  | -30 | Lt. Aquamarine Blue, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Lt. Aqua. Blue, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Lt. Aquamarine Blue, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Lt. Aqua. Blue, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1409 | -00 | Lt. Bronze, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 23.00 |
|  | -30 | Lt. Bronze, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Lt. Bronze, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Lt. Bronze, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Lt. Bronze, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1412 | -00 | Lt. Aventurine Green, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 30.25 |
|  | -30 | Lt. Aventurine Green, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Lt. Aventurine Grn, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Lt. Aventurine Green, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Lt. Avent. Green, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1414 | -00 | Lt. Sky Blue, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 23.00 |
|  | -30 | Lt. Sky Blue, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Lt. Sky Blue, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Lt. Sky Blue, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Lt. Sky Blue, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1417 | -00 | Emerald Green, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 23.00 |
|  | -30 | Emerald Green, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Emerald Grn, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Emerald Green, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Emerald Green, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1426 | -00 | Spring Green, Sgl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | 60.65 | 79.00 | 16.20 | 19.85 | 21.70 | 23.00 |
|  | -30 | Spring Green, Dbl-rol |  | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |  |  |  |  |  |  |
|  | -31 | Spring Green, Dbl-rol, Irid, Rbow |  | 15.15 | 43.85 | 85.30 | 16.75 | 48.45 | 94.20 |  |  |  |  |  |  |
|  | -50 | Spring Green, Thin |  | - | - | - | 14.40 | 40.50 | - |  |  |  |  |  |  |
|  | -51 | Spring Green, Thin, Irid, Rbow |  | - | - | - | 16.20 | 45.55 | - |  |  |  |  |  |  |
| 1428 | -00 | Lt. Violet, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | - | 23.00 |
|  | -30 | Lt. Violet, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Lt. Violet, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Lt. Violet, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Lt. Violet, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1429 | -00 | Lt. Silver Gray, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 23.00 |
|  | -30 | Lt. Silver Gray, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Lt. Silver Gray, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Lt. Silver Gray, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Lt. Silver Gray, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1437 | -00 | Lt. Amber, Sgl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | - | 23.00 |
|  | -30 | Lt. Amber, Dbl-rol |  | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |  |  |  |  |  |  |
|  | -31 | Lt. Amber, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Lt. Amber, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Lt. Amber, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1439 | -30 | Khaki, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | - | 23.00 |
|  | -31 | Khaki, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
|  | -50 | Khaki, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
|  | -51 | Khaki, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| 1442 | -00 | Neo-Lavender Shift, Sgl-rol | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 | 77.55 | 95.90 | 19.60 | 23.25 | 21.70 | 30.25 |
|  | -30 | Neo-Lavender Shift, Dbl-rol |  | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |  |  |  |  |  |  |
|  | -31 | Neo-Lavender Shift, Dbl-rol, Irid, Rbow |  | 19.85 | 57.40 | 111.70 | 21.45 | 62.00 | 120.60 |  |  |  |  |  |  |
|  | -50 | Neo-Lavender Shift, Thin |  | - | - | - | 19.70 | 55.35 | - |  |  |  |  |  |  |
|  | -51 | Neo-Lavender Shift, Thin, Irid, Rbow |  | - | - | - | 21.50 | 60.45 | - |  |  |  |  |  |  |


