

MOUNTAINGLASS.COM ASHEVILLE, NC & EUGENE, OR

At Mountain Glass we believe in conservation & preservation of our natural resources. Here is what we are doing about it.



In cooperation with American Forests we will have a tree planted for every order of over \$100.

Over 67,000 trees planted to date!

MOUNTAIN GLASS OPERATES ON 100% GREEN POWER

With help from NC GreenPower Mountain Glass is now annually supporting 88,800 kWh of cleaner, renewable energy. The amount of coal consumed annually to produce this equivalent amount of energy is 71,928 lbs. (UPDATED 1/8/16) As calculated by NC Greenpower

The generation of this amount of renewable energy will annually offset:

- 12,000 pounds of carbon dioxide (CO2)
- 37 pounds of sulfur dioxide (SO2)
- 15 pounds of nitrogen oxides (NOx)

The annual reduction of CO2 emissions is environmentally equivalent to:

- 17,010 miles not driven OR
- 413 days not driven OR
- 923 trees planted

By partnering with TerraPass all of our outgoing truck shipments are carbon neutral.

Our glass case size shipping boxes are made with 33% recycled content!

NC GREENPOWER is a statewide effort to improve the environment by using "green power," electricity generated from renewable resources such as solar, wind, biomass and water. The non-profit NC GreenPower organization is the result of collaboration among electric utilities, environmentalists, state regulators and energy generators.

Mountain Glass donates to the following organizations.

- THE CANARY COALITION coordinates public events that both educate public
 officials and focus national attention on the air quality problems
- DOGWOOD ALLIANCE Southern forests are some of the most diverse temperate forests on the planet and also the world's biggest source of pulp and paper. Dogwood Alliance safeguards its environmental and economic value.

Our office paper contains 30% recycled content and we recycle all paper, paperboard packaging, cardboard, glass & aluminum here in our building!

This catalog is printed on FSC® certified paper. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests.

This catalog paper has been grown and harvested using environmentally and socially responsible practices. Forestlands that meet the rigorous standards of the Forest Stewardship Council®.

why buy from mountain glass



ounded in 2002 by glass artists with the goal of supplying the highest level of customer satisfaction in the industry, Mountain Glass is the nation's premier borosilicate glass supply companies. Mountain Glass is located in Asheville, North Carolina and ships to all 50 states and worldwide.

WHY buy from us? We pledge to give you the best service in the industry and here is exactly how we provide it.

- Our primary goal is to be **friendly, knowledgeable, helpful, expedient and accurate** when answering your questions and processing orders. Please call us anytime, for any reason, if you have a concern or question, and we will be glad to help.
- Guaranteed same-day shipping on every UPS order placed by 2:30 pm EST with a goal to ship all orders after 2:30 pm EST the same day.
- We are environmentally focused:
 - In cooperation with American Forests, a tree is planted for every order over \$100, with over 65,000 trees plated to date.
 - With the help of TerraPass, all freight shipments are sent carbon neutral
 - Via NC Greenpower, 100% of our electric consumption is offset with renewable energy
 - We now use soy-based packing foam
- We have the industry's leading shipping calculator. Instant and accurate shipping quotes with multiple options on checkout.
- Most all back orders are sent without shipping or handling charges. (See Ordering Guidelines for exceptions.)
- Mountain Glass is a Living Wage Certified employer. We value our employees and believe in improving the conditions for working people, businesses
 and our local economy.
- We offer price matching. In most instances we can offer the same pricing offered by other suppliers.
- Tags with Tips! We label every stick or group of color ordered for easy identification. We also have a tip for working each color printed on the label.
- We are here to help. The person taking your order will have knowledge of all our products or they will get you to someone who does.
- We have no minimum order and shipping charges are billed exactly as we are charged for them.
- Tired of cleaning up after you open your order? Not anymore.
 We ship using the Instapak foam system. Just lift out 1 foam insert and grab your glass. No mess! We NEVER buy foam peanuts, but we do occasionally recycle the ones we receive and send them out in small orders. You may always request no peanuts if they bother you.
- We take Care and Pride in every order. We have established systems to ensure maximum accuracy and minimum breakage.
 99.5% of our orders arrive intact without damage or error.
- We offer excellent discounts for high-volume customers.
- We are kind.

We look forward to serving you and hope you will give us the opportunity to do so. Please call if you have any questions.





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I Stop and shop in our showroom



ur warehouse is open to the public for retail shopping. All of the products we carry are on display. We are located just minutes from downtown Asheville, NC in the River Arts District. Our shop is open from 10:00 am to 6:00 pm Monday through Friday, except on major holidays. If you plan on stopping in our store you may also call ahead with your order and it will be ready when you arrive.

If you don't see something you would like, please let us know and we will do our best to stock it.

We work hard to ensure your complete satisfaction with every order and product that leaves our building. If you are not 100% satisfied for any reason please contact us and allow us the chance to resolve the issue.









ORDERING GUIDELINES

Thank you for your interest in Mountain Glass!

We look forward to providing you with excellent service and a growing, innovative product line.

- Shipping Guarantee Orders received by 2:30 PM (EST) on normal business days are guaranteed to ship the same day or your shipping charges for that order will be refunded. Guarantee applies to domestic orders shipping UPS that contain no out of stock items. If this does not happen, the shipping for that order will be refunded. We do our best to ship all orders placed later the same day as well, and can guarantee these orders will ship the same day with the addition of a \$10.00 rush charge.
- Shipping Specifics

 Mountain Glass has the industry's leading shipping calculator. Your order will be analyzed to determine what size box/boxes it will ship in as well as if it will be less expensive to cut any 4ft or 5ft long tube/rod that may be included in your order. You will also be given a variety of shipping options to choose from during the checkout process.
- Backorder Policy If you order a product that is out of stock, we will contact you as soon as possible to see if you would like to substitute another item. If we do not hear from you within 24 hours, we will ship the order minus the out of stock item and remove the out of stock item from the order. If you choose, we can also back order the item. When the backordered product arrives to Mountain Glass, we will call and wait 2 days for confirmation from you before we ship the item. Backorder items ship free of shipping and handling charges (except for 5ft long tube and rod, kilns, oxygen concentrators, items requiring freight shipment, or anything that would have shipped separately from the original shipment).
- Adding To or Changing An Order
 — Once an order has been packaged, we cannot add or remove items. Please have your order complete at the time of ordering. Remember that we guarantee orders to ship the same day, so we move fast!
- Insurance We insure all outgoing shipments with the carrier. However, the insurance does not guarantee they will pay the claim. If you have a damaged box, it is very important to immediately call us. Please do not file the damage claim with UPS. We are very experienced in working with these claims and getting the maximum refund. It is very important that you follow our requests in taking photos, saving the box, all packing materials for possible inspection by the carrier. You MUST also be available to return calls from us or the carrier in prompt time frame, so we can help you.

- Payment Policy We accept Visa, MasterCard, Discover, American Express, and PayPal. We also will accept prepayment with a check or money order (personal checks require 2 weeks from receipt to clear). Due to the trouble of processing multiple payment options, we can only accept a maximum of 2 payment options to split payment on a single order.
- Damage to Shipment, Missing Items etc. If there are issues with your shipment please notify us as soon as possible. After 5 business days from receipt, we are unable to place claims with the shipping company to request a refund. If items are missing or not correct we are also unable to issue refunds or ship replacement products due to the package being out of our hands for so long. It is your right to inspect your package while the delivery company waits for your signature. Once you sign for the shipment you are waiving your right to future claims unless you note damage.
- Return Policy First and foremost we want you to be 100% satisfied with every purchase. If you order a product and are not completely satisfied with it you may return the item(s). You must notify Mountain Glass of the return within 20 business days of receiving the product so that we can provide you with a Return Authorization Number (RA). Items must be received within 20 days of the RA being created. Once the merchandise is received in new condition with the original packaging a store credit or credit card/check refund will be issued for the full amount of the merchandise, and may be subject to a 20% restock fee.
- Cutting Fees Please Note: Our on-line shipping calculator will
 analyze your order to see if it is cheaper to cut your glass or ship it full
 length. If it is determined that we can save you money by cutting your
 4ft or 5ft tubing/rod we will do so. If you do not want us to cut your
 glass please add a note in the comment section of your order.

Be aware that requesting we not cut your glass when it is suggested we do so OR requesting your glass to be cut when it is suggested we don't can increase your shipping total dramatically.



- Online Stock Status Products that are not drop ship items and are not in stock will display an out of stock message to let you know. We will continue to contact you if you order an out of stock item to update you on the status of the product and offer related items. If an out of stock product prevents you from ordering from us please call and check the status. Most items are already on the way to us if they are out of stock and will be shipped promptly when they arrive.
- Pricing Guidelines The prices in this catalog are current at the time of printing, but can change without notice.
- Price Matching We offer price matching so our loyal customers do not have to shop elsewhere. Coupons or discount codes cannot be used in addition to a price match. We reserve the right to decline to match a price, but in most cases we will honor verifiable price match requests. In order to qualify for a price match, the following conditions must be met:
- The product must be in-stock and ready to ship that day on the lower priced site. The price must be displayed online or you must have paperwork showing you have purchased the item at said price recently and it shipped to an address on your account.
- 2. The item must be exactly the same as the product you want to order from us.
- The price match must be requested before or during your order with us. No requests will be honored once the item has shipped.
- Borosilicate & Soft Glass 104 COE Color Rod Discounts —
 Color rods are subject to quantity price breaks. If you order combined quantities (does not include odd or second quality glass or Double Helix) of at least 5 pounds in a minimum of quarter pound increments you will receive additional price discounts. They are as follows.
 - 5-9 pounds 20% discount
 - -10-24 pounds 25% discount
 - Over 25 pounds is a 30% discount

This discount will not show up in your shopping cart — it will be deducted from your invoice at the time of order processing.

- Monthly Sales and Weekly Sales

 Each month and generally each week, Mountain Glass has items on sale. You can view these sale items on our website at MountainGlass.com under the Sale tab.
- Wholesale Pricing Mountain Glass now has 5 wholesale pricing levels and teaching facility pricing. If you blow glass full time, are a high volume shop or have a retail store front selling lampworking supplies, give us a call. You may qualify for wholesale pricing.
- Club Pricing The Color Club Membership is an excellent way to save money! For only \$100 per year you receive the benefit of getting: 30% off most all color rod, frit and Pyrex as well as 10% off Simax and Schott. The color companies include: Northstar, Glass Alchemy, Momka, TAG, Parramore, BoroBars/Origin, and is discounted off Chinese color tubing and rod. This fee is charged on the date that you sign up and the pricing is in effect for one year from that date.



Our next generation of glass blowers!

NORTHSTAR COLOR CHART

NORTHSTAR COLOR CHART NSOO1 Cobalt NS003 Multi NS004 Dark Multi NSO05 Orange NS006 Dark Orange NS007 Ruby NS009 Yellow NSO11 Jade NS014 Irrid NS015 Turquesa NS007L Light Ruby NS008 Dark Ruby NS013 Amber Purple NS019 Light Cobalt NSO20 Dark Cobalt NS023 Pink NS024 NSO25 Peach NS027 Green Exotic NS026 Transparent Green Double Amber Purple NSO29 Red Exotic NS032 Violet NS033 Turbo Cobalt NS034 NS037 Rootbeer NS028 Blue Exotic NSO31 Lavender Extra Light Yellow NSO48 Light Blue Amber Purple NSO43 Rust NSO44 Caramel NS045 Blue Moon NS038 Blue-Green NSO41 Butterscotch NSO47 Aurora NSO49 Dark Blue NS053 Forrest Green NS054 Star White NS055 Periwinkle NS057 Midnight NS058 Mint NSO62 Bubblegum Amber Purple NS063 Canary NSO64 Lava NS065 Cherry NS066 Sublime NSO69 Green NS070 Ice Blue NS072 Glacier Blue

Amber Purple

NORTHSTAR COLOR CHART



NORTHSTAR COLOR CHART (CONT.)



NORTHSTAR COLOR CHART/TRAUTMAN ART GLASS

NORTHSTAR COLOR CHART





NS153 Nemo

TRAUTMAN ART GLASS COLOR CHART





TRAUTMAN ART GLASS COLOR CHART (CONT.)



TG26 Stag White



TG27 Blue Stardust



TG30 Heavy Blue Leprechaun



TG32 Dwarf White



TG33 Knight Rider



TG34 Queen Bee



TG35 Mai Tai Pink



TG36 Heavy Blue Stardust



TG37 Mighty Moss



TG38 Double Mai Tai



TG39 Mega Mai Tai



TG40 Sasha's Oil Slick



TG41 Whiteout



TG42 Champagne Sparky



TG43 Sparky



TG44 Green Stardust



TG45 Green X



TG46 Green X Light



TG48 Heavy Xenon Green



TG49 Heavy Teal



TG50 Dense Slyme #3



TG52 Orange Elvis



TG53 Honey Badger



TG54 Darth Badger



TG55 Pink Slyme



TG56 lo Star



TG57 Europa Star



TG58 Shooting Star



TG59 Pink Lollipop



TG60 Purple Lollipop



TG61 Sea Slyme



TG62 Blue Slyme



TG63 Slyrm



TG64 Blu-V



TG65 Dark Blue Slyme



TG66 Syzygy (CFL)



TG67 Atomic Stardust (UV)



TG68 Fade to Black



TG70 Tropical Green



TG72 Sunset Slyme

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TRAUTMAN ART GLASS/GLASS ALCHEMY, LTD.

TRAUTMAN ART GLASS COLOR CHART (CONT.)











TG77 Secret White

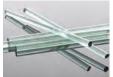
GLASS ALCHEMY, LTD. COLOR CHART

GLASS ALCHEMY, LTD. BOROMAX® COLOR PALETTE













GA0104 Red Crayon - Neo-Cad™

GA0132 Jasper Red - Heritage Batch

GA10000 Lime Drop First-Gen Transparent

GA10001 Ultramarine -First-Gen Transparent

GA10002 Belladonna -First-Gen Transparent

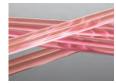
GA10003 Quicksilver -First-Gen Transparent













GA10006 Prince -First-Gen Transparent

GA10007 Plasma -First-Gen Transparent

GA1933 Half Blood

GA1939 Dragon's Blood

GA1995 Serum -Next-Gen Transparent

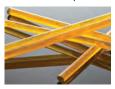
GA1692 Rozay -Next-Gen Transparent













GA2090 Hot Sauce - Neo-Cad™



GA2383 Persimmon Strike



GA0287 Amazon Bronze

GA0301 Acid Yellow Crayon -Neo-Cad™





Tequila Sunrise









GA0304 Yellow Crayon - Neo-Cad™

GA3090 Citron - Neo-Cad $^{\mathsf{TM}}$

GA0380 Singular Passion

GA0385 Silver Strike-5

GA0386 Purple Luster

GA0403 Chartreuse Crayon -Neo-Cad™

GLASS ALCHEMY, LTD.

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GLASS ALCHEMY, LTD. COLOR CHART (CONT.)



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GLASS ALCHEMY, LTD.

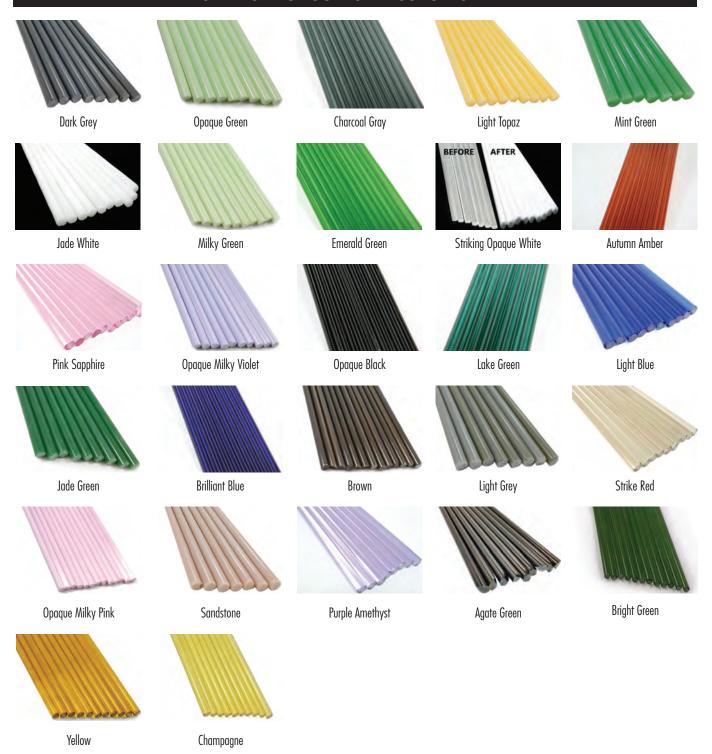
GLASS ALCHEMY, LTD. COLOR CHART (CONT.)



CHINESE BOROSILICATE

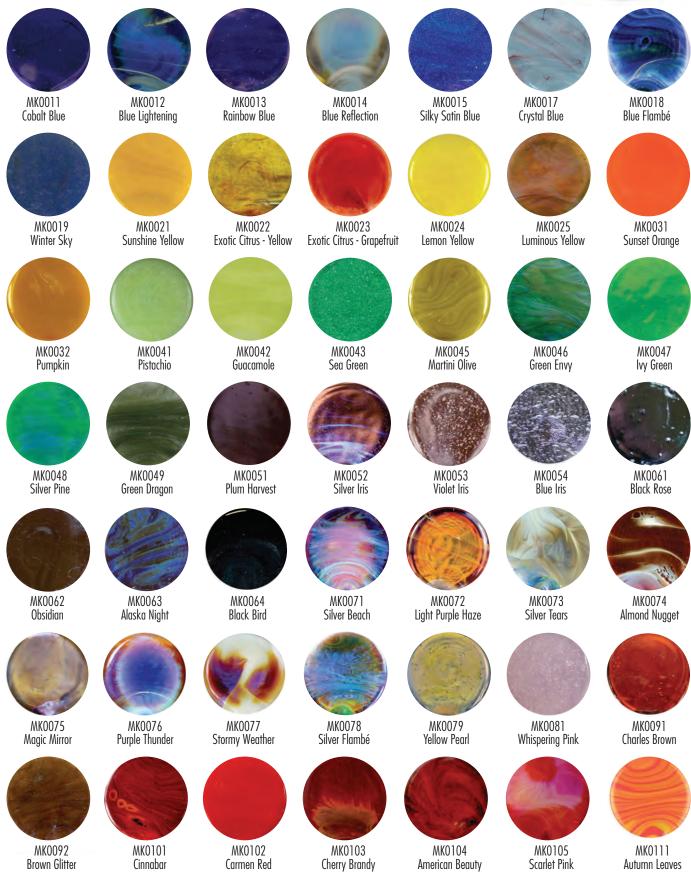


CHINESE BOROSILICATE COLOR CHART











MOMKA'S GLASS COLOR CHART



boro brilliance

glass

Moonlight Sonata



Rhapsody In Blue



MK0114 Autumn Swirl



MK0115 Caribbean Coral



MK0116 Infinity



MK0117 Infinity 2



MK0118 Gypsy Queen



MK0119 Blue Treasure



MK0131 Marlee



MK0132 Amethyst Ice



MK0133 Halloween



MK0134 X-Mas



MK0135 Silver Dance



MK0136 Matador



MK0138 Sparkly Thunder



MK0141 Silver Aqua



MK0151 Sunflower



MK0152 Gerber Pink



MK0153 Gerber Red



MK0154 Antique Beauty



MK0155 Cherry Blossom



MK0137 Apache



MK0157 Forget Me Not



MK0181 Purple Spirit



MK0182 Melba Melange



MK0183 Sweetheart



MK0411 Green Flambé



MK0412 Sparkly Green



MK0413 Shimmering Blue Emerald



MKO414 Brisk Light Green



MK0415 Wasabi



MK0710 Aurora Borealis



MK0711 Violet Medley



MK0712 Cloud



MK1110 Infinity 3



WK1111 Cirque



MK1112 Yellow Submarine



MK1113 Mystic Rose



MK1114 **Greener Trails**



MK1115 Aurora Trails



MK1116 Orchard Plum



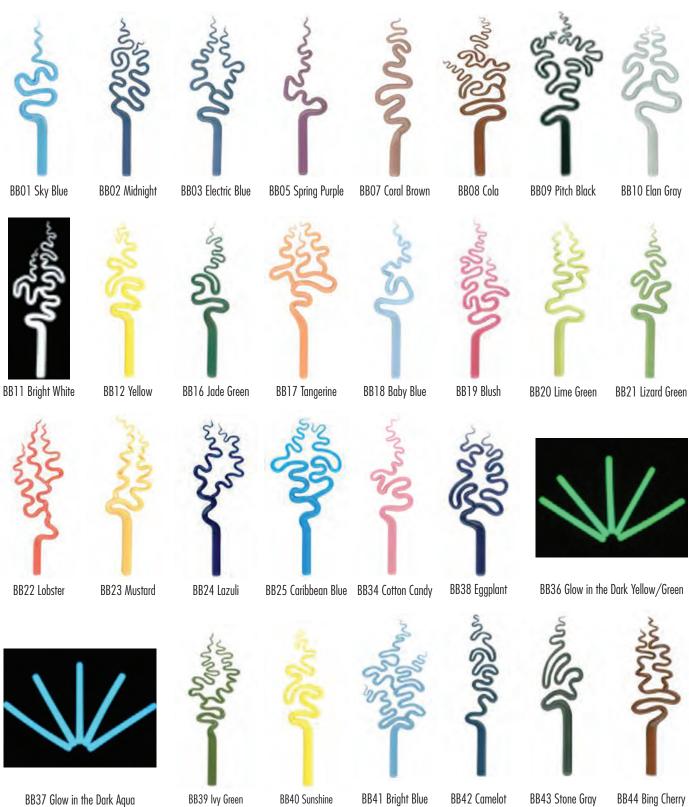
MK1117 Marlee 2



MK1151 Violet Hue

ORIGIN GLASS COLOR CHART







ORIGIN GLASS/GILSON OPALS/HINDU KUSH COLOR



ORIGIN GLASS COLOR CHART



BB45 Indigo

BB46 Ozone

BB47 Elephant Gray

BB48 Uber Blush

BB49 Ivory Tusk

BB50 Purple Passion

BB51 Tawny

GILSON OPALS



Blue GLOBLUE_P



Green GLOGREEN_P



Mint GLOMINT_P



Orange GLOORANGE_P



Pink GLOPINK_P



Rainbow GLORAINBOW_P



White GLOWHITE_P



Black GLOBLACK_P



RGB GLORGB_P

HINDU KUSH COLOR





White HK14



Cream HK15



Black HK16



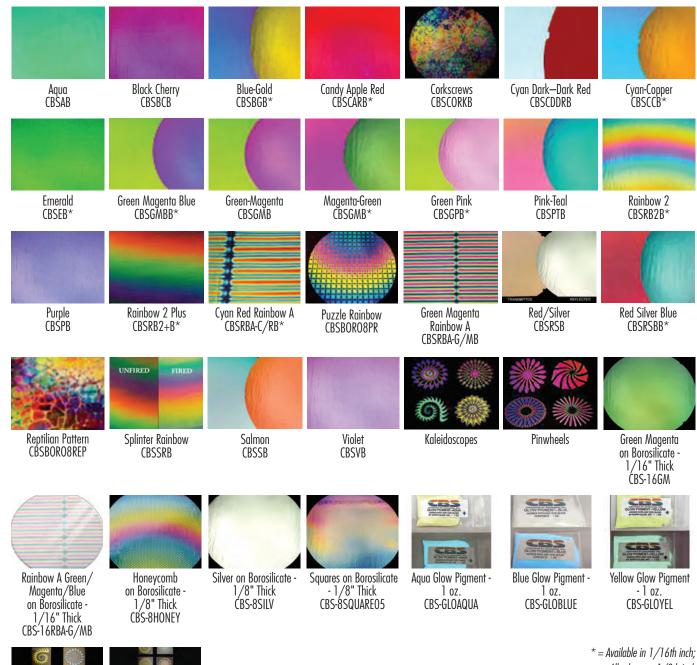
Juniper Green HK18



Marigold HK19

CBS – COATING BY SANDBERG

CBS DICHROIC BORO GLASS COLOR CHART





Kaleidoscope Dichro Pinwheel Boro Large - 1" CBS-KLD-LGPKG



Kaleidoscope Dichro Pinwheel Boro Medium - 3/4" CBS-KLD-MEDPKG

^ = Available in 1/16th inch; All others on 1/8th inch



GREASY GLASS TUBING COLOR CHART

Due to the evolving nature of the Greasy Glass product line, please visit mountainglass.com/brand/Greasy for the most up to date color list.



Dense Blue Cheese GYT01



Pink Over White GYT07



Pink Cheese GYT08



Baby Blue Cheese GYT10



Purple Rainbow GYT12



Greasy Purple GYT14



Ganja Butter GYT23



Robin's Egg GYT32



Shifty Peach Cheese GYT34



Shifty Peach GÝT35



Opaque Shifty Peach GYT41



Shifty Peach Satin GYT42



GREASY GLASS ROD COLOR CHART

Due to the evolving nature of the Greasy Glass product line, please visit mountainglass.com/brand/Greasy for the most up to date color list.



Dense Blue Cheese **GY01**



Baby Blue Cheese GY10



Purple Rainbow GY12



Greasy Purple GY14



Samurai (Black Light Reactive) GY18



Samurai (UV-A) GY18-C



Dense Shifty Peach Cheese GY34



Shifty Peach GÝ38



Shifty Peach Satin GY42



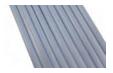
Milky Yoshi GÝ46



Autumn Agate **GY63**



PB & Jelly GY65



Skywalker GY66



Jungle Juice GY82



Neo Opal CFL **RES220**

GOLDEN GATE TUBING COLOR CHART



Air Water GGT01



City Sunset GGT02



Dead Steel GGT04



Fade to Dead GGT05



Fade to Bling GGT07



Fade to Rainbow GGT09



Fade to Steel Rasta GGT10



Fire Air GGT11



Fire Water GGT12



Four Color GGT13



Freshwater Oil GGT14



Half Stack Jailhouse Rainbow GGT16



Jailbird GGT17



Jailhouse Rainbow GGT18



Jailhouse Rasta GGT19



Rainbow GGT20



Rainbow Black Lines GGT21



Rasta GGT22



Rasta Black Lines GGT23



Fade to Air GGT27



Fade to Earth GGT28



Water Unobtainium GGT30



White Water GGT31



Fire Earth GGT32



Earth Water GGT33



Kill Bill GGT34



Kick Ass Yo GGT36



Money GGT37



Fire Unobtainium GGT38



Carnival GGT39



Rainbow Sparkle GGT41



Black Rasta GGT42



Steel Rasta GGT43



Aztec Fire GGT46



Aztec Forest GGT47



Forest River GGT54



Aztec River GGT55



Mintval GGT56



Yetti GGT58



Spectrum White Line GGT59



Spectrum Black Line GGT60



Thunder $F^{**}k$ GGT61



11 Line Rainbow GGT62



Fade to Rasta GGT63



Rainbow Money GGT64



Fire Black GGT66



Fire Water Purple GGT68



Fall Harvest GGT69



Bee Sparkle GGT70



GOLDEN GATE TUBING COLOR CHART (CONT.)



Swamp Fire Sparkle GGT71



Aztec GGT72



Rasta Money GGT73



Jailbird Money GGT74



Jamaican Jerk GGT76



Blueberry GGT78



Blazin GGT79



Taffy GGT80



Bloody Mary GGT81



Duck Water GGT82



Swamp Duck GGT83



Bubblegum GGT84



Peppermint with Stringers GGT87



Fiesta with Stringers GGT90



White Slyme with Stringers GGT91



Gorila with Stringers GGT92



White Wigbow with Stringers GGT93



Chocolate Purple with Stringers GGT94



Kiwi Pond with Stringers GGT96



Jailhouse Fire with Stringers GGT97



Jailhouse Water with Stringers GGT98



Jailhouse Air with Stringers GGT99



Jailhouse Water with Stringers GGT10Ŏ



Jailhouse Gorilla with Stringers GGT10Ĭ



Sunrise Mint GGT102



Steel Navy with Stringers GGT103



Fat Rasta with Stringers GGT104



Northern Lights with Stringers GGT106



Money Kitty GGT107



Dead Money GGT109



Duck **GGT110**



Rainbow with White Lines GGT112



Air w/ Stringers GGT115



Half Stack Jailhouse Black **GGT116**



Half Stack Fire Water **GGT117**



Half Stack Air Water **GGT119**



Half Stack Fire White **GGT120**



Half Stack Jail House Rainbow w/ Black Line GGT122

with Stringers

GGT13Ž



Half Stack Fire Water Purple GGT124



Half Stack City Sunset GGT125



Jailhouse Dead GGT127



Slyme Kitty White w/ Stringers GGT128



Water Earth w/ Stringers GGT129



Air Water w/ Stringers GGT131



with Stringers

GGT134

Steel Kitty Tubing with Stringers GGT135



Kill Bill with Stringers **GGT137**



Fade to Rainbow with Stringers GGT138

GOLDEN GATE TUBING COLOR CHART (CONT.)



Fade to Fire with Stringers GGT139



Fade to Water with Stringers GGT140



Fade to Earth with Stringers GGT141



Fade to Air with Stringers GGT142



Clear Fire Half Stack GGT144



Clear Water Half Stack GGT145



Clear Jailhouse Half Stack GGT146



Clear Air Half Stack **GGT147**



Clear Earth Half Stack **GGT148**



Bronco GGT149



Jailbird Double Line GGT150



Fiesta Tubing with Stringers Half Stack GGT152



Mintval Tubing Half Stack GGT154



Pink Caddy with Rainbow GGT155



Fire Kitty Half Stack **GGT156**



Fiesta Black Tubing with Stingers GGT158



Fade To Blazin Half Stack Tubing **GGT159**



Fade To White Slyme Half Stack Tubing GGT160



Yellow Agua GGT164



Green Jailbird with Orange GGT167



Agua Jailhouse with Red Green Orange **GGT168**



Fade To White GGT171



Fade To Black GGT172



Fade To Fire **GGT174**



Fade To Money **GGT177**



Steel Line White Rasta GGT180



Steel Line Black Rasta GGT181



Franklin Tubing with Stringers GGT19Ŏ



Black Slyme Tubing with Stringers GGT201



Jailhouse Water Halfstack w/ Stringers GGT203



Jailhouse Gorilla Stringers Halfstack GGT207



Rubik's Cube GGT192



Aqua Bird GGT208



Half Stack Fruit Striped w/Black GGT209



31 Line Rainbow GGT212



Speed Racer GGT214



Hi Trust GGT215



Steel Blossom w/ Stringers GGT219



Greybird GGT220



Double Rainbow Love GGT222



Serendipity Sparkle Pop White GGT225



Fade to Serendipity GGT227



Fade to Experimental Green WTF GGT228



4 Lines of Illuminati -Black/Grey/White GGT232



4 Lines of Illuminati -Black/Green/White GGT233



Blue-V and Lucy GGT234



Skittle GGT254



Flash GGT255



Browns GGT256



GOLDEN GATE TUBING COLOR CHART (CONT.)



2can **GGT257**



Illuminati House Fire GGT258



Illuminati White Peacock **GGT259**



Jailhouse Earth **GGT265**



Fire Earth GGT267



Jailhouse Fire **GGT268**



Fade to Mother Earth GGT269



Steel Kitty GGT270



Taste the Rainbow GGT272



Strange Kitty with Slyme GGT273



Miami D GGT276



Beavers GGT277



Exp. Green & Pink Slyme **GGT282**



Black White Rainbow GGT285



Fire/Air/Water/Earth GGT286



Pastel Swamp **GGT287**



Fruit Loop GGT289



Closer to the Sun **GGT290**



Orange Chello -Med Wall **GGT292**



Aqua, Red Elvis, Poppy GGT293



BlueSpruce 3/4 -1/4 Cherry with Grey/White GGT294



3/4 GreenLep -1/4 Timber/ Slyme/Forest GGT295



Red Elvis-Blue-Carmel-Poppy-Yellow-Dipity GGT296



GGT300



Red Chello - Med Wall White Chello - Med Wall Black Chello - Med Wall **GGT303**



GGT304



Tequila Sunrise GGT305



Orange, White, Aqua Blue & Spruce GGT307



Lucy - Magenta - UV GGT314



White w/2 Lines of Emerald Green on Clear GGT316



Canary Yellow w/ X2 Dichro GGT323



BlueV - UV **GGT330**



Black/Purp/Wht/ 4 Line Lucv GGT338

ROGER PARRAMORE COLOR ROD/DOUBLE HELIX

ROGER PARRAMORE COLOR CHART



Old Gold PG20

Lavender PG21

Parraccino PG25

Parramel PG26

DOUBLE HELIX GLASSWORKS COLOR CHART

Lapis PG19

Butter PG17



Phoebe DH40

Lotis DH41

Skiron DH38

Keto DH37

Taupe PG16

Phaeton DH43

Atlas DH44

Oracle-White DH42



DOUBLE HELIX/EFFETRE/MORETTI SOFT GLASS 🌑



DOUBLE HELIX GLASSWORKS COLOR CHART



DH45 Elpis







56384 Cobalt Blue

OPAL COLOR CHART



TRANSPARENT COLOR CHART



TRANSPARENT COLOR CHART



EFFETRE/MORETTI SOFT GLASS 🏶



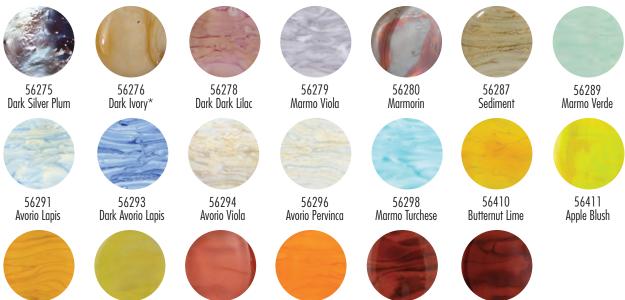
PASTEL COLOR CHART



EFFETRE/MORETTI SOFT GLASS

PASTEL COLOR CHART (CONT.)

* = Available in 2-3mm Stringers



SPECIAL COLORS COLOR CHART

56425 Light Zucca

56470

Burnt Sienna

56423 Spanish Leather





56414

Butternut

56415

Pistachio

59920 Blue Aventurine

56471

Dark Burnt Sienna

EFFETRE/MORETTI SOFT GLASS 🌑



FILIGRANA COLORS COLOR CHART



57204 Black



57208 White



57210 Periwinkle



57211 Grass Green



57212 Pink w/ White Core



57214 Light Turquoise



57215 Dark Sky Blue



57216 Gold Aventurine



57218 Petroleum Green



57219 Pea Green



57220 Blue Aventurine



57224 Red



57228 Green



57232 Aqua



57236 Yellow



57240 Purple



57242 Lapis



57244 Orange



57248 Blue



57272 Violet

COOL COLORS COLOR CHART



591630 Laguna Blue



591640







591644



591650 Relish



591651 Venetian Sunrise



591652 Orange Rock



591653 Red Flint



African Daisy



591654 Brown Rock



American Beauty



591680 Green Tea



591683-D Fossil Dark



591683-M Fossil Medium



591685 Hawaiian Clay

MESSY COLOR BY CIM COLOR CHART





MESSY COLOR BY CIM COLOR CHART (CONT.)



Simply Berry 511618

Boysenberry

511619

Aladdin

511620

Coronation Day

511616

Gypsy 511613

Dark Velvet

511610

Emperor

511621

MESSY COLOR BY CIM COLOR CHART (CONT.)



MESSY COLOR BY CIM



MESSY COLOR BY CIM COLOR CHART (CONT.)



TORCHES



Because of the high demand of these torches they are difficult to keep in stock. Please call before ordering to check our stock.

GTT



CRICKET	
PART #	PRICE
GTTCricket	\$167.00

DESCRIPTION

The Cricket is a standard surface mix burner featuring 5 jets. It is an entry to intermediate torch, but even the skilled lampworker will be surprised by the performance of the Cricket. This torch is a great economical choice when setting up a studio with multiple torches.



BOBCAT	
PART #	PRICE
GTTBobcat	\$195.00

DESCRIPTION

The Bobcat was the first creation of GTT. It is a seven jet, standard surface mix Torch that is great for making beads, or for small to medium borosilicate work.



LTNX	
PART#	PRICE
GTTLynx	\$435.00

IVIIV

DESCRIPTION

The Lynx is a seven jet, triple surface mix torch. The patented triple surface mix technology makes their torches produce the most efficient flame available for today's glassblower. These torches burn cleaner and have better flame characteristics than any other torch on the market today. This is the first Triple Surface Mix size in the lineup of GTT's Triple Surface Mix Torches.



СНЕЕТАН	
PART#	PRICE
GTTCheetah	\$550.00

DESCRIPTION

The Cheetah is a twelve jet, Triple Surface Mix Torch. It is similar to the Lynx, yet has more fire power and a wider flame; enabling one to work much larger pieces. A great addition to the GTT family.



000	GTT SCORPION AND 4 STUD TORCH	
PART#	PRICE	
GTTScorpion 4-Stud w/ Lynx Center Fire	\$780.00	

DESCRIPTION

The Scorpion produces flame sizes from a 2" pinpoint flame for detail work up to a flame of 1.25" wide and 16" long for wide beads and solid borosilicate work up to 3" in diameter. The Scorpion has excellent flame characteristics for soft glass and borosilicate glass that makes working easy and enjoyable.



The Sidewinder has a 7 jet center fire for this 2 stage standard torch. The Sidewinder has a 15 jet outer fire using the new patent pending 100% surface mix design that optimizes the available oxygen. The Sidewinder makes the flame size of larger torches with fewer jets, ow-ing the phenomenal performance to the newest GTT innovations in jet design.



PHANTOM	
PART #	PRICE
GTTPhantom-4port	\$1,200.00
DECEMBRION	

DESCRIPTION

The Phantom utilizes the Lynx design for an independent center fire surrounded by a fifteen jet outer fire. It has a wide range of possible flame characteristics: small micro needle flames to work detailed areas, large oxidized flames to work large pieces, and any flame in between. The GTT Phantom is an extremely versatile, very powerful torch.



GTT

Because of the high demand, these torches are difficult to keep in stock. Please call before ordering to check our stock.



DESCRIPTION

The Mirage is constructed with the Lynx design as the center fire, surrounded by a 35 jet, Triple Surface Mix outer fire. It can produce a flame from the smallest micro needle flames all the way up to a 1-7/8" wide flame; it also comes with a split manifold and rack and pinion stand. The GTT Mirage is an extremely powerful torch designed for the most demanding of lampworking projects.



GTT SNUB NOSE MIRAGE TORCH

PART #	PRICE
GTTSnubNoseMirage	\$1,725.00

GTT SNUB NOSE PHANTOM TORCH

PART#	PRICE
GTTSnubNose Phantom	\$1,200.00



DELTA ELITE	
PART#	PRICE
GTTDelta Elite	\$2,325.00

DESCRIPTION

The Delta Elite is designed with a Lynx seven jet center fire, surrounded by a 51 jet Triple Surface Mix outer fire. It is a lot like the GTT Mirage, but with a larger outer fire to work even bigger pieces. It comes with a split manifold and rack and pinion stand. The delta Elite is an extremely powerful torch.

GTT SNUB NO	SE DELTA ELITE
PART #	PRICE
GTT Snub Nose Delta Elite Torch	\$2,325.00



GTT KOBUKI TORCH	
PART #	PRICE
GTTKOBUKI	\$3,300.00
DECCE	IDTION

DESCRIPTION

The Kobuki Torch is a three stage Triple Mix torch with separately controlled center, middle and outer fires. The center fire is the 7 jet Lynx torch. The middle fire is the Phantom torch with 15 jets, and the outer fire is a single ring with 32 jets. The Kobuki torch was designed for those who love the Phantom size flame, but needed more heat for fast melt-ins and rapid heating for production work.



GTT DELTA ELITE - 4PORT TORCH - WITH COMPRESSED AIR OPTION

PART #	PRICE
GTTDeltaElite- 4port-Compressed-Air	\$2,800.00

DESCRIPTION

The Delta Elite torch is a 2 stage torch that uses the powerful Lynx 7 Jet for the center fire and 3 rings of jets with a total of 50 jets for the outer fire. This completely surface mix torch uses the patented Triple Mix technology and 57 total jets to provide unparalleled power for all types of glass.

TORCHES



Because of the high demand, these torches are difficult to keep in stock. Please call before ordering to check our stock.

GTT

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6	9	

GTT MULTI-POSITION HOOK CHEETAH HAND TORCH			
PART #	PRICE		
GTTHook CheetahHand	\$38.00		

GTT MULTI-POSITION HOOK LYNX HAND TORCH

PART # \$38.00 GTTHookLynxHand

GTT MULTI-POSITION HOOK YELLOW JACKET HAND TORCH

PART #	PRICE
GTTHookYellow JacketHand	\$38.00



GTT MIRAGE TORCH 4PORT TORCH WITH COMPRESSED AIR OPTION

PARI #	PRICE
GTTMirage 4 Port Compressed	\$2,200.00

DESCRIPTION

Air Option

The Mirage torch is a 2 stage torch that uses the powerful Lynx 7 Jet for the center fire and 2 rings of jets with a total of 33 jets for the outer fire. This completely surface mix torch uses the patented Triple Mix technology and 40 total jets to provide unparalleled power for all types of glass.



GTT MIRAGE HAND TORCH

W/ ON/OFF SWITCH		
PART #	PRICE	
GTTMirageHand TorchWITH	\$2,480.00	

DESCRIPTION

A mulit-position hook for hanging the hand torch on a fuel saver or any location that is close at hand.



GTT PHANTOM -4-PORT TORCH W / **COMPRESSED AIR OPTION**

PART # PRICE GTTPhantom-4port-Compressed \$1,675.00 Air Option

DESCRIPTION

The Phantom torch is a 2 stage torch that uses the powerful Lynx 7 Jet for the center fire with a ring of 15 jets for the outer fire. This completely surface mix torch uses the patented Triple Mix technology to provide unparalleled flame chemistry for all types of glass.



GTT PHANTOM HAND TORCH W/ON/OFF SWITCH

PART # PRICE **GTTPhantomHand** \$1,960.00 TorchWITH

DESCRIPTION

This enables you to switch between the inner and outer fire instantaneously with a lightning fast On/Off switch which is incorporated into the ergonomically designed handle.



GTT SCORPION 4-STUD TORCH W/LYNX CENTER FIRE

PART# PRICE GTTScorpion 4-Stud \$780.00 w/Lynx Center Fire

DESCRIPTION

GTT torches are able to achieve the ultimate flame chemistry and efficiency giving you the ultimate glass working experience. Not only do you have the best flame on the market, you have the most stylish torch to deliver that awesome flame.



GTT SIDEWINDER 4 STUD TORCH W/LYNX CENTER FIRE

PART # GTTSidewinder 4-Stud \$975.00 w/Lynx Center Fire

DESCRIPTION

GTT torches are able to achieve the ultimate flame chemistry and efficiency giving you the ultimate glass working experience. Not only do you have the best flame on the market, you have the most stylish torch to deliver that awesome flame.



BETHLEHEM BURNERS

Bethlehem Burners revolutionary design was developed by a research scientist specializing in thermodynamics and patented in 1957. Superior design, durability, and complete combustion.



BETHLEHEM A	LPHA BURNER
PART #	PRICE
TB09	\$260.00

DESCRIPTION

Bethlehem's low-pressure, stainless steel, Alpha Glass Working Torch is an excellent entry level burner, and perfect for glass bead artists. The Alpha delivers more flow at a low gas pressure producing the ideal glass working flame. Affordable and convenient, the Alpha is the only torch on the market today designed with your needs in mind.



BETHLEHEM BI	RAVO BURNER
PART #	PRICE
TB08	\$1,032.00

DESCRIPTION

Bethlehem's low-pressure, stainless steel Bravo lampworking torch was designed specifically with the needs of the artistic flameworker in mind. A dual-purpose torch, it will work easily with both soft and borosilicate glass. Bethlehem's Bravo is one of the hottest new torches on the market today!



BENCH BURNER		
PART #	PRICE	
TB10	\$1,690.00	

BETHLEHEM CHAMPION

DESCRIPTION

The Champion Bench Burner is a two stage, stainless steel, surface mix flame working torch with separately controlled outer and inner flames. Each stage is controlled by one gas and one oxygen valve, and the torch comes standard with a four port manifold.

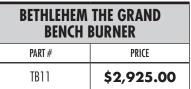


CHAMPION SHARP FLAME -BETHLEHEM BURNERS

PART #	PRICE
TB18	\$1,690.00

DESCRIPTION

This torch provides flame workers with sharper and more driving centerfire flame settings that match the Bethlehem Burners Sharp Flame Hand Torch and top mount of Bethlehem Burners STACKS Torch.



DESCRIPTION

This stainless steel, surface mix torch combines the Alpha, Bravo and Champion torches into one easy to use Bench Burner! The three separately controlled stages provide glass artists with unsurpassed control over flame sizes, heat potential and fuel mixture, making The Grand torch the most versatile and fuel efficient glass working torch available today.



GRAND SHARP FLAME -BETHLEHEM BURNERS

PART #	PRICE
TB19	\$2,935.00

DESCRIPTION

This torch provides flame workers with sharper and more driving centerfire flame settings that match the Bethlehem Burners Sharp Flame Hand Torch and top mount of Bethlehem Burners STACKS Torch.



THE STACKS -BETHLEHEM BURNERS

PART #	PRICE
TB12	\$662.00

DESCRIPTION

The STACKS bench burner was designed specifically to fill the gap between our Alpha burner and our Bravo burner. After taking 2 years for research and development, Bethlehem created the perfect in-between torch for both the beginner and the experienced flame worker! Not only will The STACKS bench burner provide glass artists with a wide range of fuel mixtures, flame temperatures, and flame sizes, but it also provides them with purchasing options never before offered by Bethlehem Burners. The Top Mount and Bottom Mount can be purchased separately, thus giving flame workers the option to purchase The STACKS in stages.

TORCHES



BETHLEHEM BURNERS

Bethlehem Burners revolutionary design was developed by a research scientist specializing in thermodynamics and patented in 1957. Superior design, durability, and complete combustion.

	THE STACKS 1 TOP MOUNT BENCH BURNER BETHLEHEM	
6	PART #	PRICE
	TB13	\$240.00
13	THE STACKS 2 BOTTOM MOUNT BENCH BURNER BETHLEHEM	
	PART #	PRICE
	TB14	\$340.00
Ì	THE STACKS BASE BETHLEHEM	
	PART #	PRICE
	TB15	\$117.00



THE SHARP FLAME HAND TORCH: 4" NECK BETHLEHEM BURNERS PART # PRICE TB16 \$315.00

DESCRIPTION

This hand torch was designed specifically to mimic the popular center fire flame of Bethlehem's discontinued PM2D bench burner. This stainless steel hand torch produces an adjustable surface mix gas and oxygen flame, perfect for flame workers looking for precise heat application, and sophisticated fuel mixture capabilities. This flame is gentle to glass, yet provides a significant amount of heat for fast and even melting.

THE SHARP FLAME HAND TORCH: 7" NECK BETHLEHEM BURNERS

PART #	PRICE
TB17	\$315.00

HERBERT ARNOLD



HERBERT ARNOLD - MINI-HAND TORCH - PREMIX 126/20 PS

PART #	PRICE
TH07	\$419.00

DESCRIPTION

The Mini-Hand Torch is a premix for propane and oxygen. The burner is especially suitable for production and processing of the smallest glass and quartz instruments, as well as fine soldering works. The hardest to reach spots are now accessible with an unparalleled intense and focused flame.