| STYLE NUMBER | SOLID COLOR TRANSPARENT continued | BASE <br> PRICE CODE* | SHEET GLASS |  |  |  |  |  | FRIT |  |  |  | STRNGR <br> $-07,-72$ <br> tube | $\begin{array}{\|c\|} \hline \text { ROD } \\ \hline-76 \\ \hline \text { per lb } \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | STANDARD (P) |  |  | bULLSEYE COMPATIBLE (F) |  |  | -01,-02,-03 | $\frac{\text { powder -08 }}{5 \mathrm{lb} \text { jar }}$ | $\begin{array}{\|c\|} \hline-91,-92,-93 \\ \hline \text { I lb jar } \\ \hline \end{array}$ | $\begin{array}{\|c\|} \hline \text { powder -98 } \\ \hline \text { I lb jar } \\ \hline \end{array}$ |  |  |
|  |  |  | $10 \times 10$ | $17 \times 20$ | $35 \times 20$ | $10 \times 10$ | $17 \times 20$ | $35 \times 20$ |  |  |  |  |  |  |
| $1 \begin{array}{ll}1449 & -30\end{array}$ | Oregon Gray, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | - | - |
| -31 | Oregon Gray, Dbl-rol, Irid, Rbow |  | 13.55 | 39.20 | 76.20 | 15.15 | 43.75 | 85.10 |  |  |  |  |  |  |
| -50 | Oregon Gray, Thin |  | - | - | - | 12.55 | 35.35 | - |  |  |  |  |  |  |
| -51 | Oregon Gray, Thin, Irid, Rbow |  | - | - | - | 14.35 | 40.45 | - |  |  |  |  |  |  |
| $\begin{array}{lll}1501 & -30\end{array}$ | Blowing Clear | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | - | - | - | - | - | - |
| 1701-76 | Amber Lustre Rod |  | - | - | - | - | - | - | - | - | - | - | - | 67.40 |
| $\begin{array}{llll}1714 & -76\end{array}$ | Blue Lustre Rod <br> TRANSPARENT TINTS |  | - | - | - | - | - | - | - | - | - | - | - | 67.40 |
| 1806-30 | Juniper Blue, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | - | 23.00 |
| -60 | Juniper Blue, 6 mm |  | 20.70 | 59.80 | 116.30 | 23.85 | 68.95 | 134.15 | - | - | - | - | - | - |
| 1807 -30 | Grass Green, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 23.00 |
| -60 | Grass Green, 6 mm |  | 20.70 | 59.80 | 116.30 | 23.85 | 68.95 | 134.15 | - | - | - | - | - | - |
| 1808-30 | Aqua Blue, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | 60.65 | 79.00 | 16.20 | 19.85 | 21.70 | 24.20 |
| -60 | Aqua Blue, 6 mm |  | 23.90 | 69.15 | 134.55 | 27.10 | 78.35 | 152.35 | - | - | - | - | - | - |
| 1812-76 | Seaweed Aventurine Rod |  | - | - | - | - | - | - | - | - | - | - | - | 30.25 |
| 1818 -30 | Indigo, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | - | - | - | - | - | - |
| $1820-30$ | Pale Yellow, Dbl-rol | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 | 67.20 | 85.55 | 17.50 | 21.20 | 21.70 | 30.25 |
| -60 | Pale Yellow, 6 mm |  | 27.55 | 79.65 | 154.95 | 30.70 | 88.85 | 172.80 | - | - | - | - | - | - |
| $1821-30$ | Erbium Pink, Dbl-rol | F | 26.50 | 76.70 | 149.20 | 28.10 | 81.30 | 158.15 | 113.15 | 131.50 | 26.70 | 30.35 | 21.70 | 35.40 |
| -60 | Erbium Pink, 6 mm |  | 53.00 | 153.40 | 298.40 | 56.15 | 162.55 | 316.25 | - | - | - | - | - | 35.40 |
| 1823-30 | Burnt Scarlet Striker, Dbl-rol | F | 26.50 | 76.70 | 149.20 | 28.10 | 81.30 | 158.15 | - | - | - | - | - | - |
| $1824-30$ | Ruby Red Striker, Dbl-rol | F | 26.50 | 76.70 | 149.20 | 28.10 | 81.30 | 158.15 | - | - | - | - | - | - |
| 1826-30 | Green Tea, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | - | - | - | - | - | - |
| $1827-30$ | Light Amber, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | - | - | - | - | - | - |
| $1829-30$ | Gray, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | - | - | - | - | - | - |
| 1831-30 | Ruby Pink Striker, Dbl-rol | F | 26.50 | 76.70 | 149.20 | 28.10 | 81.30 | 158.15 | - | - | - | - | - | - |
| $1834-30$ | Coral Orange, Dbl-rol | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 | 67.20 | 85.55 | 17.50 | 21.20 | 21.70 | 30.25 |
| -60 | Coral Orange, 6 mm |  | 27.55 | 79.65 | 154.95 | 30.70 | 88.85 | 172.80 | - | - | - | - | - | - |
| 1837-30 | Medium Amber, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | - | - | - | - | - | - |
| 1838-30 | Dark Amber, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | - | - | - | - | - | - |
| $1841-30$ | Spruce Green, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 | 54.80 | 73.15 | 15.05 | 18.70 | 21.70 | 23.00 |
| -60 | Spruce Green, 6 mm |  | 20.70 | 59.80 | 116.30 | 23.85 | 68.95 | 134.15 | - | - | - | - | - | - |
| 1842-30 | Lt. Neo-Lavender Shift, Dbl-rol | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 | 77.55 | 95.90 | 19.60 | 23.25 | 21.70 | 30.25 |
| -60 | Lt. Neo-Lavender Shift, 6 mm |  | 33.30 | 96.30 | 187.30 | 36.45 | 105.45 | 205.15 | - | - | - | - | - | - |
| 1859 -30 | Rhubarb Pink/Green Shift, Dbl-rol | F | 26.50 | 76.70 | 149.20 | 28.10 | 81.30 | 158.15 | 113.15 | 131.50 | 26.70 | 30.35 | 21.70 | 35.40 |
| -60 | Rhubarb Pink/Green Shift, 6mm |  | 53.00 | 153.40 | 298.40 | 56.15 | 162.55 | 316.25 | - | - |  |  |  |  |
| $1864-30$ | Gray Blue, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | - | - | - | - | - | - |
| $1867-30$ | Olive Smoke, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 | - | - | - | - | - | - |

NEW TEKTA BY THE SHEET

|  |  | $10 \times 10$ | $17 \times 20$ | $24 \times 24^{*}$ | $24 \times 48^{*}$ | $24 \times 72^{*}$ | $40 \times 80^{*}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1100-83 \mathrm{~F}$ | 3 mm | 7.50 | 21.80 | 34.30 | 57.15 | 85.70 | 158.55 |
| $1100-86 \mathrm{~F}$ | 4 mm | 9.95 | 28.95 | 45.50 | 75.80 | 113.70 | 210.30 |
| $1100-89 \mathrm{~F}$ | 6 mm | 15.05 | 43.65 | 68.70 | 114.45 | 171.65 | - |