DESCRIPTION

This amazing premix hand torch is incredibly efficient and produces a very sharp, hot flame that is unparalleled in it's intensity and focus. And the knob placement makes it very easy to adjust with one hand. The body is made of brass with fine adjustable needle valves.



DESCRIPTION

The propane, oxygen, and compressed air version of the 40mm Herbert Arnold is designed to work with boro glass.



40MM ZENIT -SINGLE HOLE CENTER FIRE -HERBERT ARNOLD

PART #	PRICE
TH41	\$2,899.00

DESCRIPTION

The propane, oxygen, and compressed air version of the 40mm Herbert Arnold is designed to work with boro glass.

TORCHES **(III**)

HERBERT ARNOLD



50MM ZENIT - HERBERT ARNOLD	
PART #	PRICE
TH50	\$2,899.00

DESCRIPTION

The propane, oxygen, and compressed air version of the 50mm Herbert Arnold is designed to work with boro glass.



65MM ZENIT - HERBERT ARNOLD	
PART #	PRICE
TH65	\$3,899.00

DESCRIPTION

The propane, oxygen, and compressed air version of the 65mm Herbert Arnold is designed to work with boro glass.

NORTEL



MINOR BEN	CH BURNER
PART #	PRICE
TN01	\$159.00

DESCRIPTION

The Minor Bench Burner is especially designed for the lamp worker, with surface mix stainless steel front end and precision needle valves. Uses either natural or propane gas with easily adjustable control valves. Variable flame size with no tips to change and narrow head for easy manipulation. Smooth action tilt, heavy base and easy take apart construction.



MEGA MINOR	
PART #	PRICE
TN13	\$198.00

DESCRIPTION

The Mega Minor Bench Burner comes with a surface mix stainless steel front end and precision needle valves. It features slightly larger ports which produce hotter temperatures. The Mega is ideal for working borosilicate while still great with soft glass. Smooth action tilt, heavy base and easy take apart construction.



	MINI MILON P	REMIX TORCH
	PART #	PRICE
	TN20	\$198.00
ı	DECCE	IDTION

DESCRIPTION

This Pre-mix Burner is designed to use 7/16" threaded tips, National style. Included are tips number 0, 1, 2, 3 and N11. Other tips, multiple orifice, and ribbon style are available. The top ball-style mount enables easy tilt up and down and side to side. Swivel friction can be adjusted by the wing nuts. Can be used with Natural Gas or Propane and Oxygen.



MIDRANGE BI	ENCH BURNER
PART #	PRICE
TNO2	\$262.00
DESCRIPTION	

DESCRIPTION

The Midrange Bench Burner is a great torch for both soft and borosilicate glass. The flame is adjustable from a fine point to 1" thick. Narrow head for easy manipulation of glasswork. Smooth tilt and heavy base.



MAJOR/MINOR **BENCH BURNER** (WITH PRE MIX TOP BURNER)

PART #	PRICE
TNO4	\$432.00

DESCRIPTION

The Major Bench Burner offers the best of both worlds for the lamp worker. With a pre mix Minor Burner mounted on top for small to 3/4" flame and the Major Burner delivering flames up to 1 1/2" in diameter, this torch is quite versatile. This stainless steel front, pre mix torch on top, uses oxygen with natural gas, propane or hydrogen. The pre mix Top Burner is interchangeable with National Torch Tips.



NORTEL





DESCRIPTION

The Red Max Surface Mix Top outer fire & surface mix minor burner on top. Features a round burner front with 44 gas jets allowing flame variation from needle thin to 1 1/2" in diameter.

RED MAX - SURFACE MIX TOP **4 INLET**	
PART#	PRICE
TN34	\$474.00

RED MAX, P	RE MIX TOP
PART#	PRICE
TNO6	\$474.00



DESCRIPTION

The Red Max Pre Mix Top has a surface mix outer fire & pre mix minor burner on top. Features a round burner front with 44 gas jets allowing flame variation from needle thin to 1 1/2" in diameter. The pre mix Top Burner is inter-changeable with National Torch Tips.

RED MAX - PRE MIX TOP **4 INLET**	
PART#	PRICE
TN35	\$474.00



MIDRANGE PLUS W/PREMIX TOPFIRE

PART#	PRICE
TN19	\$394.00

DESCRIPTION

The Mid-Range Plus is a Mid-Range Torch, with a Premix burner mounted on top, for extreme versatility.



MIDRANGE PLUS W/SURFACE MIX TOPFIRE

PART#	PRICE
TN21	\$394.00

DESCRIPTION

The Mid-Range Plus is a Mid-Range Torch, with a Surface mix burner mounted on top.



MIDRANGE PLUS W/ MEGA MINOR TOPFIRE

PART #	PRICE
TN22	\$394.00

DESCRIPTION

The Mid-Range Plus is a Mid-Range Torch, with a Mega Minor burner mounted on top.



MAJOR/MINOR BENCH BURNER

(WITH SURFACE MIX BURNER)

PART #	PRICE
TN03	\$432.00

DESCRIPTION

The Major Bench Burner offers the best of both worlds for the lamp worker. With a Minor Burner mounted on top for small to 3/4" flame and the Major Burner delivering flames up to $1\ 1/2$ " in diameter, this torch is quite versatile. This stainless steel front, surface mix torch, uses oxygen with natural gas, propane or hydrogen.



THE ROCKET	
PART #	PRICE
TN07	\$895.00

DESCRIPTION

The Nortel Red Rocket is an excellent value if you are looking for a torch capable of working large and small objects. With a two inch flame coming from the two row outer fire and the seven jet minor burner nested inside, this torch is a great deal. It also has an adjustable gear pinion for easy torch positioning and can be modified for foot pedals. All this from a solid manufacturer in the lampworking torch field at a competitive price.



RED MAX MEGA MINOR TOP

PART #	PRICE
TN12	\$498.00

DESCRIPTION

The Rex Max Mega Minor Top is the same as standard Red Max (which has a Minor on top) but this model has the more powerful Mega Minor as the top fire.

TORCHES

NORTEL HAND TORCHES



RED MAX CONVERSION KIT

TN08	\$239.00

DESCRIPTION

Red Max Conversion Kit This kit allows you to turn your Major Minor into a Red Max Torch. Includes new torch head, cooling fins and hardware.



RANGER HAND TORCH (SAME FIRE AS MINOR)

PART #	PRICE
TN31	\$178.00

DESCRIPTION

Multimix Jr Handtorch Featuring the same flame characteristics of the Mid-Range Lampworking Torch, this hand torch features a brass head and is a totally surface mix flame with great control and a tight flame pattern. The hand torch features fine control valves, wooden handle, and lightweight design.



MULTI-MIX HAND TORCH

FANI#	FRICE
TN16	\$298.00

DESCRIPTION

The "Multi-Mix" Hand Torch is a surface mix torch that features stainless steel nozzle tubes, welded construction and a wooden handle. Fuel and oxygen valve bodies can be rotated to suit the specific operator. Supplied with hose barb adapters for connection to hosing. The large burner head easily dismantles for cleaning or replacement of parts. Lightweight, the 20" long 8x8 model weighs only 13 ounces.

MULTI-MIX H	IAND TORCH
PART #	PRICE
TN23	\$349.00

DESCRIPTION

The large burner head easily dismantles for cleaning or replacement of parts. Lightweight, the 20" long 11x11 model weighs only 16 ounces.



MULTI-MIX JR HAND TORCH (SAME FIRE AS MID-RANGE)

PART#	PRICE
TN30	\$248.00

DESCRIPTION

Multimix Jr Handtorch Featuring the same flame characteristics of the Mid-Range Lampworking Torch, this hand torch features a brass head and is a totally surface mix flame with great control and a tight flame pattern. The hand torch features fine control valves, wooden handle, and lightweight design.



RED MAX HAND TORCH

PART # PRICE	_

DESCRIPTION

Red Max Hand Torch features stainless steel head, same flame pattern as Red Max Bench Burner. Large Concentrated flame, great for Borosilicate, wooden grip. Works with Propane & Oxygen or Natural Gas & Oxygen.

TORCH REPLACEMENT PARTS		
PART #	DESCRIPTION	PRICE
TN09	Premix Top Torch for Red Max	\$89.00
TN26	Nortel Replacement Valve For Bottom Torch - Oxygen	\$29.00
TN27	Nortel Replacement Valve For Bottom Torch - Fuel	\$29.00
TN28	Nortel Replacement Valve For Top Torch - Oxygen	\$29.00
TN29	Nortel Replacement Valve For Top Torch - Fuel	\$29.00

OPTIONAL RED ROCKET PREMIX SIDEKICK TORCH		
PART#	DESCRIPTION	PRICE
TN14	You may add this item with your order for a Red Rocket or order it separately and add it in at any time.	\$125.00

OPTIONAL 4 INLETS FOR RED ROCKET, RED MAX, OR MAJOR MINOR		
PART#	DESCRIPTION	PRICE
TN15	Must be ordered at the same time as torch - Not an add on item - Upgrade to four inlets when ordering your Nortel Red Rocket, Red Max Or Major Minor by adding this item to your order. This allows the use of a foot pedal for separate control of the bigger flame.	\$20.00



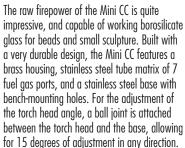
NORTEL HAND TORCHES

NORTEL UNITORCH HAND TORCH			
IMAGE	PART#	DESCRIPTION	PRICE
POUNT.	TN18	Nortel Unitorch Hand Torch w/ 6 Stainless Tips — This pre-mix hand torch was designed by glassblowers. The Unitorch has a stainless steel manifold and nozzle tubes with (6) stainless steel tips. It is ideal for lathe work, dewars, fritted discs, round bottoms, ring seals, graded seals, glass to metal seals and flame cutting. The Unitorch hand torch easily works 40mm quartz or 75mm borosilicate glass standard wall tubing. It weighs 1 ½ lbs. and is 17" overall in length.	\$258.00
September 1999	TN32	Nortel Unitorch Hand Torch w/12 Stainless Tips — This pre-mix hand torch was designed by glassblowers. The Unitorch has a stainless steel manifold and nozzle tubes with (12) stainless steel tips. The unique arc shape offers versatility. It is ideal for lathe work, dewars, fritted discs, round bottoms, ring seals, graded seals, glass to metal seals and flame cutting. The Unitorch hand torch easily works 40mm quartz or 75mm borosilicate glass standard wall tubing. It weighs 2 lbs. and is 17" overall in length.	\$498.00
	TN37	Nortel Unitorch Hand Torch w/9 Stainless Tips — Unitorch-9 Handtorch This pre-mix hand torch was designed by glassblowers. The Unitorch has a stainless steel manifold and nozzle tubes with (9) stainless steel tips. The unique arc shape offers versatility. It is ideal for lathe work, dewars, fritted discs, round bottoms, ring seals, graded seals, glass to metal seals and flame cutting. The Unitorch hand torch easily works 40mm quartz or 75mm borosilicate glass standard wall tubing.	\$386.00



CARLISLE





CARLISLE MINI CC TORCH -



WILDCAT BURNER		
PART#	PRICE	
TCAR09	\$445.59	

DESCRIPTION

The WildCat has a sturdy brass casing and 19 fuel ports made of stainless steel tubing. With an incredibly efficient combustion, this new burner produces a very hot flame using very little gas and oxygen. Our test group stated that the WildCat provides about 2/3 the heat of a CC burner, while using less than a third of the amount of oxygen.", said Chris Camac of Carlisle.



LUCIO BURNER	
PART#	PRICE
TCAR19	\$571.83

DESCRIPTION

The Lucio Burner designed with the help of Maestro Lucio Bubacco, to meet the needs of the professional soft glass flameworker, the Lucio Burner is the premier torch for sculpting in soft glass. Using low pressure fuel gas and oxygen, this torch provides a soft, wide flame, that promotes less stress in the glass, helping to avoid cracks and allowing the artist to work larger projects. The



HELLCAT TORCH		
PART#	PRICE	
TCAR10 \$896.46		
D. P. C. P. L. P. L.		

burner is fixed to a Mini CC Base, where the burner

head is adjustable via a ball joint articulation.

DESCRIPTION

The Hellcat Torch has 7 ports that run just like the Mini CC as its center fire. Then there are 14 more ports around the center that are a separately controlled outer fire. Using the four precision control valves, you can achieve virtually any flame combination

CARLISLE





BLACK WIDOW TORCH		
PART # PRICE		
TCAR11	\$1,526.64	

DESCRIPTION

The Black Widow is a fully surface mixed torch with an artistic center fire and more outer fire flame power than the CC. This burner offers a versatile flame and overall unique torch experience. This torch comes with a uniquely designed adjustable height base that gives you a full 360 degree rotation of the head and adjustable forward to back anale rotation for greater flexibility. Get ready to experience power & grace!

MINI CC TORCH MOUNTED "CROWLEY" MARVER

DART //	DDICE
PART #	PRICE
TCARCM	\$82.40

DESCRIPTION



Developed with the help of glass artist Debbi Crowley, this torch marver is the most innovative of its kind ever creat ed. Using a threaded connection point, the marver is securely attached to the burner alleviating any chance of the work surface moving during use. The graphite pad is a premium quality EDM grade and is a full 4 inches wide by 2 1/2 inches deep by 1/2 inch thick. The pad is held in place on a stainless steel cradle with two spring clips. The spring clips have a strong enough grip to hold the pad firmly during use but are flexible enough to allow change out or flip over of the pad. The best feature of all is the separate articulation ball joint. This allows the pad to be angled and moved to almost any position regardless of how the burner head is angled! With this revolutionary feature, you can have a level marver pad and an angled torch head or vice versa or anywhere in between.

CARLISLE CC - BALL & POST MOUNT - 4 INLET -#3 CENTERFIRE



DESCRIPTION

Carlisle CC torch with "ball" mounted in torch stand which allows a great degree of front to back and side to side adjustment. This burner produces two distinctive flames, the centerfire (pre-mixed) and the outer fire (surface mixed). The centerfire, which has characteristics of a single ported tip. The 4 Inlet Version will require the purchase of part # EQ101 if you are not using a foot pedal.



CARLISLE CC - RACK & PINION MOUNT - 4 INLET -#3 CENTERFIRE

PART #	PRICE
TCAR21	\$1,510.00

DESCRIPTION

Carlisle CC Series Rack & Pinion — Same torch as in the Ball & post description except it has a different adjustment & mounting system. The rack & pinion style mount utilizes a pinion gear to pivot the burner in an arc offering greater range in positioning than the ball & post mount. The user can adjust a knob on the side for a quick, accurate positioning. Custom Lathe mounts are also an option. Choose from a #3 or #5 premix. Also please choose from either a standard 2 gas inlet or a 4 inlet version which allows for the use of foot pedals.

CARLISLE CC+ BALL & POST MOUNT - 4 INLET -#3 CENTERFIRE



PART #	PRICE
TCAR22	\$2,049.95

DESCRIPTION

The CC+ series is similar to a regular CC but the outer fire has three rows of porting instead of two as on the CC. This gives you a flame one and a half times larger than a standard CC. These are the same other characteristics as in the Ball & Post description. Choose from a #3 or #5 premix. Also please choose from either a standard 2 gas inlet or a 4 inlet version which allows for the use of foot pedals.

CARLISLE CC+ RACK & PINION MOUNT - 4 INLET -#3 CENTERFIRE



PART #	PRICE
TCAR24	\$2,302.97

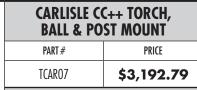
DESCRIPTION

Same as the Ball & Post description, except it has a different adjustment & mounting system. The rack & pinion style mount utilizes a pinion aear to pivot the burner in an arc offering greater range in positioning than the ball & post mount. The user can adjust a knob on the side of the mounting for a guick, accurate positioning, Custom Lathe mounts are also an option. Choose from a #3 or #5 premix. Also please choose from either a standard 2 gas inlet or a 4 inlet version which allows for the use of foot pedals.

TORCHES



CARLISLE

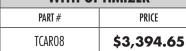






Carlisle's latest torch is a powerhouse which was released in response to lampworking trends requiring larger torches. The ++ is similar to a regular CC but the outer fire has four rows of porting instead of two as on the CC. This gives you a flame two times larger than a standard CC. Also capable of working quartz glass and has a ball and post mount. Lathe mounts are also an option. Due to the heat output of this torch we stock the ++ with an Optimizer already installed to help this torch run cool and extend the durability. Price listed includes an Optimizer! Please call to order the different options. Choose from a #3 or #5 premix. Also please choose from either a standard 2 gas inlet or a 4 inlet version which allows for the use of foot pedals.

CARLISLE CC++ TORCH, RACK & PINION MOUNT, WITH OPTIMIZER



DESCRIPTION

Same torch as in the Ball & post description except it has a different adjustment & mounting system. The rack & pinion style mount utilizes a pinion gear to pivot the burner in an arc offering greater range in positioning than the ball & post mount. The user can adjust a knob on the side of the mounting for a quick, accurate positioning. Custom Lathe mounts are also an option. Please call to order the different options. Choose from a #3 or #5 premix. Also please choose from either a standard 2 gas inlet or a 4 inlet version which allows for the use of foot pedals.

CARLISLE BUNSEN BURNERS			
IMAGE	PART#	DESCRIPTION	PRICE
	TCAR12 Carlisle #111 Bunsen Burner - Propane — The No. 111 Bunsen Burner is constructed with an air shutter at the bottom of the main mixing tube. The air shutter can be opened or closed to control the amount of inspirated air necessary for your application. The stabilizing ring located at the top of the tube, acts as a pilot to prevent flashbacks and blow-offs of the master flame.		\$49.99
	TCAR13	Carlisle #115 Bunsen Burner - Propane — Similar in design to the No. 111, the No. 115 offers a larger collar to allow a greater intake of air. This model also has a stabilizing ring and an air shutter for controlling the amount of inspirated air.	\$54.99
	TCAR14	Carlisle #116 Bunsen Burner - Propane — The revised No. 116 Bunsen Burner (Micro) now has an air shutter located at the bottom of the mixing tube similar to that of the No. 111 or No. 115. Enhanced by it's stabilizing tip the No. 116 is capable of producing a very small soft flame. It's shorter profile is especially beneficial in applications where space is limited.	\$49.81
	TCAR15	Carlisle #117 Bunsen Burner - Propane — The No. 117 Bunsen Burner is similar to the No. 111 Bunsen. The difference is that the No. 117 is taller and has a wider base. The No. 117 Bunsen Burner is similar to the No. 111 Bunsen. The difference is that the No. 117 is taller and has a wider base.	\$41.28



CARLISLE

CARLISLE BUNSEN BURNERS			
IMAGE	IMAGE PART # DESCRIPTION		PRICE
	TCAR16	Carlisle #118 Bunsen Burner - Propane — The No. 118 Bunsen Burner is similar to the No. 115 Bunsen. The difference is that the No. 118 is taller and has a wider base.	
	TCAR17	Carlisle #122 Bunsen Burner - Propane — The No. 122 is a multiple barrel Bunsen Burner. It has four Bunsen Burner heads which are pointed slightly inward towards a common center focus point. This Bunsen Burner is extremely hot and has found its way into all sorts of warming applications.	\$119.60
	TCAR18	Carlisle #130 Bunsen Burner - Propane — The No. 130 Bunsen Burner is the largest of the single head Bunsen Burners that we offer. The No. 130 comes equipped with either a No. 6 or No. 7 heat intensifying head. This head, which is made up of perforated metal, allows for a very stable and broad flame.	\$119.60
	TCAR25	Carlisle #122 Bunsen Burner - 4 Barrel (Short) - Propane — The No. 122 is a multiple barrel Bunsen Burner. It has four Bunsen Burner heads which are pointed slightly inward towards a common center focus point. This Bunsen Burner is extremely hot and has found its way into all sorts of warming applications.	\$138.85
	TCAR31	Carlisle #130 Bunsen Burner - Heat Intensifying Head - Short — For propane use only. The Carlisle Bunsen burner is the smallest of the single head Bunsen burners that we offer. Coming equipped with a #6 heat intensifying head. This head, which is made up of perforated metal, allows for a very stable and broad flame. The Bunsen burner is constructed with an air shutter at the bottom of the main mixing tube. The air shutter can be opened or closed to control the amount of air necessary for your application. This burner is 5.5 inches tall.	\$150.00

CARLISLE BENCH TORCHES			
IMAGE	IMAGE PART # DESCRIPTION		PRICE
A	E80	Carlisle CC Fuel Gas Crossover - Easily converts a four inlet torch to a two inlet. This also makes the conversion back to a four inlet easy so you may use a foot pedal in the future. You will need 1 Oxy and 1 Fuel Gas Crossover to do so.	\$33.00
	E81	Carlisle CC Oxygen Crossover - Same as above, but for oxygen.	\$33.00
0	TCARNOX3BRS	Carlisle NOX Tip - #3 Brass - The NOX series of torch tips is a piloted version that allows the tip to be pushed much harder than non-piloted versions. The body style of this torch tip is hexagonal. It is made of brass and has a 7/16"-24 thread to fit both the Carlisle High Capacity Hand Torch, Nortel Premix top fires, and the 3A National Hand Torches.	\$30.00
• •	TCARNOX5BRS	Carlisle NOX Tip - #5 Brass - Same as above.	\$35.00
	TCAR30	Carlisle High Capacity Universal Hand Torch - Carlisle's High Capacity Universal Hand Torch is manufactured of brass with chrome plating for the nozzle, feed tubes, and valve body. Red and green anodized aluminum valve handles are standard. The mixing of gases takes place inside the torch body, enhanced by the carburetor unit. The High-Capacity Hand Torch is balanced to allow a comfortable grip and still afford ease of movement.	\$107.99



BLAST SHIELD TORCHES



BUNSEN BURNERS			
IMAGE	PART#	DESCRIPTION	PRICE
	TBS01	Blast Shield Bunsen Burner - 4 Barrel - Short 3.75" - The Blast Shield 4 barrel Bunsen Burner is a multiple barrel burner. It has four torch heads which are pointed slightly inward towards a common focus point and a magnetic base to keep it on your bench. This Bunsen Burner is extremely hot and has found its way into all sorts of warming applications.	\$135.00

NATIONAL





NATIONAL OXY/GAS HAND TORCH WITH BARBED FITTINGS	
PART #	PRICE
TNA3A-B	\$10 7. 00

DESCRIPTION

This is a widely respected and versatile premix torch for lampworking. Economical gas usage, ease of operation, and low cost replacement parts make this a great beginner's torch that will last for years to come. Also a perfect torch to consider if you are a bead maker looking to try your hand at lampworking. Use this torch (3A-B) if you plan on buying your hose by the foot. Use any National OX, HTM, HT, or HTC-3 tips (not included).

NATIONAL OXY/GAS HAND TORCH WITH THREADED FITTINGS		
PART #	PRICE	
TNA3B-B	\$114.64	
DESCRIPTION		

Same as above with threaded fittings. Use this torch if you plan on buying your hose as a set with threaded fittings.



NATIONAL TS191 TORCH STAND		
PART #	PRICE	
TNATS191	\$60.00	
DESCRIPTION		

Adjustable stand which holds the 3A & 3B torches. Features two mounting holes for securing the stand into your bench.



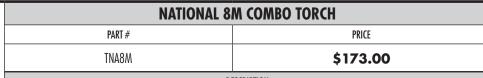
NATIONAL 6B BENCH TORCH	
PART #	PRICE
TNA6B	\$124.09

DESCRIPTION

The 6B is a compact premix torch ideal for any bench top application like lampworking. A new feature on the 6B is a 360 degree free rotating elbow, which has been made possible by including an O-ring on the elbow ensuring a positive seal. The elbow can still be set to a fixed position by simply tightening down the nut. Use any National OX, HTM, HT, or HTC-3 tips (not included).



NATIONAL



DESCRIPTION

A great low cost and versatile mid level torch designed specifically for lampworking. Select any one of three surface mix tips (not included) or add the PA-1 pre-mix adaptor and use any of Nationals hand torch tips you may already own. Simple screw on design makes changing tips a snap with no wrenches needed! The 8M comes standard with swivel ball mounting on a U shaped base for stable and easily adjustable operation. With stand included this torch is a bargain. Selecting the large 21 slot surface mix tip (SM21) will ensure you get the most out of what this torch offers. Also the 8R Rider premix torch was designed just for the 8M and bolts right on top, together the two offer surface mix heat and premix flexibility.



NATIONAL 8	BR RIDER TORCH	
PART #	PRICE	
TNA8R	\$113.00	
DESCRIPTION		

This premix torch was designed just for the 8M (cannot be used independently) and bolts right on top, together the two offer surface mix heat and premix flexibility. Use any National OX, HTM, HT, or HTC-3 tips (not included).

MANIFOLD ASSEMBLY FOR 8M & 8R		
PART #	PRICE	
TNAMA	\$50.00	
DESCRIPTION		

This hose assembly combines one 3/16'' hose and one 1/4'' hose into one 1/4'' connection. This will save you from having to buy a complete 3/16'' hose set and various hardware just connect this to a 1/4'' hose.



PART#	DESCRIPTION	PRICE
TNASM-21	21 Groove and orifice surface mix tip for 8M	\$119.00
TNASM-7	7 Groove and orifice surface mix tip for 8M	\$92.00
TNAPA-1	Allows you to use any National premix tip on the end of this adaptor in place of the above surface mix tips.	\$52.00

trees

At Mountain Glass Arts we believe in conservation and preservation of our natural resources. We have been planting trees since 2005. In cooperation with American Forests we have a tree planted for every order over \$100.

As of November of 2020, over 67,000 trees have been planted. For a \$1 donation you can have a tree planted, even if you do not spend \$100.





NATIONAL

TORCH TIPS FOR NATIONAL PREMIX TORCHES



OX series tips produce sharp, high temperature flames. Very effective for soldering, brazing, etc. on small parts where quick heat is essential.

PART#	DESCRIPTION	PRICE
TNAOX-0	Single orifice tip032 Inches/.81 mm	\$22.05
TNAOX-1	Single orifice tip042 Inches/1.07 mm	\$17.92
TNAOX-2	Single orifice tip055 Inches/1.4 mm	\$14.91
TNAOX-3	Single orifice tip07 Inches/1.78 mm	\$14.91
TNAOX-4	Single orifice tip082 Inches/2.08 mm	\$14.91
TNAOX-5	Single orifice tip1 Inches/2.54 mm	\$14.91



HTM-0 HTM-1 HTM-2 HTM-3

HTM series tips have multiple orifices and are available in four sizes

PART#	DESCRIPTION	PRICE
TNAHTM-0	7 orifice tip, multi flame - 7 holes @ .031 Inches	\$41.27
TNAHTM-1	9 orifice tip, multi flame - 9 holes @ .04 Inches	\$41.27
TNAHTM-2	9 orifice tip, multi flame - 9 holes @ .048 Inches	\$41.27
TNAHTM-3	9 orifice tip, multi flame - 9 holes @ .055 Inches	\$41.27



HT series tips have smaller orifices than National's other tips which gives the HT tips a quieter, tighter burning pattern.

PART#	PRICE	
TNAHT-0	7 orifice tip, silent flame - 7 holes @ .025 Inches	\$42.47
TNAHT-1	12 orifice tip, silent flame - 12 holes @ .025 Inches	\$43.55
TNAHT-2	19 orifice tip, silent flame - 19 holes @ .025 Inches	\$48.92
TNAHT-3	31 orifice tip, silent flame - 31 holes @ .025 Inches	\$56.70



 $\rm HTC$ series tips are the same as the HT series except they have center orifices, which allow a better range when used with high pressure natural gas.

PART #	DESCRIPTION	PRICE
TNAHTC-0	HT-O tip with additional .031 diameter center orifice	\$44.10
TNAHTC-1	HT-1 tip with additional .039 diameter center orifice	\$46.74
TNAHTC-2	HT-2 tip with additional .039 diameter center orifice	\$51.99
TNAHTC-3	HT-3 tip with additional .055 diameter center orifice	\$59.27
TNAHTC-4	HT-4 tip with additional .055 diameter center orifice	\$70.17



NATIONAL

REPLACEN	NENT PARTS	FOR NATIONAL TO	RCHES
IMAGE	PART#	DESCRIPTION	PRICE
	TNA335	Green valve wheel - For 3A or 3B	\$5.90
	TNA336	Red valve wheel - For 3A or 3B	\$5.90
	TNA334-VSG	Green valve stem assembly - Replacing this will fix leaky valves	\$19.50
	TNA334-VSR	Red valve stem assembly - Replacing this will fix leaky valves	\$19.50
	TNA330-AE	4 1/2" Elbow with nut and retaining ring - For 3A or 3B torches	\$31.00
1	TNA330-XE	National 12" Elbow w/ Nut & Retaining Ring For 3A or 3B Torch	\$39.51

REPLACEN	NENT PARTS	FOR NATIONAL TO	RCHES
IMAGE	PART#	DESCRIPTION	PRICE
80	TNA329	Elbow nut - For elbows used on 3A, 3B or 6B torches	\$5.87
6	TNA331 Retaining ring - For elbow		\$4.30
_	TNAR5209	Elbow O ring - For elbows used on 3A, 3B or 6B torches	\$1.05
9%	TNAR013	O ring - For PA-1, SM-21, SM-7 & SM-5	\$1.05
	TNAR116	Head nut O ring - For the 8M torch	\$1.15



SMITH LITTLE TORCH

SMITH LITTLE TORCH						
IMAGE	PRODUCT#	DESCRIPTION	PRICE			
	Smith Little Torch with 5 Tips and Hose - Whether you are in the first stages of learning your craft or have mastered it completely with more limited tools, The Little Torch will open a new world of possibilities for you. Smith Equipment's Little Torch welds an unlimited range of materials, brazes and solders the tiniest elements with ease, yet produces enough heat to weld steel up to 1/8" thick or melt 3 oz. of silver.					
	TS10	Little Torch Magnetic Torch Stand & Tip Organizer	34.95			
A	EQ13	Torch Stand for Smith Little Torch - Small Mount Base - The Torch Stand for the Smith Little Torch is adjustable in height and mounts to your bench. The torch stand can be used to hold the torch or it can be locked in to the cradle and used as a stand.	\$55.00			
	EQ126	Hand Torch Valves - Set of Two - The Hand Torch Valves are designed to be added in-line to regulate a lower pressure to a hand torch without the burden of adding a separate set of regulators. This allows for easier operation of the torch because of a lower gas flow to the hand torch than the bench torch. These valves are adjustable and come as a set of two.	\$65.00			
0	EQ127	Little Torch Kevlar Replacement Hose - This genuine Smith® Quickbraze replacement kevlar brazing hose is extremely durable, heat resistant, light weight and flexible. Excellent for repetitious brazing operations.	\$94.99			





SMITH LITTLE TORCH

SMITH LITTLE TORCH						
IMAGE	IMAGE PRODUCT# DESCRIPTION					
TS21 Replacement Oxygen Valve Assembly for Smith Little Torch		\$36.00				
00	TS22	Replacement Fuel Valve Assembly for Smith Little Torch	\$36.00			

	TORCH TIPS						
IMAGE	PART#	DESCRIPTION	PRICE				
	TS06	Little Torch Tip #7047mm Orifice Diameter	\$23.50				
	TS12	Little Torch Twin Hose 8' - Replacements.	\$59.95				
	TS13	Blast Shield Little Torch Tip - 5" Length - 5 Hole - Compatible with the Smith Little Torch and the Gentech Little Torch.	\$70.00				
	TS14	Blast Shield Little Torch Tip - 5" Length - 7 Hole - Same as above.	\$70.00				
	TS15	Blast Shield Little Torch Tip - 14" Length - 5 Hole - Same as above.	\$90.00				
	TS16	Blast Shield Little Torch Tip - 14" Length - 7 Hole - Same as above.	\$90.00				
	TS17	Hornet Torch Tip - 3" x 1.3mm for Smith Little Torch - Made of stainless steel, these torch tips have been used in the scientific industry for 20+ years. They fit Smith and Gentech mini torches. The Hornet torch tips provide a powerful, fine point flame that is not comparable to any other tip available.	\$75.00				
	TS18	Hornet Torch Tip - 3" x 1.5mm for Smith Little Torch - Same as above.	\$75.00				
	TS19	Hornet Torch Tip - 10" x 1.3mm for Smith Little Torch - Same as above.	\$135.00				
	TS20	Hornet Torch Tip - 10" x 1.5mm for Smith Little Torch - Same as above.	\$135.00				
	TS23	Noswar Hornet Torch Tip - 3" x 1.0mm for Smith Little Torch - Same as above.	\$75.00				
	TS24	Noswar Hornet Torch Tip - 10" x 1.0mm for Smith Little Torch - Same as above.	\$135.00				
• 6	TNA3 ABSL	National 3A-B Torch Adapter for Smith Little Torch Tips - Do you already own a National 3A hand torch but want the benefits of the Little Torch tips? Well this adapter allows you to use Smith Little torch tips on your National 3A-B torch. For a low price, you can convert your old National Hand torch in to Little Torch and enjoy all of the precision and benefits of the Little Torch tips!	\$30.00				



SIMAX - 5 FT LENGTH

STANDARD WALL TUBING						
PRODUCT	OUTSIDE DIAM. (MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE
SS05	5.0	0.8	20	256	\$.47	\$99.61
SS06	6.0	1.0	23	170	\$.72	\$99.61
SS07x1	7.0	1.0	17	121	\$0.90	\$85.91
SS08	8.0	1.0	18	100	\$1.01	\$81.92
SS09	9.0	1.0	15	81	\$1.15	\$75.25
SS10	10.0	1.0	15	64	\$1.31	\$67.52
SS12	12.0	1.0	27	100	\$1.60	\$128.38
SS14	14.0	1.0	22	64	\$1.90	\$97.40
SS15	15.0	1.2	19	49	\$2.40	\$94.08
SS16	16.0	1.2	21	49	\$2.58	\$101.83
SS18	18.0	1.2	20	36	\$2.91	\$84.13
SS20	20.0	1.2	29	49	\$3.27	\$128.38
SS22	22.0	1.2	25	36	\$3.60	\$104.03
SS26	26.0	1.4	30	36	\$4.98	\$143.89
SS22x1.5	22.0	1.5	26	36	\$4.62	\$132.12
SS30	30.0	1.4	34	36	\$6.37	\$183.79
SS32	32.0	1.4	29	25	\$6.82	\$136.63
SS38	38.0	1.4	21	16	\$8.11	\$103.99
SS44	44.0	1.6	26	16	\$10.76	\$137.84
SS50	50.0	1.8	26	12	\$14.37	\$138.06
SS56x1.8	56.0	1.8	27	12	\$16.73	\$160.56
SS100	100.0	2.5	17	3	\$52.92	\$127.02

MEDIUM WALL TUBING						
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE
SM06	6.0	1.5	28	170	\$.97	\$133.93
SM0635x1.2	6.35	1.2	22	170	\$.81	\$113.90
SM07	7.0	1.5	23	121	\$1.20	\$116.22
SM08	8.0	1.5	24	100	\$1.40	\$112.90
SM09	9.0	1.5	22	81	\$1.63	\$106.26
SM10	10.0	1.5	19	64	\$1.85	\$95.19
SM100x3	100	3.0	7	3	\$72.88	\$174.90
SM11	11.0	1.5	40	121	\$2.13	\$206.91
SM12x1.5	12.0	1.5	37	100	\$2.38	\$189.00
SM127	12.7	1.6	33	81	\$2.58	\$166.86
SM13	13.0	1.5	34	81	\$2.50	\$162.70
SM14	14.0	1.5	28	64	\$2.71	\$139.45
SM16	16.0	1.8	31	49	\$3.72	\$146.10
SM17x1.8	17.0	1.8	23	36	\$4.15	\$118.44
SM18	18.0	1.8	24	36	\$4.22	\$121.68
SM19	19.0	1.8	35	64	\$4.48	\$230.21
SM20	20.0	1.8	37	49	\$4.77	\$187.04
SM22	22.0	1.8	39	36	\$5.30	\$152.73
SM24	24.0	1.8	33	36	\$5.97	\$172.08

	MEDIUM WALL TUBING					
PRODUCT	OUTSIDE DIAM. (MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE
SM26	26.0	2.0	43	36	\$7.06	\$200.34
SM28	28.0	2.0	30	25	\$7.80	\$156.00
SM30	30.0	2.0	47	36	\$8.90	\$256.32
SM32	32.0	2.0	38	25	\$9.55	\$191.03
SM34	34.0	2.0	24	16	\$10.20	\$130.57
SM36	36.0	2.0	25	16	\$10.76	\$137.84
SM38	38.0	2.0	29	16	\$11.42	\$146.29
SM40	40.0	2.3	46	16	\$13.78	\$176.53
SM41x2	41.0	2.0	29	16	\$12.74	\$163.04
SM42x2.3	42.0	2.3	34	16	\$14.98	\$191.68
SM44	44.0	2.3	39	16	\$15.20	\$194.66
SM46	46.0	2.3	37	16	\$16.71	\$213.92
SM48	48.0	2.3	22	9	\$29.97	\$119.43
SM50	50.0	2.5	35	12	\$19.78	\$190.00
SM52	52.0	2.5	34	12	\$20.57	\$197.52
SM56	56.0	2.5	38	12	\$22.28	\$214.06
SM58	58.0	2.5	39	12	\$23.08	\$221.66
SM60	60.0	3.2	50	12	\$30.21	\$290.05
SM65	65.0	3.2	39	8	\$32.85	\$210.27
SM75	75.0	3.2	21	4	\$42.91	\$137.33

	HEAVY WALL TUBING									
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE				
SH08	8.0	2.0	28	100	\$1.60	\$128.03				
SH095	9.5	2.0	23	81	\$2.22	\$114.00				
SH10	10.0	2.2	26	64	\$2.47	\$127.29				
SH11	11.0	2.2	22	50	\$2.81	\$112.90				
SH12	12.0	2.2	24	49	\$3.12	\$122.86				
SH127	12.7	2.4	49	81	\$3.76	\$244.60				
SH13	13.0	2.2	46	81	\$3.46	\$224.69				
SH14	14.0	2.2	39	64	\$3.77	\$193.67				
SH15	15.0	2.5	37	49	\$4.54	\$178.20				
SH159	15.9	2.4	37	49	\$4.71	\$184.83				
SH16	16.0	2.5	39	49	\$4.19	\$192.58				
SH18	18.0	2.5	34	36	\$5.63	\$162.70				
SH19	19.0	2.5	37	36	\$5.98	\$172.67				
SH20	20.0	2.5	49	49	\$6.53	\$256.27				
SH22	22.0	2.5	43	36	\$7.07	\$203.66				
SH24	24.0	2.5	44	36	\$8.02	\$231.12				
SH254	25.4	2.4	32	25	\$8.02	\$160.49				
SH26	26.0	2.8	56	36	\$9.44	\$272.27				
SH28	28.0	2.8	41	25	\$10.23	\$204.75				
SH317	31.7	2.4	26	16	\$11.14	\$142.56				
SH32	32.0	2.8	50	25	\$12.99	\$259.95				

^{**}PLEASE NOTE, IF YOU NEED A WALL THICKNESS COMPARABLE TO PYREX HEAVY WALL YOU WILL NEED SIMAX EXTRA HEAVY WALL

SIMAX - 5 FT LENGTH

	Н	EAVY W	/ALL TU	BING		
PRODUCT	DIAM.(MM)	WALL SIZE (MM)	LBS/CASE	PCS/CASE	PER PIECE	SINGLE CASE
SH34	34.0	2.8	32	16	\$13.99	\$177.72
SH36	36.0	2.8	34	16	\$14.72	\$188.61
SH38	38.0	2.8	39	16	\$15.68	\$200.75
SH40	40.0	3.2	46	16	\$18.70	\$239.39
SH42	42.0	3.2	46	16	\$20.32	\$260.16
SH44	44.0	3.2	53	16	\$20.78	\$266.00
SH46	46.0	3.2	51	16	\$22.76	\$291.33
SH48	48.0	3.2	30	9	\$24.63	\$177.39
SH50	50.0	3.5	38	9	\$27.90	\$200.88
SH508	50.8	3.2	32	9	\$26.08	\$187.83
SH56	56.0	3.5	39	9	\$31.52	\$226.98
SH58	58.0	3.5	19	4	\$32.61	\$104.36
SH65	65.0	4.2	49	8	\$43.82	\$280.48
SH70	70.0	4.2	51	8	\$52.85	\$338.24
SH100	100.00	5.0	33	3	\$100.11	\$240.27

	EXTRA HEAVY WALL TUBING									
PRODUCT	DIAM.(MM)	WALL SIZE (MM)	LBS/CASE	PCS/CASE	PER PIECE	SINGLE CASE				
SX10	10.0	3.5	33	64	\$3.41	\$174.72				
SX12	12.0	3.5	33	49	\$4.45	\$174.44				
SX16	16.0	3.5	49	49	\$6.53	\$256.27				
SX19	19.0	3.2	45	36	\$7.55	\$217.44				
SX20	20.0	4.0	53	36	\$9.56	\$275.40				
SX22	22.0	3.0	49	36	\$8.55	\$246.24				
SX254	25.4	4.0	49	25	\$14.01	\$280.25				
SX28	28.0	4.0	36	16	\$14.32	\$183.36				
SX30	30.0	4.0	38	16	\$17.01	\$217.76				
SX317	31.7	4.0	43	16	\$18.08	\$231.52				
SX33	33.0	4.0	43	16	\$18.96	\$242.72				
SX381	38.1	4.0	49	16	\$22.27	\$285.12				
SX40	40.0	5.0	39	9	\$28.71	\$206.73				
SX44.4	44.4	4.0	60	16	\$26.46	\$338.72				
SX44.0	44.0	4.8	49	9	\$30.78	\$221.67				
SX45	45.0	4.8	45	9	\$36.86	\$265.41				
SX46	46.0	4.8	43	9	\$33.87	\$243.90				
SX50	50.0	5.0	49	9	\$38.58	\$277.83				
SX50x7	50.0	7.0	63	9	\$54.00	\$388.80				
SX55	55.0	5.0	52	9	\$42.76	\$307.89				
SX60	60.0	5.0	26	4	\$47.28	\$151.32				
SX60x7	60.0	7.0	35	4	\$72.27	\$231.28				
SX60x9	60.0	9.0	43	4	\$96.77	\$309.68				
SX65	65.0	5.0	28	4	\$51.36	\$164.36				
SX70	70.0	5.0	32	4	\$62.42	\$199.76				
SX70x7	70.0	7.0	41	4	\$92.76	\$296.84				
SX75	75.0	5.0	33	4	\$66.97	\$214.32				

EXTRA HEAVY WALL TUBING									
PRODUCT	DIAM.(MM)	WALL SIZE (MM)	LBS/CASE	PCS/CASE	PER PIECE	SINGLE CASE			
SX80x5	80.0	5.0	35	4	\$71.98	\$230.36			
SX80x7	80.0	7.0	47	4	\$113.66	\$363.72			
SX90x7	90.0	7.0	54	4	\$123.36	\$394.76			

		CLEAR RO	UND ROD		
PRODUCT	DIAM.(MM)	LBS./CASE	PIECES/CASE	PER PIECE	SINGLE CASE
SR03	3.0	37	700	\$0.30	\$168.00
SR04	4.0	39	400	\$0.53	\$172.00
SR05	5.0	39	256	\$0.85	\$174.08
SR06	6.0	39	170	\$1.22	\$166.60
SR07	7.0	34	121	\$1.66	\$160.93
SR08	8.0	38	100	\$2.16	\$173.00
SR09	9.0	38	81	\$2.75	\$178.20
SR10	10.0	38	64	\$3.38	\$173.44
SR11	11.0	35	50	\$4.10	\$164.00
SR12	12.0	41	49	\$4.86	\$190.61
SR127	12.7	27	30	\$5.45	\$130.80
SR13	13.0	35	36	\$5.72	\$164.88
SR14	14.0	28	25	\$6.65	\$133.00
SR15	15.0	33	25	\$7.63	\$152.75
SR159	15.9	23	16	\$8.53	\$109.28
SR16	16.0	25	16	\$8.70	\$111.36
SR18	18.0	32	16	\$10.96	\$140.32
SR19	19.0	34	16	\$12.25	\$156.80
SR20	20.0	37	16	\$13.55	\$173.44
SR22	22.0	26	9	\$16.33	\$117.63
SR24	24.0	30	9	\$19.50	\$140.40
SR254	25.4	34	9	\$21.96	\$158.13
SR26	26.0	36	9	\$22.92	\$165.06
SR28	28.0	18	4	\$25.66	\$82.12
SR30	30.0	21	4	\$29.75	\$95.20
SR317	31.7	24	4	\$38.97	\$124.68
SR381	38.1	34	4	\$56.35	\$180.32
SR44	44.0	45	4	\$74.75	\$239.24



SIMAX - 5 FT LENGTH

	CLEAR FLAT ROD										
PRODUCT	WIDTH (MM)	THICK (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE					
SF11	11.0	5.8	37	91	\$2.26	\$164.71					
SF12	12.0	5.4	34	81	\$2.35	\$152.28					
SF13	13.0	6.9	37	66	\$3.16	\$166.98					
SF15	15.0	6.7	37	55	\$3.70	\$162.80					
SF17	17.0	7.5	32	40	\$4.87	\$156.00					
SF18	18.0	8.0	36	40	\$5.45	\$174.40					
SF20	20.0	8.0	40	40	\$5.85	\$187.20					
SF38	38.0	9.8	29	12	\$16.78	\$161.16					

HALF ROUND ROD										
PRODUCT	DIAM.(MM)	LBS./CASE	PIECES/CASE	PER PIECE	SINGLE CASE					
SR12H	12.0	28	70	\$2.47	\$138.60					
SR16H	16.0	29	42	\$4.33	\$145.74					

IRIS TUBING (TRI-SHAPE)								
PRODUCT	PRODUCT OUTSIDE WALL LBS./CASE PIECES/ PER PIECE SINGLE CASE							
SI24	24.0	2.0	49	25	\$15.00	\$300.00		

	TRIANGLE ROD								
PRODUCT	PRODUCT DIAM.(MM) LBS./CASE PIECES/CASE PER PIECE SINGLE CA								
ST11	11.0	26	55	\$2.97	\$130.90				

SCALLOP (PROFILE) TUBING									
	PRODUCT	OUTSIDE DIAM.(MM)	WALL(MM)	LBS./CASE	PIECES/CASE	PER PIECE	SINGLE CASE		
	SSC26	26	1.5	37	36	\$7.58	\$218.52		
	SSC30	30	2.0	56	36	\$11.43	\$329.40		
	SSC40	40	2.0	35	16	\$17.53	\$224.48		
	SSC50	50	2.5	40	12	\$26.93	\$258.60		

DAISY TUBING									
<u>r'1</u>	PRODUCT	OUTSIDE DIAM.(MM)	WALL(MM)	LBS./CASE	PIECES/CASE	PER PIECE	SINGLE CASE		
.	SD20	20	2.5 low-5.5 high	52	36	\$10.75	\$309.60		
	SD24	24	3.0 low-6.0 high	44	25	\$13.56	\$271.25		

CHINESE

	HEAVY WALL TUBING – 5 FT LENGTH										
PRODUCT	OUTSIDE DIAM. (MM)	WALL (MM)	LENGTH	LBS./ CASE	PIECES/ CASE	PER PIECE	SINGLE CASE				
UH095x2	9.5	2.9	5ft	43	125	\$0.55	\$62.50				
UH12	12.0	2.2	5ft	44	100	\$1.43	\$100.00				
UH16	16.0	2.5	5ft	41	49	\$1.98	\$74.97				
UH19x2.5	19	2.5	5ft	40	36	\$1.95	\$55.80				
UH22x2.5	22	2.5	5ft	45	30	\$2.63	\$63.00				
UH26	26.0	2.6	5ft	43	25	\$4.81	\$84.25				
UH32	32.0	2.8	5ft	30	16	\$5.38	\$60.32				
UH38	38.0	2.8	5ft	37	16	\$6.53	\$68.55				
UH50x3.5	50	3.5	5ft	33	9	\$6.41	\$46.26				

ROUND ROD — 4 FT LENGTH									
PRODUCT	OUTSIDE DIAM.(MM)	LENGTH	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE			
UR05-4	5.0	4ft	44	350	\$0.45	\$87.50			
UR06-4	6.0	4ft	44	257	\$0.62	\$118.22			
UR07-4	7.0	4ft	44	192	\$0.75	\$86.40			
UR08-4	8.0	4ft	44	147	\$0.83	\$88.20			
UR10-4	10.0	4ft	44	88	\$1.17	\$88.00			
UR12-4	12.0	4ft	44	67	\$1.69	\$88.44			
UR16-4	16.0	4ft	44	39	\$3.21	\$87.75			

	EXTRA HEAVY WALL TUBING – 5 FT LENGTH								
PRODUCT	OUTSIDE DIAM. (MM)	WALL (MM)	LENGTH	LBS./ CASE	PIECES/ CASE	PER PIECE	SINGLE CASE		
UX19	19.0	3.0	5ft	40	36	\$2.99	\$81.36		
UX22	22.0	3.0	5ft	33	25	\$4.23	\$74.48		
UX25	25.0	4.0	5ft	50	25	\$6.34	\$96.75		
UX38	38.0	4.0	5ft	51	16	\$7.15	\$97.28		
UX44	44.0	4.8	5ft	39	9	\$10.34	\$66.51		
UX50	50.0	5.0	5ft	49	9	\$14.27	\$87.84		
UX50x7	50.0	7.0	5ft	63	9	\$12.25	\$88.20		
UX60x5	60.0	5.0	5ft	51	8	\$11.16	\$71.44		
UX65x5	65.0	5.0	5ft	63	9	\$12.15	\$87.48		
UX70x5	70.0	5.0	5ft	43	6	\$12.54	\$60.24		
UX75x5	75.0	5.0	5ft	49	6	\$14.20	\$68.16		

- Please Note: Length of glass tubing and rod may vary.
- Please Note: The reason import tubing and rod is 50% off or more compared to other brands of glass is the quality is lower. Please be prepared for some variation in wall sizes, thickness, scratches, air bubbles & stones etc. Please also be aware we are sourcing our glass from the best factory in China and we believe the quality to be better than you may find elsewhere.