$10 \times 10$ 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 |  | CLEAR | SHEET BY |  | THE CASE |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Style code | тнıск | w $\times \mathrm{L}$ | SHT/CS | SQ ft/cs | SQ FT PRICE | CS Price |
| 1100-83F-24 | 3 mm | $24 \times 24$ in | 33 | 132 | 4.28 | 564.96 |
| 1100-83F-48 | 3 mm | $24 \times 48$ in | 66 | 528 | 3.57 | 1884.96 |
| 1100-83F-72 | 3 mm | $24 \times 72$ in | 66 | 792 | 3.57 | 2827.44 |
| 1100-83F-80 | 3 mm | $40 \times 80$ in | 33 | 726 | 3.57 | 2591.82 |
| 1100-86F-24 | 4 mm | $24 \times 24$ in | 25 | 100 | 5.69 | 569.00 |
| 1100-86F-48 | 4 mm | $24 \times 48$ in | 50 | 400 | 4.74 | 1896.00 |
| 1100-86F-72 | 4 mm | $24 \times 72$ in | 50 | 600 | 4.74 | 2844.00 |
| 1100-86F-80 | 4 mm | $40 \times 80$ in | 25 | 550 | 4.74 | 2607.00 |
| 1100-89F-24 | 6 mm | $24 \times 24$ in | 17 | 68 | 8.58 | 583.44 |
| 1100-89F-48 | 6 mm | $24 \times 48$ in | 33 | 264 | 7.15 | 1887.60 |
| 1100-89F-72 | 6 mm | $24 \times 72$ in | 33 | 396 | 7.15 | 2831.40 |

[^6]Price listed reflects volume discount. No further discounts.

| STYLE <br> NUMBER | STREAKIES | BASE <br> PRICE CODE* | SHEET GLASS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | STANDARD (P) |  |  | bullseye Compatible (f) |  |  |
|  |  |  | $10 \times 10$ | $17 \times 20$ | $35 \times 20$ | $10 \times 10$ | $17 \times 20$ | $35 \times 20$ |
| 2020-30 | Clear, Sunflower Yellow Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2024-30 | Clear, Red Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2026-30 | Clear, Spring Green Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2037-30 | Clear, French Vanilla Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2047-30 | Clear, Deep Cobalt Blue Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2064-30 | Clear, Egyptian Blue Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2100-00 | Clear, Black Opal | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| -30 | Clear, Black Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2105-00 | Blue Opal, Plum | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2107-00 | White Opal, Light Green | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2108-00 | Powder Blue Opal, Marine Blue | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2109-00 | White Opal, Dark Brown | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| $2112-00$ | Mint Opal, Deep Forest Green | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| $2121-00$ | Yellow Opal, Deep Forest Green | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 2123-00 | White Opal, Orange Opal | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 2124-00 | Red Opal, White Opal | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 2128-00 | Royal Purple, Powder Blue Opal | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2129-00 | Charcoal Gray, White Opal | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2130-00 | Clear, White Opal | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| -30 | Clear, White Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2137-30 | Medium Amber, White Opal, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2164-30 | Caribbean Blue, White Opal, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 2209-00 | Dark Brown, White Opal | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2212-30 | Olive Green Opal, Forest Green, Dbl-rol | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2250-00 | Soft Yellow Opal, Deep Red | C | 11.95 | 34.60 | 67.30 | - | - | - |
| 2302-00 | White Opal, Pink Opal | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 2304-00 | White Opal, Lavender Blue Opal | B | 10.35 | 29.90 | 58.15 | 11.95 | 34.50 | 67.10 |
| 2305-00 | White Opal, Salmon Pink Opal | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 2310-00 | White Opal, Cranberry Pink | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 2311-30 | Cranberry Pink, White, Dbl-rol | 1 | 21.50 | 62.20 | 120.95 | 23.10 | 66.80 | 129.90 |
| 3026-21 | Cranberry Pink, Royal Blue, Spring Green, White, Ripple | K | 21.65 | 62.65 | 121.90 | - | - | - |
| -30 | Cranberry Pink, Royal Blue, Spring Green, White, Dbl-rol | K | 20.10 | 58.10 | 113.00 | - | - | - |
| 3045-21 | Azure Blue Opal, Jade Green Opal, Neo-Lavender, Ripple | K | 21.65 | 62.65 | 121.90 | - | - | - |
| -30 | Azure Blue Opal, Jade Green Opal, Neo-Lavender, Dbl-rol | K | 20.10 | 58.10 | 113.00 | - | - | - |
| 3123-00 | White Opal, Orange Opal, Deep Forest Green | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 3126-21 | Cranberry, Royal Blue, Spring Green, Ripple | K | 21.65 | 62.65 | 121.90 | - | - | - |
| -30 | Cranberry, Royal Blue, Spring Green, Dbl-rol | K | 20.10 | 58.10 | 113.00 | 21.65 | 62.65 | 121.90 |
| 3203-21 | Woodland Brown Opal, Ivory, Black, Ripple | C | 13.55 | 39.20 | 76.20 | - | - | - |
| -30 | Woodland Brown Opal, Ivory, Black, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 3212-30 | Olive Green Opal, Forest Green, Deep Brown, Dbl-rol | C | 11.95 | 34.60 | 67.30 | 13.55 | 39.20 | 76.20 |
| 3328-00 | White Opal, Deep Royal Purple, Cranberry Pink | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 3334-21 | Cranberry Pink, Gold Purple, White, Ripple | F | 28.10 | 81.30 | 158.15 | - | - | - |
| -30 | Cranberry Pink, Gold Purple, White, Dbl-rol | F | 26.50 | 76.70 | 149.20 | 28.10 | 81.30 | 158.15 |
| 3345-21 | Cranberry Pink, Emerald Green, White, Ripple | K | 21.65 | 62.65 | 121.90 | - | - | - |
| -30 | Cranberry Pink, Emerald Green, White, Dbl-rol | K | 20.10 | 58.10 | 113.00 | - | - | - |
| 3346-21 | Cranberry Pink, Azure Blue, White, Ripple | K | 21.65 | 62.65 | 121.90 | - | - | - |
| -30 | Cranberry Pink, Azure Blue, White, Dbl-rol | K | 20.10 | 58.10 | 113.00 | - | - | - |
| 3445-00 | Neo-Lavender w/Prpl Opal, Jade Grn Opal, and Pnk Streaks; Grn \& Pink Frac | K | 20.10 | 58.10 | 113.00 | - | - | - |
| 3446-00 | Neo-Lav w/ Prpl Opal, Azure Bl Opal, and Pnk Streaks; Pnk, Wht \& Aqua Frac | K | 20.10 | 58.10 | 113.00 | - | - | - |
| 3501-00 | White Opal, Deep Forest Green, Caramel Opal | C | 11.95 | 34.60 | 67.30 | - | - | - |
|  | COLLAGE GLASSES FRACTURE-STREAMERS |  |  |  |  |  |  |  |
| 4010-00 | SPRING: Blue, Green, Aqua and Pink on White | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4011-00$ | AUTUMN: Orange, Yellow and Red on White | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 4012-00 | SUMMER: Green and Yellow on White | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 4014-00 | Spring Green and Deep Pink on White | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4110-00$ | SPRING: Blue, Green, Aqua and Pink on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4111-00$ | AUTUMN: Orange, Yellow and Red on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4112-00$ | SUMMER: Green and Yellow on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4113-00$ | WINTER: White (w/Clear Streamers) on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4114-00$ | Spring Green and Deep Pink on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |

*Base Price Codes refer ONLY to Sheet Glass and Frit.

| STYLE NUMBER | COLLAGE GLASSES continued | BASE <br> PRICE CODE* | SHEET GLASS |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | STANDARD ( $P$ ) |  |  | bullseye compatible (f) |  |  |
|  |  |  | $10 \times 10$ | $17 \times 20$ | $35 \times 20$ | $10 \times 10$ | $17 \times 20$ | $35 \times 20$ |
| $4115-00$ | Deep Pink, Light Pink, and White on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 4116 -00 | Light Pink, Green, and White on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 4117 -00 | Green and White on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4118-00$ | White (w/Black Streamers) on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4119-00$ | Blue and White on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 4120-00 | Light Pink, Blue, and White on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| $4121-00$ | Light Pink and White on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 4122-00 | Light Pink, Plum, and White on Clear | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 4128-00 | Deep Pink, Plum, Spring Green, Aqua (w/Pink Streamers) on Clear STREAMERS | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 4100-00 | Black | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| $4151-00$ | Royal Blue | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| 4152-00 | Forest Green | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| 4158-00 | White | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| $4171-00$ | Black and White | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| 4172-00 | Blue and White | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| 4183-00 | Pink, Green, and Blue | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| 4400-30 | Black Chopstix | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| 4414-30 | Blue Chopstix | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| 4424-30 | Red Chopstix | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| 4437-30 | White Chopstix | D | 13.80 | 39.85 | 77.50 | 15.35 | 44.45 | 86.40 |
| COLLAGE IRIDS |  |  |  |  |  |  |  |  |
| 4102-31 | Clear with Clear Fractures, Irid, Rbow | E | 19.85 | 57.40 | 111.70 | 21.45 | 62.00 | 120.60 |
| 4202-31 | Clear with Clear Frit, Irid, Rbow | D | 17.00 | 49.10 | 95.50 | 18.55 | 53.70 | 104.45 |
| 4402-31 | Clear Chopstix, Irid, Rbow | D | 17.00 | 49.10 | 95.50 | 18.55 | 53.70 | 104.45 |
| MARDI GRAS |  |  |  |  |  |  |  |  |
| 4200-00 | Black Frit, Black Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| $4211-00$ | Red, Orange and Yellow Frit, Orange Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4212-00 | Dark Green, Spring Green, and Yellow Frit, Spring Green Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4215-00 | Pink and Cranberry Frit, Pink Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4216-00 | Royal Blue and Turquoise Frit, Cobalt Blue and Turquoise Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4217-00 | Dark Green, Jade Green Frit, Dark Green Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4218-00 | Gray and Black Frit, White Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4219-00 | Cobalt Blue, Gray Blue, and Aqua Frit, Blue Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4220-00 | Canary and Sunflower Yellow Frit, Sunflower Yellow Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4223-00 | Yellow, Blue, and Red Frit, Blue Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4224-00 | Red Frit, Red Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4229-00 | Gray and Bronze Frit, Gray and Vanilla Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4234-00 | Cranberry and Purple Frit, Cranberry and Purple Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4237-00 | Vanilla and White Frit, Vanilla and White Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
| 4242-00 | Neo-lavender and Purple Frit, Cobalt Blue and Purple Streamers | E | 16.65 | 48.15 | 93.65 | 18.25 | 52.75 | 102.60 |
|  | RING MOTTLES |  |  |  |  |  |  |  |
| 6013-00 | White | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6021-00 | Light Celery Green | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6207-00 | Light Celery and Lime Green | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6210-00 | White and Gold Pink | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 6212-00 | Medium Celery and Emerald Green | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6218-00 | Blue-Gray and White | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6231-00 | White and Burgundy Red | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6243-00 | Light Celery and Olive Green | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6247-00 | Medium Leaf and Emerald Green | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6264-00 | Robin's Egg and Deep Royal Blue | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6268-00 | Robin's Egg and Blue-Gray | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6318-00 | White, Blue-Gray and Gold Purple | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 6323-00 | Lemon Yellow, White and Gold Pink | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 6328-00 | White and Gold Pink w/Gold Purple Streaks | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 6336-00 | White and Turquoise w/Gold Purple Streaks | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 6343-00 | White, Olive Green and Gold Pink | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 6345-00 | Light Celery and Olive Green w/Turquoise Streaks | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6436-00 | Light Celery and Olive Green w/Turquoise and Gold Purple Streaks | E | 16.65 | 48.15 | 93.65 | - | - | - |
| 6446-00 | White and Turquoise Blue w/Lime Green and Gold Pink Streaks | D | 13.80 | 39.85 | 77.50 | - | - | - |
| 6467-00 | White and Lime Green w/Turquoise Blue and Gold Pink Streaks | D | 13.80 | 39.85 | 77.50 | - | - | - |