SCHOTT

	ROUND ROD								
PRODUCT	DIAM.(MM)	LBS./CASE	PIECES/CASE	PER PIECE	SINGLE CASE				
SCHR02-D	2.0	22	952	\$0.76	\$380.80				
SCHR03	3.0	28	529	\$0.25	\$105.80				
SCHR04	4.0	28	298	\$0.45	\$107.28				
SCHR05	5.0	27	183	\$0.71	\$104.31				
SCHR06	6.0	30	140	\$1.04	\$116.20				
SCHR07	7.0	28	98	\$1.39	\$108.78				
SCHR08	8.0	30	80	\$1.81	\$116.00				
SCHR10	10.0	26	45	\$2.80	\$100.80				

MEDIUM WALL							
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE	
SCHM38	38.0	2.0	34	20	\$9.79	\$156.60	
SCHM50	50.0	2.5	33	12	\$16.98	\$162.96	

	HEAVY WALL								
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE			
SCHH095	9.5	2.0	42	108	\$2.24	\$193.32			
SCHH10	10.0	2.2	23	56	\$2.36	\$105.84			
SCHH12	12.0	2.2	21	42	\$2.88	\$96.60			
SCHH127	12.7	2.4	24	42	\$3.29	\$110.46			
SCHH13	13.0	2.2	20	36	\$3.21	\$92.52			
SCHH16	16.0	2.5	20	25	\$4.60	\$92.00			
SCHH19	19.0	2.5	35	36	\$5.63	\$162.00			
SCHH22	22.0	2.5	38	30	\$7.39	\$177.30			
SCHH26	26.0	2.8	19	12	\$9.81	\$94.20			
SCHH32	32.0	2.8	31	16	\$11.71	\$149.92			
SCHH38	38.0	2.8	21	9	\$14.58	\$104.94			
SCHH44	44.0	3.2	28	9	\$19.44	\$139.95			
SCHH50	50.0	3.5	46	12	\$23.75	\$228.00			

ROUND ROD								
PRODUCT	DIAM.(MM)	LBS./CASE	PIECES/CASE	PER PIECE	SINGLE CASE			
SCHR12	12.0	30	35	\$4.16	\$116.55			
SCHR16	16.0	30	20	\$9.13	\$146.00			
SCHR20	20.0	37	16	\$14.79	\$189.28			
SCHR26	26.0	36	9	\$38.38	\$276.30			
SCHR32	32.0	36	6	\$38.38	\$184.20			
SCHR40	40.0	19	2	\$58.75	\$94.00			

	E	XTRA H	EAVY V	VALL		
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE
SCHX19	19.0	3.2	43	36	\$6.88	\$198.00
SCHX22	22.0	3.2	23	16	\$8.28	\$105.92
SCHX26	26.0	4.0	25	12	\$13.01	\$124.92
SCHX30	30.0	5.0	47	16	\$18.75	\$240.00
SCHX32	30.0	5.0	47	16	\$18.75	\$240.00
SCHX32	32.0	4.0	42	16	\$16.25	\$208.00
SCHX38	38.0	4.0	29	9	\$20.06	\$144.45
SCHX44	44.0	4.0	34	9	\$23.60	\$169.92
SCHX45	45.0	5.0	42	9	\$30.00	\$216.00
SCHX50X5	50.0	5.0	32	6	\$35.41	\$169.98
SCHX50X7	50.0	7.0	42	6	\$52.50	\$252.00
SCHX50X9	50.0	9.0	52	6	\$64.58	\$309.96
SCHX60	60.0	5.0	26	4	\$49.06	\$157.00
SCHX65	65.0	5.0	24	4	\$56.25	\$180.00
SCHX70x5	70.0	5.0	35	4	\$60.23	\$192.72
SCHX75	75.0	5.0	33	4	\$63.44	\$203.00

PYREX

	ROUND ROD								
PRODUCT	DIAM.(MM)	LBS./CASE	PIECES/CASE	PER PIECE	SINGLE CASE				
PYRO3-CZ	3	37	700	\$0.34	\$196.00				
PYRO4-CZ	4	37	400	\$0.51	\$164.00				
PYRO5-CZ	5	37	256	\$0.81	\$163.84				
PYR06-CZ	6	36	170	\$0.95	\$129.20				
PYR07-CZ	7	34	120	\$1.35	\$129.60				
PYR08-CZ	8	37	100	\$1.71	\$137.00				
PYR09-CZ	9	38	81	\$2.00	\$129.60				
PYR10-CZ	10	37	64	\$2.55	\$130.56				
PYR11-CZ	11	35	50	\$3.01	\$120.50				

	ROUND ROD								
PRODUCT	DIAM.(MM)	LBS./CASE	PIECES/CASE	PER PIECE	SINGLE CASE				
PYR12.7-CZ	12.7	34	37	\$4.00	\$118.40				
PYR15.9-CZ	15.9	23	16	\$6.86	\$87.84				
PYR19-CZ	19	33	16	\$9.79	\$125.28				
PYR254-CZ	25.4	34	9	\$20.72	\$149.22				
PYR31.7-CZ	31.7	23	4	\$42.56	\$136.20				
PYR38.1-CZ	38.1	34	4	\$66.05	\$211.36				
PYR457-CZ	45.7	48	4	\$102.38	\$327.60				



PYREX

STANDARD WALL							
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE	
PYS10x1-US	10	1.0	41	198	\$0.81	\$128.70	
PYS28x1.5-CZ	28	1.5	23	25	\$3.86	\$77.25	
PYS51x2-CZ	51	2.0	20	9	\$10.33	\$74.34	

	MEDIUM WALL								
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE			
PYH508x3.2-CZ	50.8	3.2	32	9	\$20.66	\$148.68			
PYM08x1.5-CZ	8	1.5	22	98	\$1.09	\$86.24			
PYM09x1.5-US	9	1.5	39	150	\$0.94	\$112.50			
PYM10x1.5-CZ	10	1.5	19	66	\$1.27	\$67.32			
PYM12.7x1.6-CZ	12.7	1.6	33	81	\$1.75	\$113.40			
PYM159x1.6-CZ	15.9	1.6	26	49	\$2.52	\$98.98			
PYM32x1.8-CZ	32	1.8	31	25	\$5.08	\$101.50			
PYM35x2-CZ	35	2.0	24	16	\$6.29	\$80.48			
PYM38x2-US	38	2.0	27	16	\$7.38	\$94.40			

HEAVY WALL TUBE								
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE		
PYH08x2-CZ	8	2.0	24	100	\$1.39	\$111.00		
PYH095x2-CZ	9.5	2.0	24	69	\$1.65	\$91.08		
PYH10x2-CZ	10	2.0	24	66	\$1.58	\$83.16		
PYH11x2-CZ	11	2.0	21	51	\$1.62	\$66.30		
PYH12.7x2.4-CZ	12.7	2.4	46	81	\$2.46	\$159.57		
PYH12x2.2-CZ	12	2.2	24.4	49	\$2.23	\$87.71		
PYH159x2.4-CZ	15.9	2.4	37	49	\$3.61	\$141.61		

HEAVY WALL TUBE						
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE
PYH19x2.5-US	19	2.5	31	33	\$3.75	\$99.00
PYH22x2.25-CZ	22	2.25	37	36	\$4.52	\$129.96
PYH254x2.4-US	25.4	2.4	38	30	\$5.85	\$140.40
PYH26x2.8-US	26	2.8	45	30	\$6.57	\$157.80
PYH32x2.8-US	32	2.8	43	23	\$7.85	\$144.44
PYH38x2.8-US	38	2.8	36	16	\$9.69	\$124.00
PYH44x3.2-US	44	3.2	36	12	\$12.68	\$121.68

EXTRA HEAVY WALL							
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE	
PYX191x3.2-CZ	19.1	3.2	42	36	\$4.77	\$137.52	
PYX22x3.2-CZ	22	3.2	51	36	\$5.50	\$158.40	
PYX254x4-CZ	25.4	4.0	50	25	\$8.40	\$168.00	
PYX317x4-CZ	31.7	4.0	41	16	\$11.48	\$146.88	
PYX32x4-US	32	4.0	41	20	\$8.55	\$137.00	
PYX381x4-CZ	38.1	4.0	50	16	\$15.47	\$198.08	
PYX38x4-US	38	4.0	38	12	\$12.47	\$119.76	
PYX44x4-US	44	4.0	44	12	\$15.88	\$152.52	
PYX45x5-US	45	5.0	55	12	\$18.65	\$179.04	
PYX508x4.8-CZ	50.8	4.8	46	9	\$20.13	\$144.90	



NORTHSTAR HAND PULLED COLOR TUBING

HAND PULLED TUBING					
PRODUCT#	COLOR	OUNCE	1 POUND		
NST13	Amber Purple	\$4.66	\$64.96		
NST45	Blue Moon	\$4.31	\$60.00		
NST78	Mystery Aventurine	\$4.66	\$64.96		
NST106	Dark Amethyst	\$3.94	\$54.88		
NST125	Jet Black	\$3.94	\$54.88		
NSTWT001	Serendipity (Star White coated with Amber Purple)	\$5.38	\$74.88		
NSTWT002	Electric Blue Velvet (Unobtainum coated with Cobalt)	\$5.38	\$74.88		
NSTWT007	Green Money	\$6.46	\$89.92		
NSTWT013	Deppes Darkness	\$5.39	\$74.88		

- This hand pulled color tubing varies in size: LENGTH 8 - 22 INCHES
 - DIAMETER FROM 15 38 MILLIMETER
 - WALL THICKNESS 2 6 MILLIMETER
 - WEIGHT 1/2 TO 1 POUND
- These items are sold by the ounce with a minimum order of 8 ounces (1/2 pound). Tubes will we pulled as close to the weight ordered as possible.
- Please be aware that some tubes may taper or have varying wall thicknesses throughout the tube.
- Odds and 2nds also available. See our website for current stock.



TRAUTMAN COLOR TUBING

	TUBING					
PRODUCT#	COLOR	OUNCE	1 POUND			
TGT01	Elvis Self Striking Red	\$5.75	\$80.00			
TGT17	Kiwi	\$8.98	\$124.96			
TGT18	Pink Cadillac	\$8.98	\$124.96			
TGT23	Wistera	\$8.98	\$124.96			
TGT27	Blue Stardust	\$7.79	\$108.48			

TUBING					
PRODUCT# COLOR OUNCE 1 POUND					
TGT37	Mighty Moss	\$8.62	\$120.00		
TGT43	Green Stardust	\$7.83	\$108.96		
TGT50	Slyme #3 (DENSE)	\$8.98	\$124.96		
TGT59	Pink Lollipop	\$7.83	\$108.96		

GREASY GLASS COLOR ROD

	ROD					
PRODUCT#	COLOR	OUNCE	1 POUND			
GY01	Dense Blue Cheese	\$5.75	\$80.00			
GY10	Baby Blue Cheese	\$5.75	\$80.00			
GY12	Purple Rainbow	\$5.75	\$80.00			
GY14	Greasy Purple	\$5.75	\$80.00			
GY18	Samurai (Black Light Reactive)	\$5.75	\$80.00			
GY18-C	Samurai (UV-A)	\$4.31	\$60.00			
GY23	Ganja Butter	\$5.38	\$75.00			
GY32	Robin's Egg	\$5.75	\$80.00			
GY34	Dense Shifty Peach Chees	\$8.98	\$124.96			
GY38	Shifty Peach	\$7.18	\$100.00			
GY42	Shifty Peach Satin	\$10.78	\$149.92			
GY44	Greasy Cheesy Poofs	\$5.38	\$75.00			
GY45	Hulk Satin	\$6.46	\$90.00			
GY46	Milky Yoshi	\$7.18	\$100.00			
GY48	Hulk Cheese	\$6.46	\$89.92			
GY51	Green Hulk	\$7.18	\$100.00			
GY53	White Satin (UV)	\$7.34	\$108.02			

ROD					
PRODUCT#	COLOR	OUNCE	1 POUND		
GY54	Pineapple Express	\$5.75	\$80.00		
GY55	Key Lime	\$4.67	\$64.96		
GY56	Chartreuse	\$4.67	\$64.96		
GY58	Blue Cheese Satin	\$6.46	\$90.00		
GY59	Experimental Green Energy	\$4.31	\$60.00		
GY60	Glopal Rod (UV)	\$6.47	\$89.92		
GY61	Purple Satin #	\$6.47	\$89.92		
GY62	Hydro	\$5.75	\$80.00		
GY63	Autumn Agate	\$5.75	\$80.00		
GY64	Glopal X White Samurai	\$4.67	\$65.00		
GY65	PB & Jelly	\$6.47	\$90.00		
GY66	Skywalker	\$5.40	\$75.00		
GY67	Wildberry	\$5.03	\$70.00		
GY70	Wildberry Opal	\$5.03	\$70.00		
GY71	Exp. Blue Yoshi	\$6.47	\$89.92		
GY82	Jungle Juice	\$5.75	\$80.00		
RES220	Neo Opal CFL	\$5.38	\$74.88		
RES221	Aquarius	\$6.75	\$89.92		

GREASY GLASS COLOR TUBING

TUBING					
PRODUCT #	COLOR	OUNCE	1 POUND		
GYT01	Dense Blue Cheese	\$5.75	\$80.00		
GYT07	Pink Over White	\$5.75	\$80.00		
GYT08	Pink Cheese	\$5.75	\$80.00		
GYT10	Baby Blue Cheese	\$5.75	\$80.00		
GYT12	Purple Rainbow	\$5.75	\$80.00		
GYT14	Greasy Purple	\$5.75	\$80.00		
GYT23	Ganja Butter	\$5.75	\$80.00		

TUBING					
PRODUCT#	COLOR	OUNCE	1 POUND		
GYT32	Robin's Egg	\$5.75	\$80.00		
GYT34	Shifty Peach Cheese	\$9.33	\$129.92		
GYT35	Shifty Peach	\$8.26	\$114.88		
GYT41	Opaque Shifty Peach	\$9.33	\$129.92		
GYT42	Shifty Peach Satin	\$10.78	\$149.92		
GYT46	Yoshi	\$8.98	\$124.96		
GYT71	Blue Satin in Clear	\$5.50	\$76.48		

BOROSILICATE COLOR TUBING



CHINESE COLOR ROD — 12 & 16 IN LENGTH

• Please Note: The reason import tubing and rod is 50% off or more compared to other brands of glass is the quality is lower. Please be prepared for some variation in wall sizes, thickness, scratches, air bubbles & stones etc. Please also be aware we are sourcing our glass from the best factory in China and we believe the quality to be better than you may find elsewhere.

		ROD			
PRODUCT	COLOR	OUTSIDE DIAM. (MM)	LENGTH	OUNCE	1 POUND
DAAAR7	Autumn Amber	7-9	16in	\$0.71	\$9.92
DABBR7	Brilliant Blue	7-9	16in	\$0.71	\$9.92
DABGR7	Bright Green	7-9	16in	\$0.71	\$9.92
DABKR7	Opaque Black	7-9	16in	\$1.07	\$14.88
DABRR7	Brown	7-9	16in	\$1.50	\$20.96
DACGR7	Charcoal Grey	7-9	16in	\$1.07	\$14.88
DACPR7	Champagne	7-9	16in	\$0.71	\$9.92
DADBR7	Dense Blue	7-9	16in	\$1.07	\$14.88
DAEGR7	Emerald Green	7-9	16in	\$0.71	\$9.92
DAGDR7	Dark Grey	7-9	16in	\$2.79	\$38.88
DAGLR7	Light Grey	7-9	16in	\$2.79	\$38.88
DAJGR7	Jade Green	7-9	16in	\$0.71	\$9.92
DAJWR7	Jade White	7-9	16in	\$0.71	\$9.92
DALBR7	Light Blue	7-9	16in	\$0.71	\$9.92
DALGR7	Lake Green	7-9	16in	\$0.71	\$9.92

		ROD			
PRODUCT	COLOR	OUTSIDE DIAM. (MM)	LENGTH	OUNCE	1 POUND
DALTR7	Light Topaz	7-9	16in	\$0.71	\$9.92
DALJR7	Lime Juice	7-9	16in	\$2.79	\$38.88
DAMBR7	Milky Blue	7-9	16in	\$1.07	\$14.88
DAMGR7	Milky Green	7-9	12in	\$2.79	\$38.88
DAMPR7	Opaque Milky Pink	7-9	12in	\$2.79	\$38.88
DAMTR7	Mint Green	7-9	16in	\$0.71	\$9.92
DAMVR7	Opaque Milky Violet	7-9	12in	\$2.79	\$38.88
DAPAR7	Purple Amethyst	7-9	12in	\$1.07	\$14.88
DAPSR7	Pink Sapphire	7-9	16in	\$1.07	\$14.88
DAORR7	Rebel Red	7-9	16in	\$2.79	\$38.88
DASSR7	Sandstone	7-9	16in	\$2.79	\$38.88
DAWHR7	Opaque White	7-9	16in	\$1.29	\$17.92
DAYLR7	Yellow	7-9	16in	\$0.71	\$9.92

CHINESE COLOR ROD — 4 FT LENGTH

ROD						
PRODUCT	COLOR	OUTSIDE DIAM. (MM)	LENGTH	PIECE	1/2 CASE	FULL CASE
DAAAR12	Autumn Amber	12	4ft	\$7.00	\$190.40	\$233.10
DAAAR19	Autumn Amber	19	4ft	\$8.50	\$290.80	\$370.40
DAAAR26	Autumn Amber	26	4ft	\$31.00	\$185.50	\$231.00
DABBR12	Brilliant Blue	12	4ft	\$4.00	\$184.60	\$232.05
DABBR16	Brilliant Blue	16	4ft	\$6.89	\$130.91	\$143.13
DABBR19	Brilliant Blue	19	4ft	\$8.50	\$290.80	\$370.40
DABBR25	Brilliant Blue	25	4ft	\$29.00	\$245.00	\$310.00
DABKR20	Black Rod	20	4ft	\$25.50	\$215.00	\$270.00
DABKR28	Black Rod	28	4ft	\$44.92	\$209.22	\$305.04
DACGR12	Charcoal Grey	12	4ft	\$10.50	\$284.80	\$349.65
DACGR19	Charcoal Grey	19	4ft	\$17.00	\$188.50	\$234.00
DACGR26	Charcoal Grey	26	4ft	\$46.50	\$276.50	\$343.00
DAEGR16	Emerald Green	16	4ft	\$6.89	\$130.91	\$143.13
DAEGR19	Emerald Green	19	4ft	\$17.00	\$188.50	\$234.00
DAEGR25	Emerald Green	25	4ft	\$29.00	\$245.00	\$310.00
DAJGR12	Jade Green	12	4ft	\$4.29	\$116.48	\$143.64
DAJWR12	Jade White	12	4ft	\$7.00	\$190.40	\$233.10
DAJWR18	Jade White	18	4ft	\$17.00	\$188.50	\$234.00
DAJWR26	Jade White	26	4ft	\$46.50	\$276.50	\$350.00

	ROD									
PRODUCT	COLOR	OUTSIDE DIAM. (MM)	LENGTH	PIECE	1/2 CASE	FULL CASE				
DALBR12	Light Blue	12	4ft	\$4.55	\$123.84	\$151.83				
DALBR16	Light Blue	16	4ft	\$6.89	\$130.91	\$143.13				
DALBR26	Light Blue	26	4ft	\$20.15	\$120.61	\$150.22				
DALGR13	Lake Green	13	4ft	\$4.71	\$112.00	\$142.24				
DALGR19	Lake Green	19	4ft	\$17.00	\$188.50	\$234.00				
DALGR25	Lake Green	25	4ft	\$29.00	\$245.00	\$310.00				
DALTR12	Light Topaz	12	4ft	\$4.55	\$123.84	\$151.83				
DAPSR12	Pink Sapphire	12	4ft	\$13.00	\$312.00	\$409.50				
DAPSR18	Pink Sapphire	18	4ft	\$22.50	\$285.00	\$360.00				
DAPSR26	Pink Sapphire	26	4ft	\$46.50	\$276.50	\$350.00				
DAPAR12	Purple Amethyst	12	4ft	\$13.00	\$312.00	\$409.50				
DAPAR20	Purple Amethyst	20	4ft	\$22.50	\$285.00	\$360.00				
DAPAR25	Purple Amethyst	25	4ft	\$43.50	\$370.00	\$460.00				
DABKR12	Opaque Black	12	4ft	\$10.50	\$284.80	\$349.65				
DABKR16	Opaque Black	16	4ft	\$16.50	\$280.00	\$341.25				
DABKR19	Opaque Black	19	4ft	\$25.50	\$279.50	\$351.00				
DABKR26	Opaque Black	26	4ft	\$46.50	\$265.50	\$343.00				
DAYLR12	Yellow	12	4ft	\$4.29	\$116.48	\$143.64				