| CONFETTI |  |  | -84 | -04 |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | 402 | 1 lb |
|  | OPAL |  |  |  |
| 0100 | Black |  | 22.85 | 71.55 |
| 0113 | White |  | 22.85 | 71.55 |
| 0114 | Cobalt Blue |  | 22.85 | 71.55 |
| 0117 | Leaf Green |  | 22.85 | 71.55 |
| 0120 | Canary Yellow |  | 22.85 | 71.55 |
| 0124 | Red |  | 22.85 | 71.55 |
| 0125 | Orange |  | 22.85 | 71.55 |
| 0301 | Pink TRANSPARENT |  | 22.85 | 71.55 |
|  |  |  |  |  |
| 1108 | Aquamarine Blue |  | 22.85 | 71.55 |
| 1112 | Aventurine Green |  | 22.85 | 71.55 |
| 1128 | Deep Royal Purple |  | 22.85 | 71.55 |
| 1311 | Cranberry Pink |  | 27.40 | 91.30 |
| 1401 | Crystal Clear |  | 22.85 | 71.55 |
| 1412 | Lt. Aventurine Green |  | 22.85 | 71.55 |
|  |  |  |  |  |
| 8419-85 | MiniMix 8 oz | 45.65 |  |  |
| 8419-88 | MimiMix 2 lb | 143.10 |  |  |


| BILLETS AND CULLET |  | BILLETS -65 | CULLET -66 |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 40 lb |
|  |  | each | per lb | bucket |
| 1806 | Juniper Blue | 42.85 | 10.20 | 254.20 |
| 1807 | Grass Green | 42.85 | 10.20 | 254.20 |
| 1808 | Aqua Blue | 42.85 | 10.20 | 254.20 |
| 1818 | Indigo | 42.85 | - | - |
| 1820 | Pale Yellow | 42.85 | 10.20 | 254.20 |
| 1821 | Erbium Pink | 63.25 | 15.00 | 374.85 |
| 1823 | Burnt Scarlet Striker | 63.25 | - | - |
| 1824 | Ruby Red Striker | 63.25 | - | - |
| 1826 | Green Tea | 42.85 | - | - |
| 1827 | Light Amber | 42.85 | - | - |
| 1829 | Gray | 42.85 | - | - |
| 1831 | Ruby Pink Striker | 63.25 | - | - |
| 1834 | Coral Orange | 51.70 | 12.25 | 306.10 |
| 1837 | Medium Amber | 42.85 | - | - |
| 1838 | Dark Amber | 42.85 | - | - |
| 1841 | Spruce Green | 42.85 | 10.20 | 254.20 |
| 1842 | Lt. Neo-Lavender Shift | 51.70 | 12.25 | 306.10 |
| 1859 | Rhubarb Pink/Green Shift | 63.25 | 15.00 | 374.85 |
| 1864 | Gray Blue | 42.85 | - | - |
| 1867 | Olive Smoke | 42.85 | - | - |
| 1101 | Clear | 34.00 | - | - |
| 1401 | Crystal Clear | 42.85 | 7.50 | 187.45 |
| $1501-66 P$ | Clear Blowing Cullet | - | - | 80.00 |
| 1501-66P Clear Blowing Cullet 250 lb barrel 390.00 | Clear Blowing Cullet 250 lb barrel 390.00 |  |  |  |
| For pricing on quantities of 250 lbs or more, please contact the Bullseye factory (503.232.8887). |  |  |  |  |


| MORE STRINGER |  |  |
| ---: | :--- | :--- |
| tube |  |  |
| $8418-07$ | Mixed colors, 1 mm | 21.70 |
| $8418-72$ | Mixed colors, 2 mm | 21.70 |
| 0100-07F-dichro25 | \& Black dichro stringer, 1 mm | 21.70 |
| 0100-72F-dichroI2 | \& Black dichro stringer, 2 mm | 21.70 |
| 1101-07F-dichro25 | \& Clear dichro stringer, 1 mm | 21.70 |
| $1101-72 \mathrm{~F}$-dichroI2 | \& Clear dichro stringer, 2 mm | 21.70 |


| SIZZLESTIX |  | NARROW -30 |  | WIDE -60 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | - each | 18/tube | * each | 12/tube |
|  | MIXED DICHROIC |  |  |  |  |
| 0100-09F | Black | 9.10 | 162.60 | 13.60 | 162.60 |
| 1101-09F | Clear <br> RAINBOW DICHROIC | 9.10 | 162.60 | 13.60 | 162.60 |
| 0100-71F | Black | 9.10 | 162.60 | 13.60 | 162.60 |
| 1101-71F | Clear | 9.10 | 162.60 | 13.60 | 162.60 |
| -30 Narrow Sizzle Stix are $1 / 8^{\prime \prime}$ ( 3 mm ) wide |  |  |  |  |  |


| D\\|CHRO\|CS |
| :---: |
| See our selection of $3 \times 3$ inch <br> dichroic glasses at <br> www.bullseyeconnection.com/dichroic |



Judith Conway, "Chesapeake Waters II," 2004. Fused and cold-worked glass with gold leaf and mica, $161 / 2 \times 24 \times 6$ in. (including stand). See detail image on page 5 .