CHINESE COLOR TUBING — 4 FT LENGTH

		TU	IBING			
PRODUCT	COLOR	OUTSIDE DIAM. (MM)	LENGTH	PIECE	1/2 CASE	FULL CASE
DAAA09	Autumn Amber	9	4ft	\$2.00	\$149.60	\$184.80
DAAA12	Autumn Amber	12	4ft	\$4.00	\$184.60	\$232.05
DAAA16	Autumn Amber	16	4ft	\$5.50	\$167.40	\$208.80
DAAA19	Autumn Amber	19	4ft	\$8.50	\$290.80	\$370.40
DAAA25	Autumn Amber	25	4ft	\$15.00	\$268.80	\$336.00
DAAA28x4	Autumn Amber	28	4ft	\$14.89	\$210.96	\$299.25
DAAA32	Autumn Amber	32	4ft	\$22.00	\$288.00	\$360.00
DAAA38	Autumn Amber	38	4ft	\$24.00	\$224.00	\$280.00
DAAA44	Autumn Amber	44	4ft	\$29.00	\$204.80	\$256.00
DABB09	Brilliant Blue	9	4ft	\$2.00	\$149.60	\$184.80
DABB12	Brilliant Blue	12	4ft	\$4.00	\$184.60	\$232.05
DABB16	Brilliant Blue	16	4ft	\$5.50	\$167.40	\$208.80
DABB19	Brilliant Blue	19	4ft	\$8.50	\$290.80	\$370.40
DABB25	Brilliant Blue	25	4ft	\$15.00	\$268.80	\$336.00
DABB28	Brilliant Blue	28	4ft	\$17.00	\$261.00	\$315.00
DABB32	Brilliant Blue	32	4ft	\$22.00	\$288.00	\$360.00
DABB38	Brilliant Blue	38	4ft	\$24.00	\$224.00	\$280.00
DABBSC38x4	Brilliant Blue SCALLOPED	38	4ft	\$22.25	\$190.00	\$238.00
DABB44	Brilliant Blue	44	4ft	\$29.00	\$204.80	\$256.00
DABB50	Brilliant Blue	50	4ft	\$35.00	\$192.00	\$210.00
DABBSC50x48	Brilliant Blue SCALLOPED	51	4ft	\$42.99	\$219.00	\$274.80
DACG09	Charcoal Grey	9	4ft	\$3.00	\$224.40	\$281.60
DACG12	Charcoal Grey	12	4ft	\$6.00	\$228.80	\$336.00
DACG16x24	Charcoal Grey	16	4ft	\$5.95	\$122.76	\$196.56
DACG19	Charcoal Grey	19	4ft	\$14.00	\$410.00	\$600.00
DACG25	Charcoal Grey	25	4ft	\$19.00	\$288.75	\$420.00
DACG28x4	Charcoal Grey	28	4ft	\$17.55	\$181.44	\$284.55
DACG32	Charcoal Grey	32	4ft	\$28.00	\$346.50	\$504.00
DACG38	Charcoal Grey	38	4ft	\$34.00	\$264.00	\$384.00
DACG44	Charcoal Grey	44	4ft	\$40.00	\$272.80	\$396.80
DACG51x48	Charcoal Grey	51	4ft	\$22.75	\$124.80	\$136.56
DAEG09	Emerald Green	9	4ft	\$2.00	\$149.60	\$184.80
DAEG12	Emerald Green	12	4ft	\$4.00	\$184.60	\$232.05
DAEG16	Emerald Green	16	4ft	\$5.50	\$167.40	\$208.80
DAEG19	Emerald Green	19	4ft	\$8.50	\$290.80	\$370.40
DAEG25	Emerald Green	25	4ft	\$15.00	\$268.80	\$336.00
DAEG28x4	Emerald Green	28	4ft	\$11.05	\$169.74	\$204.75
DAEG32	Emerald Green	32	4ft	\$22.00	\$288.00	\$360.00
DAEG38	Emerald Green	38	4ft	\$24.00	\$224.00	\$280.00
DAEG44	Emerald Green	44	4ft	\$29.00	\$204.80	\$256.00
DAEG50	Emerald Green	50	4ft	\$35.00	\$192.00	\$210.00
DAJG09x2	Jade Green	9	4ft	\$1.91	\$132.00	\$193.60
DAJG12x2	Jade Green	12	4ft	\$3.21	\$131.56	\$194.25
DAJG19x3	Jade Green	19	4ft	\$6.88	\$216.40	\$316.00
DAJG25x4	Jade Green	25	4ft	\$12.22	\$202.02	\$294.84

TUBING							
PRODUCT	COLOR	OUTSIDE DIAM. (MM)	LENGTH	PIECE	1/2 CASE	FULL CASE	
DAJG28x4	Jade Green	28	4ft	\$13.83	\$195.84	\$277.90	
DAJG32x4	Jade Green	32	4ft	\$16.19	\$191.25	\$279.00	
DAJW09	Jade White	9	4ft	\$2.00	\$149.60	\$184.80	
DAJW12	Jade White	12	4ft	\$4.00	\$184.60	\$232.05	
DAJW16x24	Jade White	16	4ft	\$5.50	\$167.40	\$208.80	
DAJW19	Jade White	19	4ft	\$17.00	\$188.50	\$234.00	
DAJW25	Jade White	25	4ft	\$15.00	\$268.80	\$336.00	
DAJW28x4	Jade White	28	4ft	\$11.05	\$169.74	\$226.45	
DAJW32	Jade White	32	4ft	\$22.00	\$288.00	\$360.00	
DAJW38	Jade White	38	4ft	\$24.00	\$224.00	\$280.00	
DAJW44	Jade White	44	4ft	\$29.00	\$204.80	\$256.00	
DALB09x2	Light Blue	9	4ft	\$1.30	\$97.68	\$119.68	
DALB12x2	Light Blue	12	4ft	\$2.60	\$120.12	\$151.20	
DALB16x2.4	Light Blue	16	4ft	\$3.58	\$108.72	\$156.96	
DALB25x4	Light Blue	25	4ft	\$9.75	\$174.72	\$218.40	
DALB32x4	Light Blue	32	4ft	\$14.30	\$187.20	\$234.00	
DALB38x4	Light Blue	38	4ft	\$15.60	\$145.60	\$182.00	
DALB44x4	Light Blue	44	4ft	\$18.85	\$133.12	\$166.40	
DALG19x2	Lake Green	19	4ft	\$5.53	\$189.20	\$257.60	
DALJ12x2	Lime Juice	12	4ft	\$12.83	\$525.20	\$773.85	
DALJ25x4	Lime Juice	25	4ft	\$48.88	\$808.08	\$1,179.36	
DALJ32x4	Lime Juice	32	4ft	\$64.77	\$764.85	\$1,116.30	
DALJ38x4	Lime Juice	38	4ft	\$77.90	\$613.30	\$895.00	
DALJ44x4	Lime Juice	44	4ft	\$92.26	\$581.04	\$848.00	
DAMB25x4	Milky Blue	25	4ft	\$15.60	\$187.53	\$300.72	
DAMB32x4	Milky Blue	32	4ft	\$20.67	\$177.60	\$284.40	
DAMG12x2	Milky Green	12	4ft	\$12.83	\$525.20	\$773.85	
DAMG25x4	Milky Green	25	4ft	\$48.88	\$808.08	\$1,179.36	
DAMG28x4	Milky Green	28	4ft	\$55.30	\$783.54	\$1,111.95	
DAMG32x4	Milky Green	32	4ft	\$64.77	\$764.85	\$1,116.30	
DAMG38x4	Milky Green	38	4ft	\$77.90	\$613.30	\$895.00	
DAMM12x2	Margarita Mix	12	4ft	\$25.94	\$1,057.68	\$1,547.70	
DAMM25x4	Margarita Mix	25	4ft	\$98.80	\$1,627.08	\$2,358.72	
DAMM32x4	Margarita Mix	32	4ft	\$130.91	\$1,539.90	\$2,232.30	
DAMM38x4	Margarita Mix	38	4ft	\$157.46	\$1,234.90	\$1,790.20	
DAMP12x2	Milky Pink	12	4ft	\$12.83	\$525.20	\$773.85	
DAMP25x4	Milky Pink	25	4ft	\$48.88	\$808.08	\$1,179.36	
DAMP28x4	Milky Pink	28	4ft	\$55.30	\$783.54	\$1,111.95	
DAMP32x4	Milky Pink	32	4ft	\$64.77	\$764.85	\$1,116.30	
DAMP38x4	Milky Pink	38	4ft	\$77.90	\$613.30	\$895.00	
DAMT12x2	Mint Green	12	4ft	\$3.21	\$131.56	\$194.25	
DAMT25x4	Mint Green	25	4ft	\$12.22	\$202.02	\$294.84	
DAMT32x4	Mint Green	32	4ft	\$16.65	\$196.65	\$287.10	
DAMT38x4	Mint Green	38	4ft	\$19.47	\$153.30	\$223.80	
DAMT44x4	Mint Green	44	4ft	\$23.07	\$145.28	\$212.00	
DAMV09x2	Milky Violet	9	4ft	\$7.64	\$528.88	\$772.64	
DAMV12x2	Milky Violet	12	4ft	\$12.83	\$525.20	\$773.85	



CHINESE COLOR TUBING — 4 FT LENGTH

		TL	JBING			
PRODUCT	COLOR	OUTSIDE DIAM. (MM)	LENGTH	PIECE	1/2 CASE	FULL CASE
DAMV25x4	Milky Violet	25	4ft	\$48.88	\$808.08	\$1,179.36
DAMV28X4	Milky Violet	28	4ft	\$55.30	\$783.54	\$1,111.95
DAMV32x4	Milky Violet	32	4ft	\$64.77	\$764.85	\$1,116.30
DAMV38x4	Milky Violet	38	4ft	\$77.90	\$613.30	\$895.00
DAPS09	Pink Sapphire	9	4ft	\$5.75	\$426.80	\$536.80
DAPS12	Pink Sapphire	12	4ft	\$10.15	\$400.40	\$535.50
DAPS16x24	Pink Sapphire	16	4ft	\$11.25	\$306.00	\$414.00
DAPS19	Pink Sapphire	19	4ft	\$20.25	\$610.00	\$808.00
DAPS25	Pink Sapphire	25	4ft	\$37.00	\$588.00	\$777.00
DAPS32	Pink Sapphire	32	4ft	\$49.75	\$558.75	\$742.50
DAPS38	Pink Sapphire	38	4ft	\$60.50	\$455.00	\$605.00
DAPS44	Pink Sapphire	44	4ft	\$71.00	\$430.00	\$568.00
DAPS51x48	Pink Sapphire	51	4ft	\$22.75	\$136.50	\$136.56
DAPA09	Purple Amethyst	9	4ft	\$5.75	\$426.80	\$536.80
DAPA12	Purple Amethyst	12	4ft	\$10.15	\$400.40	\$535.50
DAPA16x24	Purple Amethyst	16	4ft	\$11.25	\$306.00	\$414.00
DAPA19	Purple Amethyst	19	4ft	\$20.25	\$610.00	\$808.00
DAPA25	Purple Amethyst	25	4ft	\$37.00	\$588.00	\$777.00
DAPA28x4	Purple Amethyst	28	4ft	\$21.77	\$338.76	\$506.45
DAPA32	Purple Amethyst	32	4ft	\$49.75	\$558.75	\$742.50
DAPA38	Purple Amethyst	38	4ft	\$60.50	\$455.00	\$605.00
DAPA44	Purple Amethyst	44	4ft	\$71.00	\$430.00	\$568.00
DABK09	Opaque Black	9	4ft	\$3.00	\$224.40	\$281.60

	TUBING								
PRODUCT	COLOR	OUTSIDE DIAM. (MM)	LENGTH	PIECE	1/2 CASE	FULL CASE			
DABK12	Opaque Black	12	4ft	\$6.00	\$228.80	\$336.00			
DABK16	Opaque Black	16	4ft	\$8.25	\$219.60	\$396.00			
DABK19	Opaque Black	19	4ft	\$14.00	\$410.00	\$600.00			
DABK25	Opaque Black	25	4ft	\$19.00	\$288.75	\$420.00			
DABK28	Opaque Black	28	4ft	\$27.00	\$279.00	\$437.50			
DABK32	Opaque Black	32	4ft	\$28.00	\$346.50	\$504.00			
DABK38	Opaque Black	38	4ft	\$34.00	\$264.00	\$384.00			
DABK44	Opaque Black	44	4ft	\$40.00	\$272.80	\$396.80			
DABK50	Opaque Black	50	4ft	\$52.50	\$264.00	\$343.30			
DALG09	Lake Green	9	4ft	\$2.00	\$149.60	\$184.80			
DALG12	Lake Green	12	4ft	\$4.00	\$184.60	\$232.05			
DALG16	Lake Green	16	4ft	\$5.50	\$167.40	\$208.80			
DALG19	Lake Green	19	4ft	\$17.00	\$188.50	\$234.00			
DALG25	Lake Green	25	4ft	\$15.00	\$268.80	\$336.00			
DALG28	Lake Green	28	4ft	\$17.00	\$261.00	\$315.00			
DALG32	Lake Green	32	4ft	\$22.00	\$288.00	\$360.00			
DALG38	Lake Green	38	4ft	\$24.00	\$224.00	\$280.00			
DALG44	Lake Green	44	4ft	\$29.00	\$204.80	\$256.00			
DALG50	Lake Green	50	4ft	\$35.00	\$192.00	\$210.00			
DAYLO9X2	Yellow	9	4ft	\$2.00	\$149.60	\$184.80			
DAYL12X2	Yellow	12	4ft	\$4.00	\$184.60	\$232.05			
DAYL16X24	Yellow	16	4ft	\$5.50	\$167.40	\$208.80			
DAYL19X3	Yellow	19	4ft	\$8.50	\$290.80	\$370.40			
DAYL25X4	Yellow	25	4ft	\$15.00	\$268.80	\$336.00			
DAYL32X4	Yellow	32	4ft	\$22.00	\$288.00	\$360.00			
DAYL38X4	Yellow	38	4ft	\$24.00	\$224.00	\$280.00			
DAYL44x4	Yellow	44	4ft	\$23.07	\$145.28	\$212.00			
DAYL51x48	Yellow	51	4ft	\$31.85	\$150.42	\$219.60			

cutting fees

When you order 4ft or 5ft tubing and rod, we will cut your glass if we can save you money on your shipping charges after applicable cutting fees. If you do not want your glass cut please put a note in the comments field of your order and we will note this in your account for future orders.



BOROSILICATE COLOR TUBING/FRIT TUBING

CHINESE CLEAR ROD

	ROUND ROD									
PRODUCT	OUTSIDE DIAM.(MM)	LENGTH	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE				
UR05-4	5.0	4ft	44	350	\$0.38	\$73.50				
UR06-4	6.0	4ft	44	257	\$0.36	\$61.68				
UR08-4	8.0	4ft	44	147	\$0.59	\$61.74				
UR10-4	10	4ft	44	88	\$0.83	\$61.60				
UR12-4	12	4ft	44	67	\$1.19	\$61.64				
UR14-4	14	4ft	44	49	\$1.67	\$61.25				

ROUND ROD								
PRODUCT	OUTSIDE DIAM.(MM)	LENGTH	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE		
UR16-4	16	4ft	44	33	\$2.70	\$62.37		
UR25-4	20	4ft	58	20	\$5.05	\$80.80		
UR38-5	38	5ft	46	6	\$13.43	\$64.44		

		FLA	T ROD			
PRODUCT	OUTSIDE DIAM.(MM)	WALL (MM)	LBS./CASE	PIECES/ CASE	PER PIECE	SINGLE CASE
UF10	10	4.8	44	154	\$0.66	\$75.46

CHINESE

	FRIT									
PRODUCT #	COLOR	GRADE	SIZE	PRICE						
DACLF	Clear	25	1 POUND	\$9.99						
DAAAF	Autumn Amber	25	1 POUND	\$9.99						
DABBF	Blue	25	1 POUND	\$9.99						
DABKF	Black	25	1 POUND	\$14.99						
DAEGF	Emerald Green	25	1 POUND	\$9.99						
DAJGF	Jade Green	25	1 POUND	\$9.99						

	FRIT								
PRODUCT #	COLOR	GRADE	SIZE	PRICE					
DAJWF	Jade White	25	1 POUND	\$9.99					
DALGF	Lake Green	25	1 POUND	\$9.99					
DALTF	Light Topaz	25	1 POUND	\$9.99					
DAPSF	Pink Sapphire	25	1 POUND	\$14.99					
DAYLF	Yellow	25	1 POUND	\$9.99					

backorder policy

If you order an item and are unaware it is out of stock we will contact you to see if you would like to substitute a different product, remove the item, or back order it. If we do not hear from you within 24 hours we will remove the item from the order and ship the order minus the out of stock item. When the product is in stock we will send you an email to notify you it is available.

If you do choose to backorder an item it is billed when sent free of shipping and handling charges, with the exception of 5ft tubing and rod, items requiring freight shipment, or items that would have shipped in their own box originally. If an item has not arrived after 30 days, we will contact you to update you of the status. Be assured we are still trying to source the item if it is still not available after 30 days.



HINDU KUSH COLOR

	ROD		
PRODUCT #	COLOR	OUNCE	1 POUND
HK01	Red	\$1.79	\$24.96
HK03	Pink	\$1.79	\$24.96
HK04	Orange	\$1.79	\$24.96
HK05	Yellow	\$1.79	\$24.96
HK06	Army Green	\$1.79	\$24.96
HK07	Parrot Green	\$1.79	\$24.96
HK08	Turquoise	\$1.79	\$24.96
HK09	Teal	\$1.79	\$24.96
HK10	Sky Blue	\$1.79	\$24.96

	ROD		
PRODUCT #	COLOR	OUNCE	1 POUND
HK11	Dark Blue	\$1.79	\$24.96
HK12	Purple	\$1.79	\$24.96
HK13	Chocolate	\$1.79	\$24.96
HK14	White	\$1.79	\$24.96
HK15	Cream	\$1.79	\$24.96
HK16	Black	\$1.79	\$24.96
HK18	Juniper Green	\$1.80	\$24.00
HK19	Marigold	\$1.80	\$24.00

	FRIT		
PRODUCT #	COLOR	GRADE	1 POUND
FH0138	Red	38	\$30.00
FH0338	Pink	38	\$30.00
FH0370	Pink	70	\$30.00
FH0438	Orange	38	\$30.00
FH0538	Yellow	38	\$30.00
FH0838	Turquoise	38	\$30.00
FH0870	Turquoise	70	\$30.00
FH0938	Teal	38	\$30.00
FH0970	Teal	70	\$30.00

	FRIT		
PRODUCT #	COLOR	GRADE	1 POUND
FH1038	Sky Blue	38	\$30.00
FH1070	Sky Blue	70	\$30.00
FH1238	Purple	38	\$30.00
FH1270	Purple	70	\$30.00
FH1438	White	38	\$30.00
FH1470	White	70	\$30.00
FH1638	Black	38	\$30.00
FH1670	Black	70	\$30.00

PDX TUBING

PDX Tubing Company's mission is to create the highest quality materials using Glass Alchemy color and Simax clear. Made by glass blowers for glassblowers. PDX Tubing is sold by the ounce with a minimum order of 8 ounces. Tubes are pulled as close to the weight ordered as possible. Because of the nature of hand pulled tubes, the weight ordered and the weight sent/billed may vary by several ounces. Please be aware that some tubes may taper or have varying wall thicknesses throughout the tube.

	PDX TUBING		
PRODUCT #	COLOR	OUNCE	1 POUND
PDX01	Ghost Bloody Mary	\$5.75	\$80.00
PDX02	Ghost Chartreuse	\$5.75	\$80.00
PDX03	Ghost Amazon Night	\$5.75	\$80.00
PDX04	Ghost OJ	\$5.75	\$80.00
PDX05	Ghost Peacock	\$5.75	\$80.00
PDX06	Ghost Portland Grey	\$5.75	\$80.00
PDX07	Ghost Sriracha	\$5.75	\$80.00
PDX08	Ghost Yellowstone	\$5.75	\$80.00
PDX09	Opaque Encased Sriracha	\$5.75	\$80.00
PDX10	Ghost Agua Azul	\$5.75	\$80.00
PDX11	Lemondrop	\$5.75	\$80.00
PDX12	Blue Lotus	\$5.75	\$80.00
PDX13	Silver Nitrous (Striking)	\$5.75	\$80.00
PDX14	Hella Yella	\$5.75	\$80.00
PDX15	Ghost Antidote	\$5.75	\$80.00

	PDX TUBING		
PRODUCT #	COLOR	OUNCE	1 POUND
PDX16	Kryptonite	\$5.75	\$80.00
PDX17	Surface Agua	\$5.75	\$80.00
PDX18	Surface Peacock	\$5.75	\$80.00
PDX19	Surface Portland Grey	\$5.75	\$80.00
PDX20	Surface Eclipse	\$5.75	\$80.00
PDX21	Surface OJ	\$5.75	\$80.00
PDX22	Surface Hella Yella	\$5.75	\$80.00
PDX23	Ghost Red Crayon	\$5.75	\$80.00
PDX24	Ghost Mint	\$5.75	\$80.00
PDX25	Ghost Banana	\$5.75	\$80.00
PDX26	Ghost Really Teally	\$5.75	\$80.00
PDX27	Ghost Yellow Crayon	\$5.75	\$80.00
PDX28	Tropicanna	\$5.75	\$80.00
PDX29	Really Agua Teally	\$5.75	\$80.00



GOLDEN GATE



The Golden Gate Tubing is a hand pulled stick-stack, color tube. The sizes vary from 12mm in diameter up to 32mm and weights vary from 1/4 lb per tube to a pound. Wall thickness ranges from 2 mm to 6 mm and lengths generally range from 7 inches to 16 inches.