Bullseye has long been known for the consistency of its product line. At the same time, our glass is a handmade product and, as with runs of virtually any colored material - from fabric to wallpaper to carpeting - there will be variations from run to run and from sheet to sheet. Keeping the following in mind may help you to better interpret and use our sample sets:
Mid-range approximations: The samples in our sets are selected to best represent the surface color, texture and transmitted light qualities of the middle of our color range. Actual glass may vary slightly.
Wider color variations on fusible glass: With some glasses designed for fusing it is virtually impossible for the cold sheet to have a color identical to the sheet after fusing. For our samples, we select cold (pre-fused) sheets which are as close as possible to the fired color. In many cases, however, the actual sheets will look less similar to the fired color than the sample does. This is largely related to the phenomenon of "striking" during fusing, in which the true color of the glass only appears after it is reheated in the kiln. Striking is most common in the complex colors: reds, yellows, oranges, and pinks made with gold.


Master Kilnforming Sample Set
Includes every standard (and a few samples of non-standard) color and shape of glass Bullseye makes for kilnwork. Set of 4 volumes in sturdy, easy-to-transport shelf case. The set contains samples of thins and doublerolled sheet glass, frits, stringers, confetti, rod, iridescents and textures. With approximately 520 separate samples there is not another set nor another system on the market that gives you this kind of range for your kilnwork!
$8122 \$ 130.00$


## Master Stained Glass Sample Set

The complete reference to Bullseye for the stained glass designer. Over 350 separate samples including all the opalescents, cathedrals, iridescents, thins, and collage glasses in $21 / 2^{\prime \prime} \times 3^{\prime \prime}$ samples. The larger $3^{\prime \prime} \times 5^{\prime \prime}$ samples of ring mottles, streakies and ripples assure a generous view of our most exotic offerings.
$8121 \$ 110.00$

## Rod Sample Set

This 2-page easy reference chart, pictured on page 29, features Bullseye's full line of 82 rods for flame or kilnwork plus 4 samples of dichroic Sizzle Stix (each sample piece is $1^{\prime \prime}$ long) and one sample each of 1 mm and 2 mm stringers.
$8130 \$ 25.00$
Casting Sample Set
22 cut billet rectangles show Bullseye's 20 tinted colors for casting, plus standard Clear and lead-free Crystal Clear. This set may be used as a color guide for selecting billets or cullets. To best predict color, view the sample through the side with the dimension that most closely matches the thickness of your planned project. Each billet sample measures approximately $11 / 2 \times 21 / 2 \times 3 / 4$ inches.
8103 \$35.00


## Dichroic Sample Set

Our Dichroic Sample Set features 30 samples coated by CBS (Coatings by Sandberg). Samples are permanently mounted and sealed onto two cards to fit into your Master Kilnforming Sample Set. Samples measure $11 / 2^{\prime \prime}$ square.

Bullseye carries $3 \times 3$ inch cut pieces of CBS dichroic glass in about 60 styles. For more information see our dichroic glass web page at www.bullseyeglass.com/dichroic


## SAMPLE SET UPDATES

2005 Casting Sample Set Update
If your casting sample set was purchased before 2005, double your selection by ordering the 2005 update set, including II new colors. Each billet piece measures approximately $11 / 2 \times 21 / 2 \times 3 / 4$ inches.
$8104 \quad \$ 12.00$


2004 Stained Glass Sample Set Update
If the registration number of your Master Stained Glass Sample Set (SB-SG) is below 19641, you'll want to order this Update set which includes 31 new colors in
$21 / 2^{\prime \prime} \times 3^{\prime \prime}$ pieces.
$8132 \$ 12.00$

## 2004 Kilnforming Sample Set Update

If the registration number of your Master Kilnforming Sample Set (SB-KF) is below 20804, you'll want to order this Update set which includes 32 new colors in $2^{\prime \prime} \times 2^{\prime \prime}$ pieces mounted in plastic sheets for easy integration into your Master SB-KF set.
$8133 \quad \$ 12.00$
Coming Soon: 2005 Sample Set Updates
When the new sample sets are available, we will announce them on the "What's New" page in the Resource Center section of our website at www.bullseyeglass.com

## 2005 Rod Sample Set Update

If you have the pre-2005 one-page Rod Sample set, refer to the 34 new styles with this update.
$8131 \quad \$ 12.00$

## REPLACEMENT SAMPLES

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

Replacements for Master Kilnforming Sample Set Sample 1, 2" $\times \mathbf{2 "}^{\prime \prime} \$ 1.15$

Replacements for Master Stained Glass Sample Set Sample 2, 2 1/2" $\times 3^{\prime \prime} \quad \$ 1.15$

Replacements for Ring Mottles, Ripples, Streakies In the Master Stained Glass Sample Set, the ring mottles, ripples, and streakies samples are larger for more accurate pattern representation.
Sample 3, $3^{\prime \prime} \times 5^{\prime \prime} \quad \$ 2.25$


NOTE Packing specifications refer to standard thickness ( $1 / 8^{\prime \prime}-3 \mathrm{~mm}$ ) full sheets. Thin sheets ( $3 / 32^{\prime \prime}-1.6 \mathrm{~mm}$ ) and thick sheets ( $1 / 4^{\prime \prime}-6 \mathrm{~mm}$ ) specifications will vary. Call for details.

## FRIT

Bullseye frits are available in 4 grain sizes:
COARSE (-03) ranges from 2.7 to 5.2 mm
Passes through a 4 mesh screen and is retained on an 8 mesh screen.

MEDIUM (-02) ranges from 1.2 to 2.7 mm
Passes through an 8 mesh screen and is retained on a 16 mesh screen.

FINE (-oו) ranges from 0.2 to 1.2 mm
Passes through a 16 mesh screen and is retained on an 80 mesh screen
POWDER (-08) $\quad 0.2 \mathrm{~mm}$ and finer
Passes through an 80 mesh screen.

5 pound ( $\approx 2.3$ kilograms) clear plastic jars. I pound ( $\approx 454$ grams) clear plastic jars. 40 pound ( $\approx 18 \mathrm{~kg}$ ) white plastic bucket

## STRINGER

| 1 mm | DIAMETER | ranges from 0.7 to 1.2 mm |
| :--- | :--- | :--- |
|  | LENGTH | $\approx 17^{\prime \prime}(43 \mathrm{~cm})$ |
|  |  | AVG. WT $\approx 6.4$ oz. ( $\approx 18 \mathrm{I} \mathrm{gr})$. |

1 mm : Clear acrylic tubes $18^{\prime \prime}(45 \mathrm{~cm}) \times 3 / 4^{\prime \prime}(19 \mathrm{~mm})$ diameter. Average 150 pieces per tube. Each tube holds stringer sufficient to cover about $1.5 \mathrm{sq} \mathrm{ft}\left(1393 \mathrm{~cm}^{2}\right)$ of surface area.

2 mm : Clear acrylic tubes $18^{\prime \prime}(45 \mathrm{~cm}) \times 3 / 4^{\prime \prime}(19 \mathrm{~mm})$ diameter. 55-60 pieces per tube.
1 mm and 2 mm bulk stringer without tubes is available in boxes containing $10 \mathrm{lb}(4.5 \mathrm{~kg})$ per color. Each box measures $20 \times 3.5 \times 3.5 \mathrm{in}(51 \times 9 \times 9 \mathrm{~cm})$

## CONFETTI

Paper-thin glass shards from $1 / 4^{\prime \prime}(6 \mathrm{~mm})$ or less to $3^{\prime \prime}(75 \mathrm{~mm})$ at their longest dimension.

Single colors: । pound ( $\approx 454$ grams) clear plastic jars. 4 OZ ( $\approx 114$ grams) clear plastic jars.
MiniMix: $80 z$ ( $\approx 228$ grams) clear plastic jar.
2 lb ( $\approx 908$ grams) clear plastic jar.

ROD (For Sizzle Stix details see page 29.)
$17^{\prime \prime}(43 \mathrm{~cm})$ long $\times 3 / 16^{\prime \prime}(4-6 \mathrm{~mm})$ diameter
Sold individually and by the pound, in $3 \times 3 \times 20$ in $(8 \times 8 \times 51 \mathrm{~cm})$ cardboard cartons, holding up to $5 \mathrm{lb}(2.3 \mathrm{~kg})$, or in $6 \mathrm{I} / 2 \times 33 / 4 \times 18 \mathrm{I} / 2 \mathrm{in}(17 \times 10 \times 47 \mathrm{~cm})$ cartons holding up to $10 \mathrm{lb}(4.5 \mathrm{~kg})$.

## CULET

Blowing and casting cullets are packaged in plastic buckets holding $40 \mathrm{lb}(18.2 \mathrm{~kg})$ each, or fiber drums, $21^{\prime \prime}$ dia., $36^{\prime \prime}$ tall ( 53.4 cm dia., 91.6 cm tall) holding $250 \mathrm{lb}(113 \mathrm{~kg}$ ) each.

Chunks range in size from $1 / 2 \times 1 / 2$ in $(1.5 \times 1.5 \mathrm{~cm})$ to $1 / 2 \times 6$ in $(1.5 \times 15.2 \mathrm{~cm})$
Specific gravity for most Bullseye glasses is about 2.5.

## BILLETS

Approx. $5 \times 10 \times 3 / 4 \mathrm{in}(12.5 \times 25 \times 1.9 \mathrm{~cm})$ per billet Approx. $3.5 \mathrm{lb}(1.6 \mathrm{~kg}$ ) per billet Specific gravity for most Bullseye glasses is about 2.5.
to billets per $11 \times 6 \times \mathrm{II}$ in $(28 \times 16 \times 28 \mathrm{~cm})$ box.
Approx. $35 \mathrm{lb}(15.8 \mathrm{~kg})$ glass per box. Gross weight approx. $38 \mathrm{lb}(17 \mathrm{~kg})$.

PLACING AN ORDER BY PHONE, FAX OR E-MAIL

Through the Bullseye Resource Center: Orders of fewer than 30 full sheets and items that are available only through the Resource Center should be directed here.

- Call toll free 888.220.3002 from 8 am to 6 pm Pacific Time, Monday through Friday.
- Fax your order to
503.227.3130.
- Or e-mail it to:
resourcecenter@
bullseyeglass.com.
Include your name and a daytime phone number and a Bullseye representative will call you to confirm availability and prices.