GO	GOLDEN GATE LINE TUBING				
PRODUCT #	COLOR	OUNCE	1 POUND		
GGT01	Air Water	\$5.61	\$78.08		
GGT02	City Sunset	\$5.61	\$78.08		
GGT04	Dead Steal	\$5.61	\$78.08		
GGT05	Fade to Dead	\$5.61	\$78.08		
GGT07	Fade to Bling	\$5.61	\$78.08		
GGT09	Fade to Rainbow	\$5.61	\$78.08		
GGT10	Fade to Steel Rasta	\$5.61	\$78.08		
GGT11	Fire Air	\$5.61	\$78.08		
GGT12	Fire Water	\$5.61	\$78.08		
GGT13	Four Color	\$5.61	\$78.08		
GGT14	Freshwater Oil	\$5.61	\$78.08		
GGT16	Half Stack Jailhouse Rainbow	\$5.61	\$78.08		
GGT17	Jailbird	\$5.61	\$78.08		
GGT18	Jailhouse Rainbow	\$5.61	\$78.08		
GGT19	Jailhouse Rasta	\$5.61	\$78.08		
GGT20	Rainbow	\$5.61	\$78.08		
GGT21	Rainbow Black Lines	\$5.61	\$78.08		
GGT22	Rasta	\$5.61	\$78.08		
GGT23	Rasta Black Lines	\$5.61	\$78.08		
GGT27	Fade to Air	\$5.61	\$78.08		
GGT28	Fade to Earth	\$5.61	\$78.08		
GGT30	Water Unobtainium	\$5.61	\$78.08		
GGT31	White Water	\$5.61	\$78.08		
GGT32	Fire Earth	\$5.61	\$78.08		
GGT33	Earth Water	\$5.61	\$78.08		
GGT34	Kill Bill	\$5.61	\$78.08		
GGT36	Kick Ass Yo	\$5.61	\$78.08		
GGT37	Money	\$8.16	\$113.60		
GGT38	Fire Unobtaimium	\$5.61	\$78.08		
GGT39	Carnival	\$5.61	\$78.08		
GGT41	Rainbow Sparkle	\$5.61	\$78.08		
GGT42	Black Rasta	\$5.61	\$78.08		
GGT43	Steel Rasta	\$5.61	\$78.08		
GGT46	Aztec Fire	\$5.61	\$78.08		
GGT47	Aztec Forest	\$5.61	\$78.08		
GGT54	Forest River	\$5.61	\$78.08		
GGT55	Aztec River	\$5.61	\$78.08		
GGT56	Mintval	\$5.61	\$78.08		
GGT58	Yetti	\$5.61	\$78.08		
GGT59	Spectrum White Line	\$5.61	\$78.08		
GGT60	Spectrum Black Line	\$5.61	\$78.08		
GGT61	Thunder F**k	\$7.01	\$97.60		
GGT62	11 Line Rainbow	\$5.61	\$78.08		

GOLDEN GATE LINE TUBING				
PRODUCT #	COLOR	OUNCE	1 POUND	
GGT63	Fade to Rasta	\$5.61	\$78.08	
GGT64	Rainbow Money	\$7.01	\$97.60	
GGT66	Fire Black	\$5.61	\$78.08	
GGT68	Fire Water Purple	\$5.61	\$78.08	
GGT69	Fall Harvest	\$5.61	\$78.08	
GGT70	Bee Sparkle	\$5.61	\$78.08	
GGT71	Swamp Fire Sparkle	\$5.61	\$78.08	
GGT72	Aztec	\$5.61	\$78.08	
GGT73	Rasta Money	\$7.01	\$97.60	
GGT74	Jailbird Money	\$7.01	\$97.60	
GGT76	Jamaican Jerk	\$5.61	\$78.08	
GGT78	Blueberry	\$5.61	\$78.08	
GGT79	Blazin	\$5.61	\$78.08	
GGT80	Taffy	\$5.61	\$78.08	
GGT81	Bloody Mary	\$5.61	\$78.08	
GGT82	Duck Water	\$5.61	\$78.08	
GGT83	Swamp Duck	\$5.61	\$78.08	
GGT84	Bubblegum	\$5.61	\$78.08	
GGT87	Peppermint with Stringers	\$5.98	\$83.20	
GGT90	Fiesta with Stringers	\$5.98	\$83.20	
GGT91	White Slyme with Stringers	\$5.98	\$83.20	
GGT92	Gorilla with Stringers	\$5.98	\$83.20	
GGT93	White Wigbow with Stringers	\$5.98	\$83.20	
GGT94	Chocolate Purple with Stringers	\$5.98	\$83.20	
GGT96	Kiwi Pond with Stringers	\$5.98	\$83.20	
GGT97	Jailhouse Fire with Stringers	\$5.98	\$83.20	
GGT98	Jailhouse Water with Stringers	\$5.98	\$83.20	
GGT99	Jailhouse Air with Stringers	\$5.98	\$83.20	
GGT100	Jailhouse Earth with Stringers	\$5.98	\$83.20	
GGT101	Jailhouse Gorilla with Stringers	\$5.98	\$83.20	
GGT102	Sunrise Mint with Stringers	\$5.98	\$83.20	
GGT103	Steel Navy with Stringers	\$5.98	\$83.20	
GGT104	Fat Rasta with Stringers	\$5.98	\$83.20	
GGT106	Northern Lights with Stringers	\$5.98	\$83.20	
GGT107	Money Kitty	\$7.01	\$97.60	

GO	LDEN GATE LINE	TUBII	NG
PRODUCT #	COLOR	OUNCE	1 POUND
GGT109	Dead Money	\$7.01	\$97.60
GGT110	Duck	\$5.61	\$78.08
GGT112	Rainbow with White Lines	\$5.61	\$78.08
GGT115	Half Stack Jailhouse Air w/ Stringers	\$6.10	\$84.96
GGT116	Half Stack Jailhouse Black	\$6.10	\$84.96
GGT117	Half Stack Fire Water	\$5.75	\$80.00
GGT119	Half Stack Air Water	\$5.75	\$80.00
GGT120	Half Stack Fire White	\$5.75	\$80.00
GGT122	Half Stack Jail House Rainbow w/ Black Line	\$5.75	\$80.00
GGT124	Half Stack Fire Water Purple	\$5.75	\$80.00
GGT125	Half Stack City Sunset	\$5.75	\$80.00
GGT127	Jailhouse Dead	\$5.75	\$80.00
GGT128	Slyme Kitty White w/ Stringers	\$6.10	\$84.96
GGT129	Water Earth w/ Stringers	\$6.10	\$84.96
GGT131	Fiesta Slyme w/ Stringers	\$6.10	\$84.96
GGT132	Air Water with Stringers	\$6.10	\$84.96
GGT134	Fall Harvest with Stringers	\$6.10	\$84.96
GGT135	Steel Kitty Tubing with Stringers	\$6.10	\$84.96
GGT137	Kill Bill with Stringers	\$6.10	\$84.96
GGT138	Fade to Rainbow with Stringers	\$6.10	\$84.96
GGT139	Fade to Fire with Stringers	\$6.10	\$84.96
GGT140	Fade to Water with Stringers	\$6.10	\$84.96
GGT141	Fade to Earth with Stringers	\$6.10	\$84.96
GGT142	Fade to Air with Stringers	\$5.75	\$80.00
GGT144	Clear Fire Half Stack	\$5.75	\$80.00
GGT145	Clear Water Half Stack	\$5.75	\$80.00
GGT146	Clear Jailhouse Half Stack	\$5.75	\$80.00
GGT147	Clear Air Half Stack	\$5.75	\$80.00
GGT148	Clear Earth Half Stack	\$5.75	\$80.00
GGT149	Bronco	\$5.75	\$80.00
GGT150	Jailbird Double Line	\$5.75	\$80.00



GOLDEN GATE

The Golden Gate Tubing is a hand pulled stick-stack, color tube. The sizes vary from 12mm in diameter up to 32mm and weights vary from 1/4 lb per tube to a pound. Wall thickness ranges from 2 mm to 6 mm and lengths generally range from 7 inches to 16 inches.

GOLDEN GATE LINE TUBING			
PRODUCT #	COLOR	OUNCE	1 POUND
GGT152	Fiesta Tubing with Stringers Half Stack	\$6.10	\$84.96
GGT154	Mintval Tubing Half Stack	\$5.75	\$80.00
GGT155	Pink Caddy with Rainbow	\$6.10	\$84.96
GGT156	Fire Kitty Half Stack	\$6.10	\$84.96
GGT158	Fiesta Black Tubing with Stingers	\$6.10	\$84.96
GGT159	Fade To Blazin Half Stack	\$5.75	\$80.00
GGT160	Fade To White Slyme Half Stack	\$5.75	\$80.00
GGT164	Yellow Aqua	\$5.75	\$80.00
GGT167	Green Jailbird with Orange	\$5.75	\$80.00
GGT168	Aqua Jailhouse with Red Green Orange	\$5.75	\$80.00
GGT171	Fade To White	\$5.75	\$80.00
GGT172	Fade To Black	\$5.75	\$80.00
GGT174	Fade To Fire	\$5.75	\$80.00
GGT177	Fade To Money	\$5.75	\$80.00
GGT180	Steel Line White Rasta	\$5.75	\$80.00
GGT181	Steel Line Black Rasta	\$5.75	\$80.00
GGT190	Franklin Tubing with Stringers	\$7.68	\$106.88
GGT192	Black Slyme Tubing with Stringers	\$7.68	\$106.88
GGT201	Jailhouse Water Halfstack w/ Stringers	\$5.95	\$82.88
GGT203	Jailhouse Gorilla String- ers Halfstack	\$6.10	\$84.96
GGT207	Rubik's Cube	\$5.75	\$80.00
GGT208	Aqua Bird	\$5.75	\$80.00
GGT209	Half Stack Fruit Striped w/ Black	\$5.75	\$80.00
GGT212	31 Line Rainbow	\$5.75	\$80.00
GGT214	Speed Racer	\$6.10	\$84.96
GGT215	Hi Trust	\$6.10	\$84.96
GGT219	Steel Blossom w/ Stringers	\$6.10	\$84.96
GGT220	Greybird	\$5.75	\$80.00
GGT222	Double Rainbow Love	\$5.75	\$80.00
GGT225	Serendipity Sparkle Pop White	\$6.82	\$94.88
GGT227	Fade to Serendipity	\$7.18	\$100.00

GOLDEN GATE LINE TUBING			
PRODUCT #	COLOR	OUNCE	1 POUND
GGT228	Fade to Experimental Green WTF	\$7.18	\$100.00
GGT232	4 Lines of Illuminati - Black/Grey/White	\$8.26	\$114.88
GGT233	4 Lines of Illuminati - Black/Green/White	\$8.26	\$114.88
GGT234	Blue-V and Lucy	\$8.62	\$120.00
GGT254	Skittle	\$6.00	\$80.00
GGT255	Flash	\$6.00	\$80.00
GGT256	Browns	\$6.00	\$80.00
GGT257	2can	\$6.00	\$80.00
GGT258	Illuminati House Fire	\$7.32	\$97.60
GGT259	Illuminati White Peacock	\$7.32	\$97.60
GGT265	Jailhouse Earth	\$6.37	\$84.96
GGT267	Fire Earth	\$6.37	\$84.96
GGT268	Jailhouse Fire	\$6.37	\$84.96
GGT269	Fade to Mother Earth	\$6.00	\$80.00
GGT270	Steel Kitty	\$6.37	\$84.96
GGT272	Taste the Rainbow	\$6.00	\$80.00
GGT273	Strange Kitty w/ Slyme	\$6.37	\$80.00
GGT276	Miami D	\$6.00	\$80.00
GGT277	Beavers	\$6.37	\$84.96
GGT282	Exp. Green & Pink Slyme	\$6.37	\$84.96
GGT285	Black White Rainbow	\$6.00	\$80.00
GGT286	Fire/Air/Water/Earth	\$6.37	\$84.96
GGT287	Pastel Swamp	\$6.00	\$80.00
GGT289	Fruit Loop	\$6.00	\$80.00
GGT290	Closer to the Sun	\$6.00	\$80.00
GGT292	Orange Chello - Med Wall	\$7.32	\$97.60
GGT293	Aqua, Red Elvis, Poppy	\$6.00	\$80.00
GGT294	Blue Spruce 3/4 - 1/4 Cherry w/ Grey/White	\$6.00	\$80.00
GGT295	3/4 Green Lep - 1/4 Timber/ Slyme/Forest	\$6.00	\$80.00
GGT296	Red Elvis-Blue-Carmel- Poppy-Yellow-Dipity	\$6.00	\$80.00
GGT300	Red Chello - Med Wall	\$7.32	\$97.60
GGT303	White Chello - Med Wall	\$7.32	\$97.60
GGT304	Black Chello - Med Wall	\$7.32	\$97.60
GGT305	Tequila Sunrise	\$6.00	\$80.00
GGT307	Orange, White, Aqua Blue & Spruce	\$6.00	\$80.00

GO	LDEN GATE LINE	TUBII	NG
PRODUCT #	COLOR	OUNCE	1 POUND
GGT308	Lucy Magenta	\$13.50	\$180.00
GGT309	Quad Roswell w/ X2 Emerald Dichro	\$13.50	\$180.00
GGT310	Roswell w/ Emerald Green Dichro	\$13.50	\$180.00
GGT311	Peacock Chaos Dichro X2	\$13.50	\$180.00
GGT312	FruitStriped w/ X2 Magenta	\$13.50	\$180.00
GGT313	Nova Gold X2 -UV	\$13.50	\$180.00
GGT314	White w/2 Lines of Lucy - Magenta - UV	\$13.50	\$180.00
GGT315	Copper Gold X2	\$13.50	\$180.00
GGT316	Emerald Green on Clear	\$11.25	\$149.92
GGT317	Blue Yellow X2 on Clear	\$11.25	\$149.92
GGT318	Solid Magenta X2	\$13.50	\$180.00
GGT319	KAYOS	\$11.25	\$149.92
GGT322	Rainbow Fade 50/50w/X2 Gold	\$13.50	\$180.00
GGT323	Canary Yellow w/ X2 Dichro	\$13.50	\$180.00
GGT324	Mystic w/ X2 Magenta	\$13.50	\$180.00
GGT325	Poppy/Wht/Grey/ Canary w/ X2 Red	\$13.50	\$180.00
GGT326	Dipity w/ X2 Gold Dichro	\$13.50	\$180.00
GGT327	Full III-Uminati	\$7.50	\$100.00
GGT328	Peacock w/ ILL Marcel Stringers	\$7.50	\$100.00
GGT329	Bird Bitch - UV	\$7.50	\$100.00
GGT330	BlueV - UV	\$7.50	\$100.00
GGT331	Edible - Lucy ILL - UV	\$7.50	\$100.00
GGT335	ILLHOUSE Rainbow - UV	\$7.50	\$100.00
GGT336	ILLHOUSE Rasta - 6 Line - UV	\$7.50	\$100.00
GGT337	Mint-Moss-Black- 6 Line ILL	\$7.50	\$100.00
GGT338	Black, Purple. White & 4 Lines Lucy (UV)	\$7.50	\$100.00

GOLDEN GATE SAMPLE PACK				
PRODUCT # DESCRIPTION PRICE				
GGTSAMPLESMALL	Small Sample Pack - A 1/4 lb pack of random Golden Gate Tubing.	\$30.00		



GERMAN

• All ground glass joints are made of Schott Duran tubing by Herbert Arnold Robotics in Germany to extremely precise tolerances.

JOINTS				
PART #	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE
			1-99	\$4.94
jog10/19M	Male 10/19 Joint	13x2.2	100-199	\$4.12
			200+	\$3.50-
			1-99	\$3.54
jog10/19F	Female 10/19 Joint	13x2.2	100-199	\$2.95
			200+	\$2.65
			1-99	\$3.58
jogDewar10/19F	Female 10/19 Dewar Joint	13x1.5	100-199	\$2.98
			200+	\$2.53
			1-99	\$2.38
jog14/23F	Female 14/23 Joint	17x1.8	100-199	\$1.98
			200+	\$1.56
	Female 14/23 Bistabil Joint	22x2.5	1-99	\$2.92
jog14/23F-B			100-199	\$2.43
			200+	\$2.19
			1-99	\$2.91
jogDewar14/23F	Female 14/23 Dewar Joint	17x1.8	100-199	\$2.61
,	,		200+	\$2.30
			1-99	\$2.38
jog14/23M	Male 14/23 Joint	13x1.5	100-199	\$1.98
			200+	\$1.51
			1-99	\$2.79
jog14/23M-B	Male 14/23 Joint	13x2.2	100-199	\$2.29
			200+	\$1.79
			1-99	\$3.17
jog14/23M-U	Male 14/23 Bistabil Joint	16x2.5	100-199	\$2.79
1.0 /			200+	\$2.33

JOINTS					
PART#	DESCRIPTION	TUBING Size	QUANTITY	PRICE	
			1-99	\$2.38	
jogdrip14/23M	Male 14/23 Joint Drop Tip	13x1.5	100-199	\$1.98	
			200+	\$1.78	
			1-99	\$2.38	
jog19/26F	Female 19/26 Joint	22x1.8	100-199	\$1.98	
			200+	\$1.56	
			1-99	\$2.91	
jog19/26F-B	Female 19/26 Joint Bistabil	26x2.8	100-199	\$2.43	
			200+	\$2.19	
jog19/26F-U	Female 19/26 Joint Uber	26x4.0	1-99	\$4.44	
			100-199	\$3.70	
			200+	\$3.33	
		26x2.8	1-99	\$2.91	
jogDewar19/26F	Female 19/26 Dewar Joint		100-199	\$2.43	
			200+	\$2.30	
			1-99	\$2.47	
jog19/26M	Male 19/26 Joint	17x1.8	100-199	\$2.06	
			200+	\$1.65	
			1-99	\$2.74	
jog19/26M-B	Male 19/26 Joint	16x2.5	100-199	\$2.28	
			200+	\$1.83	
		17x1.8	1-99	\$2.74	
jogdrip19/26	Male 19/26 Joint Drip Tip		100-199	\$2.28	
			200+	\$2.05	





ACCUGRIND

AccuGrind[™] are precise tolerance quality glass ground joints at a great price. Mountain Glass Arts has
obtained US distribution on these new ground glass joints. AccuGrind[™] is a quality brand that is a perfect fit
for artists that want higher quality than Chinese but do not want to pay the higher price for German joints.

	JOINTS			
PART #	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE
Jou7/10F	Female 7/10 Joint	10x1.5	1-99	\$1.75
J007/ TUF	remule // TO John	10x1.5	100+	\$1.25
Jou7/10M	Male 7/10 Joint	6x1.4	1-99	\$1.75
1007 / TOM	Mule // TO John	0.11.4	100+	\$1.25
Jou7/10M-Stopper	Male Hollow Stopper		1-99	\$1.75
Joury Tom Stopper	7/10 Joint		100+	\$1.25
			1-49	\$1.75
Jou10/10F	Female 10/10 Joint	14x1.5	50-99	\$1.50
			100+	\$1.25
			1-49	\$1.75
Jou10/10M	Male 10/10 Joint	8x1.5	50-99	\$1.50
			100+	\$1.25
			1-99	\$2.40
Jou10/19F	Female 10/19 Joint	14x1.5	100-199	\$2.05
			200+	\$1.70
Jou10/19F-	Black Lip Female 10/19 Joint	14x1.5	1-99	\$2.25
BLÁCK	black Lip Tellidie Toy 17 Joilli	1471.5	100+	\$2.00
Jou10/19F-	Brilliant Blue Lip	14x1.5	1-99	\$2.25
BRBLUE	Female 10/19 Joint	14/1.5	100+	\$2.00
Jou10/19F-	Emerald Green Lip	14x1.5	1-99	\$2.25
EMGŔEEN	Female 10/19 Joint	14/1.5	100+	\$2.00
Jou10/19F-	Lime Juice Lip	14x1.5	1-99	\$2.25
LIMEĴUICE	Female 10/19 Joint	14/1.5	100+	\$2.00
Jou10/19F-	Lake Green Lip	14x1.5	1-99	\$2.25
LKGŔEEN	Female 10/19 Joint	11/11.5	100+	\$2.00
Jou10/19F-	Light Blue Lip	14x1.5	1-99	\$2.25
LTBLUE	Female 10/19 Joint	11/11.5	100+	\$2.00
Jou10/19F-PURPLE	Purple Amethyst Lip	14x1.5	1-99	\$2.25
30010/ 1711011122	Female 10/19 Joint	1 1/11.5	100+	\$2.00
Jou10/19F-WHITE	Striking Opaque White Lip	14x1.5	1-99	\$2.25
30010/ 171 Willie	Female 10/19 Joint	11/11.5	100+	\$2.00
			1-99	\$2.00
Jou10/19M	Male 10/19 Joint	8x1.5	100-199	\$1.75
			200+	\$1.45
			1-99	\$2.90
Joudewar10/19F	Female 10/19 Dewar Joint	16x1.5	100-199	\$2.50
			200+	\$2.05
JouDewar10/19F-B	Female 10/19 Bistabil Dewar Joint	8x1.5	1-99	\$3.50
33350Hull 10/ 171 D	Bistabil Dewar Joint	0.1.5	100+	\$2.90
			1-99	\$2.50
Joudrip10/19	Male 10/19 Joint Drip Tip	8x1.5	100-199	\$2.15
			200+	\$1.80
	Famala 10 /10	14x1.5	1-99	\$3.75
JouDG10/19F75	Female 10/19 Double Grind Joint		100-199	\$3.25
			200+	\$2.70

JOINTS						
PART #	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE		
1 0010 /101150	Male 10/19		1-99	\$3.50		
JouDG10/19M50	Double Grind Joint	8x1.5	100+	\$2.90		
L14 /10F	C d. 14/10 L.int	10.10	1-99	\$1.75		
Jou14/10F	Female 14/10 Joint	18x1.8	100+	\$1.50		
In14 /10M	Mala 14 /10 laint	121 5	1-99	\$1.75		
Jou14/10M	Male 14/10 Joint	12x1.5	100+	\$1.50		
			1-99	\$1.75		
Jou14/23F	Female 14/23 Joint	18x1.8	100-199	\$1.50		
			200+	\$1.25		
			1-99	\$2.20		
Jou14/23F-B	Female 14/23 Bistabil Joint	19x2.8	100-199	\$2.00		
			200+	\$1.70		
			1-99	\$2.88		
Joudewar14/23F	Female 14/23 Dewar Joint	18x1.8	100-199	\$2.49		
			200+	\$2.07		
	Fl. 14 /00		1-99	\$3.40		
Joudewar14/23F-B	Female 14/23 Bistabil Dewar Joint	19x2.5	100-199	\$2.90		
			200+	\$2.45		
Jou14/23F-U	Female 14/23 Uber Joint	25x7	1-99	\$3.60		
30014/2010	Tellidic 14/ 20 obel Jolili	23//	100+	\$2.90		
Jou14/23F- BLACK	Unground Black Lip Female	18x1.8	1-99	\$2.50		
BLACK	14/23 Joint	10.11.0	100+	\$2.25		
Jou14/23F-	Unground Brilliant Blue Lip	18x1.8	1-99	\$2.50		
BRBLUE	Female 14/23 Joint	10/1.0	100+	\$2.25		
Jou14/23F-	Unground Emerald Green Lip	18x1.8	1-99	\$2.50		
EMGŔEEN	Female 14/23 Joint	10/1.0	100+	\$2.25		
Jou14/23F-	Unground Lime Juice Lip	18x1.8	1-99	\$2.50		
LIMEĴUICE	Female 14/23 Joint	10/110	100+	\$2.25		
Jou14/23F-	Unground Lake Green Lip	18x1.8	1-99	\$2.50		
LKGŘEEN	Female 14/23 Joint	10/11/0	100+	\$2.25		
Jou14/23F-	Unground Light Blue Lip	18x1.8	1-99	\$2.50		
LTBLUE	Female 14/23 Joint		100+	\$2.25		
Jou14/23F-	Unground Purple Amethyst Lip	18x1.8	1-99	\$2.50		
PURPLE	Female 14/23 Joint		100+	\$2.25		
			1-99	\$1.75		
Jou14/23M	Male 14/23 Joint	12x1.5	100-199	\$1.50		
			200+	\$1.25		
	Male 14/23		1-99	\$2.25		
Jou14/23M-B	Bistabil Joint 125mm	12x2.5	100-199	\$1.95		
			200+	\$1.60		
	Male 14/23 Double Grind		1-99	\$2.90		
JouDG14/23M50	Joint - 50mm gap	12x1.5	100-199	\$2.50		
			200+	\$2.05		

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	JOINTS			
PART #	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE
			1-99	\$3.15
JouDG14/23M10	Male 14/19 Double Grind Joint - 10mm Gap	12x1.5	100-199	\$2.70
	John Tomin oup		200+	\$2.25
	5 34 (00 0 11 0 1		1-99	\$2.90
JouDG14/23F75	Female 14/23 Double Grind Joint - 75mm Gap	18x1.8	100-199	\$2.50
	John 7 Jinn Oup		200+	\$2.05
			1-99	\$3.50
JouDG 14/23M-B50	Male 14/23 Bistabil Double Grind Joint - 50mm gap	12x2.2	100-199	\$3.05
14/ 23/11 030			200+	\$2.50
	Joudrip14/23M Male 14/23 Joint Drip Tip	12x1.5	1-99	\$2.00
Joudrip14/23M			100-199	\$1.73
			200+	\$1.44
		22x1.8	1-99	\$1.85
Jou19/26F	Female 19/26 Joint		100-199	\$1.60
	,		200+	\$1.35
			1-99	\$2.75
Jou19/26F-B	Female 19/26 Bistabil Joint 2.8mm Wall	26x2.8	100-199	\$2.40
	John Z.Onin wun		200+	\$2.00
	5 1 20 (0 / 11)		1-99	\$3.15
Jou19/26F-U	Female 19/26 Uber Joint 4.0mm Wall	26x4.0	100-149	\$2.70
	John T.Ohin Wull		150+	\$2.25
I10 /2/F VII	Female 19/26	2740	1-99	\$4.90
Jou19/26F-XU	Extra Uber Joint	26x4.0	100+	\$4.50

JOINTS					
PART #	DESCRIPTION	TUBING Size	QUANTITY	PRICE	
			1-99	\$3.13	
Joudewar19/26F	Female 19/26 Dewar Joint	22x1.8	100-149	\$2.70	
			150+	\$2.25	
			1-99	\$1.85	
Jou19/26M	Male 19/26 Joint	16x1.8	100-299	\$1.60	
			300+	\$1.35	
			1-99	\$2.50	
Jou19/26M-B	Male 19/26 Bistabil Joint	16x2.5	100-299	\$2.15	
			300+	\$1.80	
	Male 19/26 Double Grind Joint - 50mm gap		1-99	\$3.15	
JouDG19/26M50		16x1.8	100-399	\$2.70	
			400+	\$2.25	
			1-99	\$3.40	
JouDG19/26M10	Male 19/26 Double Grind Joint - 10mm gap	16x1.8	100-399	\$2.90	
			400+	\$2.45	
			1-99	\$4.00	
JouDG 19/26M-B50	Male 19/26 Bistabil Double Grind Joint - 50mm gap	16x2.5	100-399	\$3.45	
17/2011-030	Doonie olilia jolili - Jolilili gup		400+	\$2.90	
			1-99	\$3.15	
JouDG19/26F75	Female 19/26 Double Grind Joint	22x1.8	100-399	\$2.70	
,	חוווער חווווח אוווח		400+	\$2.25	
			1-99	\$2.15	
Joudrip19/26M	Male 19/26 Joint Drip Tip	16x1.8	100-299	\$1.85	
	, , , , , , , , , , , , , , , , , , , ,		300+	\$1.55	

• High quality, low-cost glass unground joints with medium wall thickness.