## Through the Bullseye Factory:

 Orders of more than 30 full sheets.- Call us at 503.232.8887 from 8 am to $4: 30 \mathrm{pm}$ Pacific Time, Monday through Friday.
- Fax your order to 503.238.9963.
- Or e-mail it to: sales $\begin{aligned} & \text { bullseyeglass.com. }\end{aligned}$

Include your name and a daytime phone number and a Bullseye representative will call you to confirm availability and prices.

## Through a Bullseye Dealer:

We are happy to provide you with the name of a Bullseye dealer near you.
Just call 503.232.8887, fax 503.238.9963, or e-mail us sales $\begin{aligned} & \text { bullseyeglass.com }\end{aligned}$

## International Orders:

For inquiries, requests, and orders outside of the United States and Canada, please e-mail internationalsales $\varnothing$ bullseyeglass.com.

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, and American Express.
Personal and business checks accepted. Sorry, no COD shipments via the Resource Center. Credit and COD shipments are available only through the Bullseye Factory.
Call 503.232.8887 for further information.

## Gift Certificates

For the glass-lover in your life, what about a gift certificate? Let us know the amount, the name, as well as the address of the recipient. Call toll free 888.220.3002.

## PACKING

Built to survive unimaginable brutality, 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 $10 \times 10, \$ 10.00$; for half sheets, $\$ 18.00$; for full sheets, $\$ 60.00$ (can be returned for a $\$ 50.00$ credit). Each box can hold eight 3 mm sheets.

Factory sheet glass orders will be packed into sturdy wooden crates. Crates are 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

Before returning merchandise to the Resource Center or the Bullseye Factory, please call us for authorization and instructions. A credit will be issued for merchandise returned in good condition within 30 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. Contact us immediately. We will file the claim with UPS on your behalf and will 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, please e-mail them to: resourcecenterø bullseyeglass.com or fax them to: 503.227.3130. We will forward your inquiry to a technician who will respond within the week.

## SHOPPING IN PERSON

## Bullseye Resource Center

is located at 3610 SE 2ISt Ave., Portland, OR 97202.

Open: Mon-Fri ı-6,
Sat $10-5$, Sun 12-5

## Bullseye Factory

is located at 3722 SE 21st Ave., Portland, OR 97202.
The factory sales department is open by appointment only. Call 503.232.8887 to learn more about factory purchasing requirements.

ORDERED BY:


SIGNATURE__ DATE
 Inquire about our Professional, Volume, Student/Faculty, and Wholesale discount programs.

A Bullseye Glass Co. T-shirt
Now available in both men's and women's styles! Men's shirts are classic style, $100 \%$ black cotton. Women's shirts have a shorter waist and sleeves, in $100 \%$ cotton. Specify $S$ (women only), M, L, XL, XXL when ordering.
F8855 Men's Black $\$ 8.00$ F8856 Women's Black $\$ 18.00$

B Bullseye Compatible T-Shirt The ultimate guarantee-you "fit." 100\% preshrunk heavyweight cotton, pigment-dyed, generous cut with Bullseye Compatible logo. Shortsleeved. Specify M, L, XL, XXL when ordering:

| F8831 Khaki Green | $\$ 15.00$ |
| :--- | :--- |
| F8832 Yam | $\$ 15.00$ |
| F8833 Washed Plum | $\$ 15.00$ |

C Factory Cats T-shirts
While the boss is away, the cats will...rock. Original Kéké Cribbs "Catspaw" design comes two ways:
I. Black long-sleeved T with white image. $100 \%$ pre-shrunk heavyweight cotton.
F8861 Black
$\$ 18.00$

Specify size M, L, XL, XXL.
2. NEW White short-sleeved T with black image. American Apparel brand $100 \%$ cotton T. F8834 White $\$ 15.00$ Specify size M, L, XL, XXL. Note: sizes run small for this style only.

## ORDER TOLL FREE

 $\underset{\substack{M-F \cdot 8 a m-6 p m \\ \text { PACIFIC TIME }}}{\substack{0 \\ \hline}}$BULLSEYE RESOURCE CENTER
Prsrt Std
U.S. Postage

PAID
Portland, OR
Permit No. 11

Toll free order line: 888.220.3002
Local order line: 503.227.3002
Store: 503.227.2797
Fax: 503.227.3130

> Think Big.

Think Smart. Think Bullseye.


[^0]:    * Haven't seen all that "longer working range" and "jiggly wiggly" stuff around lately? It's comforting what a little laboratory testing and a well-aimed lawsuit for false advertising can do to clean up the "knowledge" out there in the marketplace. To learn more, go to the Get Smart section of our website www.bullseyeglass.com/connection/getsmart

[^1]:    Numbers below product name refer to available styles in each color. See page 5 for key. $\mathrm{FP}=$ Frit $\varepsilon$ Powder $\cdot \mathrm{CN}=\mathrm{Confetti} \cdot \mathrm{ST}=\mathrm{Stringer} \cdot \mathrm{RD}=\mathrm{Rod}$

[^2]:    1417 EMERALD GREEN
    $\begin{array}{lllll}00 & 30 & 31 & 50 & 51\end{array}$
    FP/ST/RD

[^3]:    Numbers below product name refer to available styles in each color. See page 5 for key. $\mathrm{FP}=$ Frit $\varepsilon$ Powder $\cdot \mathrm{CN}=\mathrm{Confetti} \cdot \mathrm{ST}=\mathrm{Stringer} \cdot \mathrm{RD}=$ Rod

[^4]:    ORDER TOLL FREE

[^5]:    Detailed specifications for all kilns available on request

[^6]:    NOTES: See page 13 and 14 for more details.