UNGROUND GLASS GROUND JOINTS									
IMAGE	PART#	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE				
	1 10 /104	Male	8x1.5	1-99	\$1.90				
	Jon10/19M	10/19 Joint	0.11.3	100+	\$1.35				
	Jon10/19F Female 10/19 Joint		14-15	1-99	\$2.30				
		14x1.5	100+	\$1.60					
	1 14 (004)	114 /0044	Male 14 (02)				10.1.5	1-99	\$1.65
	Jon14/23M	14/23 Joint	12x1.5	100+	\$1.15				

UNGROUND GLASS GROUND JOINTS						
IMAGE	PART#	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE	
	Female 1000		18x1.8	1-99	\$1.65	
	Jon14/23F 14/23 Joint	100+		\$1.15		
411	Male 10 /2/ M		16x1.8	1-99	\$1.75	
	Jon19/26M	19/26 Joint		100+	\$1.25	
-3/1//	Female 10./2/	22,10	1-99	\$1.75		
	Jon19/26F	19/26 Joint	22x1.8	100+	\$1.25	



ACCUGRIND

LOW PROFILE BUSHING ADAPTERS & TRANSITIONS						
PART#	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE		
			1-49	\$3.75		
JouLowPro10/14	Low Profile Bushing Adaptor	10F to 14M	50-99	\$3.25		
		1 1771	100+	\$2.70		
			1-49	\$3.50		
JouLowPro14/19	Low Profile Bushing Adaptor - Drop Stem	14F to 19M	50-99	\$3.00		
	Diop Sielli	17/11	100+	\$2.50		
	Unground Low Profile Bushing Adaptor		1-49	\$3.50		
JonLowPro10/14		10F to 14M	50-99	\$3.00		
			100+	\$2.50		
	Unground Short Low Profile Bushing Adaptor - 10F to 14M	10F to 14M	1-49	\$3.75		
JonLowPro10/14- SHORTY			50-99	\$3.25		
SHOKIT			100+	\$2.70		
		19/26	1-49	\$3.25		
JonLowPro14/19	Unground Low Profile Bushing Adaptor	M to	50-99	\$2.75		
	Dosning Adaptor	14/23 F	100+	\$2.25		
			1-49	\$5.00		
JouLowPro19/29	Low Profile Bushing Adaptor	19F to 29M	50-99	\$4.00		
		2/111	100+	\$3.50		
Joutransition	Transition 14 /14 or 5" Lorenth		1-99	\$5.00		
14/14x5 Iransifi	Transition 14/14 x 5" Length		100+	\$3.60		
Joutransition	Transition 10 /10 v E" I anath		1-99	\$5.00		
19/19x5	Transition 19/19 x 5" Length		100+	\$3.60		

THREADED GLASS VIAL						
IMAGE	PART#	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE	
	lot14	Threaded Glass Vial with	14	1-99	\$2.75	
	J0114	Cap - Size 14 (100)	14	100+	\$1.80	
	lot18	Threaded Glass Vial with	18	1-99	\$3.50	
6	J0110	Cap - Size 18 (100)	10	100+	\$2.40	
- Pam	Jot25	Threaded Glass Vial with Cap - Size 25 (100)	25	1-99	\$4.40	
77 11 277 12 11	30123		23	100+	\$3.60	
7.59(3)(3)	Jot32	Threaded Glass Vial with	32	1-99	\$5.25	
200000000000000000000000000000000000000	Cap - Size 32 (100	Cap - Size 32 (100)		100+	\$4.25	
	lot45	Int/15 Threaded Glass Vial with	45	1-99	\$5.80	
	JU143	Cap - Size 45 (100)	43	100+	\$4.90	
80	Jot14DR	Threaded Glass Vial with DROPPER -	14	1-99	\$3.95	
100	אטדווטג	Size 14 (100)		100+	\$2.75	
8.	Jot18-	Threaded Glass Vial	18	1-99	\$3.00	
	10/19F	10/19F with Cap - Size 18 (100)	10	100+	\$2.25	

• Quartz glass is not compatible with borosilicate glass.

QUARTZ GLASS GROUND JOINTS						
IMAGE	PART #	DESCRIPTION	TUBING SIZE	QUANTITY	PRICE	
	Joq10/19F	Female 10/19	20x1.7	1-9	\$16.95	
	10/10/171	Joint	2011.7	10+	\$12.95	
	Joq10/19M	Male 10/19 Joint	20x1.6	1-9	\$16.95	
	J0410/17M		20/1.0	10+	\$12.95	
	Joq14/23F	Female 14/23 Joint	22x2.2	1-9	\$17.95	
				10+	\$13.95	
	1 14 (004	Male14/23	22x1.8	1-9	\$17.95	
	Joq14/23M	Joint		10+	\$13.95	

CHINESE

CLEAR JOINTS						
PART #	DESCRIPTION	QUANTITY	PRICE			
:a:10 /10M	Mala 10 /10 Jaint	1 - 99	\$1.25			
joi10/19M	Male 10/19 Joint	100+	\$1.00			
In:10 /10E	Famala 10 /10 laint	1 - 99	\$1.25			
Joi10/19F	F Female 10/19 Joint	100+	\$1.00			
:-:14 /2044	Male 14/20 Joint	1 - 99	\$1.25			
joi14/20M		100+	\$1.00			
:-:14 /205	Farrada 14 /20 Jaint	1 - 99	\$1.25			
joi14/20F	Female 14/20 Joint	100+	\$1.00			
:::10 /0044	M.J. 10 /20 J.:	1 - 99	\$1.25			
joi19/22M	Male 19/22 Joint	100+	\$1.00			
:-:10 /225	Female 19/22 Joint	1 - 99	\$1.25			
joi19/22F		100+	\$1.00			

	COLORED JOINTS		
PART#	DESCRIPTION	QUANTITY	PRICE
io:AA1.4 /20E	Female 14/20 Joint Amber	1 - 99	\$1.75
joiAA14/20F	Female 14/20 Joint - Amber	100+	\$1.50
joiAA14/20M	Male 14/20 Joint - Amber	1 - 99	\$1.75
JUIAAT4/ ZUM	Mule 14/ 20 John - Amber	100+	\$1.50
joiAA19/22F	Female 19/22 Joint - Amber	1 - 99	\$1.75
UIAA 1 7 / 221	Tendle 17/ 22 John - Ambei	100+	\$1.50
joiAA19/22M	Male 19/22 Joint - Amber	1 - 99	\$1.75
JUIAN 17/ ZZIN	Mule 17/ 22 John Amber	100+	\$1.50
JoiBB10/19F	Female 10/19 Joint - Cobalt	1 - 99	\$2.25
3010010/171	Terriale 10/ 17 John - Cobair	100+	\$1.75
JoiBB10/19M	Male 10/19 Joint - Cobalt	1 - 99	\$2.50
Join Toy 17M	Mule 10/ 17 John - Cobuit	100+	\$2.00
JoiEG10/19F	Female 10/19 Joint - Emerald Green	1 - 99	\$2.25
JOILOTO/ 171	Tollido Toy 17 John Emorala ordan	100+	\$1.75
JoiEG10/19M	Male 10/19 Joint - Emerald Green	1 - 99	\$1.75
JUILUTU/ 17M	Male 10/ 17 John - Emerala oreen	100+	\$1.25
JoiJW10/19F	Female 10/19 Joint - Jade White	1 - 99	\$2.25
30131110/171	Territie 10/ 17 John State White	100+	\$1.75
JoiJW10/19M	Male 10/19 Joint - Jade White	1 - 99	\$2.50
3013W 10/ 17/W	Male 10/17 John Jade Wille	100+	\$2.00
JoiLB10/19F	Female 10/19 Joint - Light Blue	1 - 99	\$2.50
JOILD TO/ 171	Territale 10/ 17 John Light bloc	100+	\$2.00
JoiLB10/19M	Male 10/19 Joint - Light Blue	1 - 99	\$2.50
JOILD TO/ T/M	Mule 10/17 John Light bloc	100+	\$2.00
JoiLB14/20F	Female 14/20 Joint - Light Blue	1 - 99	\$1.75
JOILD 1 47 ZOI	Territale 14/ 20 John Light bloc	100+	\$1.50
JoiLB14/20M	Male 14/20 Joint - Light Blue	1 - 99	\$1.75
JUILD I T/ ZUM	mulo 17/ 20 Julii Ligili Diuc	100+	\$1.50
JoiLB19/22F	Female 19/22 Joint - Light Blue	1 - 99	\$1.75
JUILD I 7/ ZZI	Totalide 17/ 22 Julia - Light blue	100+	\$1.50
JoiLB19/22M	loiLB19/22M Male 19/22 Joint - Light Blue		\$1.75
JUILD I 7/ ZZIVI	Mule 17/22 John - Light blue	100+	\$1.50

COLORED JOINTS			
PART#	DESCRIPTION	QUANTITY	PRICE
joiBB14/20F	Female 14/20 Joint - Cobalt	1 - 99	\$1.75
		100+	\$1.50
joiBB14/20M	Male 14/20 Joint - Cobalt	1 - 99	\$1.75
		100+	\$1.50
joiBB19/22F	Female 19/22 Joint - Cobalt	1 - 99	\$1.75
		100+	\$1.50
joiBB19/22M	Male 19/22 Joint - Cobalt	1 - 99	\$1.75
		100+	\$1.50
joiBK10/18F	Female 10/18 Joint - Black	1 - 99	\$2.95
		100+	\$2.50
joiBK10/18M	Male 10/18 Joint - 100mm - Black	1 - 99	\$2.95
		100+	\$2.50
joiBK14/20F	Female 14/20 Joint - Black	1 - 99	\$2.25
		100+	\$2.00
joiBK14/20M	Male 14/20 Joint - Black	1 - 99	\$2.25
		100+	\$2.00
joiBK19/22F	Female 19/22 Joint - Black	1 - 99	\$2.25
		100+	\$2.00
joiBK19/22M	Male 19/22 Joint - Black	1 - 99	\$2.25
,	,	100+	\$2.00
joiEG14/20F joiEG14/20M	Female 14/20 Joint - Emerald Green Male 14/20 Joint - Emerald Green	1 - 99	\$1.75
		100+	\$1.50
		1-99	\$1.75 \$1.50
joiEG19/22F	Female 19/22 Joint - Emerald Green	100+ 1 - 99	\$1.75
		100+	\$1.73
joiEG19/22M	Male 19/22 Joint - Emerald Green	1 - 99	\$1.75
		100+	\$1.50
joiJW14/20F	Female 14/20 Joint - Jade White	1 - 99	\$1.75
		100+	\$1.50
joiJW14/20M	Male 14/20 Joint - Jade White	1 - 99	\$1.75
		100+	\$1.50
joiJW19/22F	Female 19/22 Joint - Jade White	1 - 99	\$1.75
		100+	\$1.50
joiJW19/22M	Male 19/22 Joint - Jade White	1 - 99	\$1.75
		100+	\$1.50
JoiLG10/19F	Female 10/19 Joint - Lake Green	1 - 99	\$2.25
		100+	\$1.75
JoiLG10/19M	Male 10/19 Joint - Lake Green	1 - 99	\$2.50
		100+	\$2.00
JoiLT14/20F	Female 14/20 Joint - Light Topaz	1 - 99	\$2.25
		100+	\$2.00
JoiLT14/20M JoiLJ14/20F	Male 14/20 Joint - Light Topaz Female 14/20 Joint - Lime Juice	1 - 99	\$2.25
		100+	\$2.00
		1-99	\$6.00
		100+	\$5.00

GLASS GROUND JOINTS/KECK CLIPS/GROMMETS AND O-RINGS



CHINESE

COLORED JOINTS						
PART#	PART # DESCRIPTION QUA					
JoiLJ14/20M	Male 14/20 Joint - Lime Juice	1 - 99	\$6.00			
JOILJ 14/ ZUM	Mule 14/20 John - Line Juice	100+	\$5.00			
I=:MC14 /20M	Mala 14 /20 Jaint Millor Crans	1 - 99	\$6.00			
JoiMG14/20M	Male 14/20 Joint - Milky Green	100+	\$5.00			
L=:MD1 4 /20F	Formula 14 /20 Initiate Million Diale	1 - 99	\$6.00			
JoiMP14/20F	Female 14/20 Joint - Milky Pink	100+	\$5.00			
L=:MD1.4 /20M	Mala 14 /20 Jaint Millor Dinly	1 - 99	\$6.00			
JoiMP14/20M	Male 14/20 Joint - Milky Pink	100+	\$5.00			
I=:MV1.4 /20F	Famala 14/20 Jaint Millo Violat	1 - 99	\$6.00			
JoiMV14/20F	Female 14/20 Joint - Milky Violet	100+	\$5.00			
L=:MV1.4 /20M	Mala 14/20 laint Millo Violat	1 - 99	\$6.00			
JoiMV14/20M	Male 14/20 Joint - Milky Violet	100+	\$5.00			
:-:\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	M-I- 14 /20 I-i-t 0 141 '	1 - 99	\$2.25			
joiWH14/20M	Male 14/20 Joint - Opaque White	100+	\$2.00			

COLORED JOINTS					
PART#	DESCRIPTION	QUANTITY	PRICE		
:o:WH14 /20E	Famala 14 /20 Joint Ongque White	1 - 99	\$2.25		
joiWH14/20F	Female 14/20 Joint - Opaque White	100+	\$2.00		
:-:\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Mala 10 /22 laint Onnous White	1 - 99	\$2.25		
joiWH19/22M	Male 19/22 Joint - Opaque White	100+	\$2.00		
Io:VI 10 /10E	Female 10/19 Joint - Yellow	1 - 99	\$1.75		
JoiYL10/19F		100+	\$1.25		
JoiYL10/19M	Male 10/19 Joint - Yellow	1 - 99	\$2.50		
JUITLIU/ 17/M	Male 10/17 John - Tellow	100+	\$2.00		
ioiDVI ourDro 1.4./1.0	Black Low Profile Bushing Adaptor - 14F to 19M	1 - 99	\$4.25		
joiBKLowPro14/19	14F to 19M .	100+	\$4.00		
in iDDI au Dro 1 // /10	Phys. Levy Profile Pushing Adaptor 145 to 1044	1 - 99	\$4.00		
joiBBLowPro14/19	Blue Low Profile Bushing Adaptor - 14F to 19M	100+	\$3.75		

KECK CLIPS

KECK CLIPS						
IMAGE PART# DESCRIPTION QUANTITY PRICE						
			1-99	\$2.00		
	Jokma10	10mm Metal AccuGrind™ Keck Clip	100-499	\$1.75		
20		Accooning Rock Clip	500+	\$1.50		
			1-99	\$2.00		
9	Jokma14	14mm Metal AccuGrind™ Keck Clip	100-499	\$1.75 \$1.50		
			500+	\$1.50		
			1-99	\$2.00		
	Jokma19	19mm Metal AccuGrind™ Keck Clip	100-499	\$1.75		
		Account Nock Clip	500+	\$1.50		

KECK CLIPS					
IMAGE	PART#	DESCRIPTION	QUANTITY	PRICE	
		30 W L db	1-99	\$1.00	
	Joku10	10mm Keck Clip Black Plastic	100-499	\$0.75	
-6.		Diuck I lustic	500+	\$0.55	
			1-99	\$1.00	
1	1.114	14mm Keck Clip 100-199	\$0.75		
and the	Joku14	Black		\$0.65	
4.0			500+	\$0.55	
E S			1-99	\$1.00	
	Ial10	19mm Keck Clip	100-199	\$0.75	
	Joku19	Black	200-499	\$0.65	
			500+	\$0.55	

GROMMETS AND O-RINGS

O-RINGS					
IMAGE	PART#	DESCRIPTION	QUANTITY	PRICE	
00	RG109	Medium Fat	1 - 99	\$0.10	
	KUTU7 Mediuili Fui	100+	\$0.08		
	DC110	Largo Eat	1 - 99	\$0.10	
	RG110	Large Fat	100+	\$0.08	

GROMMETS					
IMAGE	PART#	DESCRIPTION	QUANTITY	PRICE	
	DC10E	10mm Flat	1 - 99	\$0.24	
_	RG10F	10mm Flat	100+	\$0.20	
	RG12D 12mm Donut	1 - 99	\$0.24		
		I ZITIITI DONUI	100+	\$0.20	

GROMMETS					
IMAGE	PART#	DESCRIPTION	QUANTITY	PRICE	
	RG10S	10mm Clin In	1 - 99	\$0.30	
	KUTUS	10mm Slip-In	100+	\$0.25	
	RG12S 12mm Slip-In	1 - 99	\$0.58		
		100+	\$0.44		
88	RG12T	12mm Thick	1 - 99	\$0.28	
	RG121 12mm I	1 ZIIIIII IIIICK	100+	\$0.22	
-	RG12F 12mm Flat	1 - 99	\$0.30		
		100+	\$0.25		
6	RG14-	14-16mm	1 - 99	\$0.98	
	16mm 14-16n	14-1011111	100+	\$0.73	

BOROSILICATE COLOR ROD AND FRIT (33 C.O.E.) DEFINITIONS OF COLOR GRADES

- Firsts The finest quality grade for borosilicate color. All color in this catalog is first quality.
- **Odds** The 2nd quality grade for borosilicate color. An "Odd" is an unusually out of round color rod or one that is thicker or thinner than usual. The color is usually true to a first but may vary somewhat.
- **Seconds** The 3rd and lowest grade for boro color. A "Second" is a rod that may be very out of round or much thicker or thinner than usual. The color can vary greatly (but usually does not) from a first and striking properties may be affected. They may also have stones or air present.
- See our current inventory of Low Priced Northstar Odds & Seconds at MountainGlass.com

MADE IN THE USA

NORTHSTAR

- If you order combined quantities (mix and match Northstar/Glass Alchemy/Momka/Trautman/ Origin/Parramore) — DOES NOT INCLUDE ODDS OR SECONDS — of at least 5 pounds in minimum of quarter pound increments you will receive additional price discounts. They are as follows: 5-9 lbs = 20% discount — 10-24 lbs = 25% discount — 25+ lbs = 30% discount
- This cannot be combined with other discounts.
- Color rods are generally 20 inches in length and generally weigh 1.0 1.7 ozs

ROD FIRSTS				
PRODUCT #	COLOR	OUNCE	1 POUND	
NS001	Cobalt Blue	\$3.01	\$41.92	
NS003	Multi	\$4.16	\$57.92	
NS004	Dark Multi	\$4.16	\$57.92	
NS005	Orange	\$5.02	\$69.92	
NS006	Dark Orange	\$4.45	\$61.92	
NS007	Ruby	\$4.45	\$61.92	
NS007L	Light Ruby	\$3.94	\$54.88	
NS008	Dark Ruby	\$4.45	\$61.92	
NS009	Yellow	\$3.94	\$54.88	
NS011	Jade	\$4.67	\$64.96	
NS013	Amber Purple	\$4.45	\$61.92	
NS014	Irrid	\$3.94	\$54.88	
NS015	Turquesa	\$3.94	\$54.88	
NS019	Light Blue Cobalt	\$3.01	\$41.92	
NS020	Dark Cobalt	\$3.01	\$41.92	
NS023	Pink	\$5.38	\$74.88	
NS024	Transparent Green	\$6.10	\$84.96	
NS025	Peach	\$8.25	\$114.88	
NS026	Double Amber Purple	\$4.45	\$61.92	
NS027	Green Exotic	\$5.02	\$69.92	
NS028	Blue Exotic	\$5.75	\$80.00	
NS029	Red Exotic	\$5.02	\$69.92	
NS031	Lavender	\$5.38	\$74.88	
NS032	Violet	\$5.38	\$74.88	
NS033	Turbo Cobalt	\$3.01	\$41.92	
NS034	Extra Light Yellow	\$3.58	\$49.92	
NS037	Rootbeer	\$4.66	\$64.96	

ROD FIRSTS				
PRODUCT #	COLOR	OUNCE	1 POUND	
NS038	Intense Blue Green	\$3.94	\$54.88	
NS041	Butterscotch	\$4.45	\$61.92	
NS043	Rust	\$4.31	\$60.00	
NS044	Caramel	\$4.66	\$64.96	
NS045	Blue Moon	\$4.16	\$57.92	
NS047	Aurora	\$5.02	\$69.92	
NS048	Light Blue Amber Purple	\$4.31	\$60.00	
NS049	Dark Blue Amber Purple	\$4.45	\$61.92	
NS053	Forest Green	\$4.66	\$64.96	
NS054	Star White	\$3.94	\$54.88	
NS055	Periwinkle	\$4.16	\$57.92	
NS057	Midnight	\$4.66	\$64.96	
NS058	Mint	\$4.31	\$60.00	
NS062	Bubblegum	\$5.75	\$80.00	
NS063	Canary	\$4.66	\$64.96	
NS064	Lava	\$4.66	\$64.96	
NS065	Cherry	\$4.66	\$64.96	
NS066	Sublime	\$5.38	\$74.88	
NS069	Green Amber Purple	\$5.38	\$74.88	
NS070	Ice Blue	\$3.94	\$54.88	
NS072	Glacier Blue	\$3.94	\$54.88	
NS073	Millennium Moss	\$4.66	\$64.96	
NS075	Indigo Adventurine	\$4.31	\$60.00	
NS076	Onyx	\$3.94	\$54.88	
NS077	Deep Sea Blue	\$3.73	\$52.00	
NS078	Mystery Aventurine	\$4.45	\$61.92	
NS079	Blue Spruce	\$4.66	\$64.96	





NORTHSTAR

ROD FIRSTS				
PRODUCT #	COLOR	OUNCE	1 POUND	
NS080	Hyacinth	\$4.31	\$60.00	
NS081	Blue Caramel	\$5.38	\$74.88	
NS083	Skyline	\$4.45	\$61.92	
NS084	Goldenrod	\$4.66	\$64.96	
NS085	Рорру	\$4.66	\$64.96	
NS086	Garnet	\$4.45	\$61.92	
NS087	Dark Garnet	\$4.45	\$61.92	
NS088	Pomegranate	\$4.45	\$61.92	
NS089	Nile	\$6.46	\$89.92	
NS091	Ninja	\$4.66	\$64.96	
NS093	Plum Crazy	\$4.66	\$64.96	
NS094	Egyptian White Sand	\$4.66	\$64.96	
NS095	Oregon Gray	\$4.45	\$61.92	
NS096	Light Oregon Gray	\$4.45	\$61.92	
NS097	Evergreen	\$4.66	\$64.96	
NS098	Loch Ness	\$4.66	\$64.96	
NS100	Black Lightning	\$3.94	\$54.88	
NS101	Purple Urple	\$4.45	\$61.92	
NS102	Silver Bullet	\$3.94	\$54.88	
NS103	Berry Gumbolt	\$3.58	\$49.92	
NS104	Unobtainium	\$4.66	\$64.96	
NS105	Silver Creek	\$3.73	\$52.00	
NS106	Dark Amethyst	\$3.58	\$49.92	
NS109	Plum Kush	\$4.45	\$61.92	
NS111	Alaskan Thunder	\$4.16	\$57.92	

TUBING					
PRODUCT #	COLOR	OUNCE	1 POUND		
NST09	Yellow	\$4.66	\$64.96		
NST13	Amber Purple	\$4.66	\$64.96		
NST141	Maple Syrup	\$5.02	\$69.92		
NST45	Blue Moon	\$4.31	\$60.00		
NST54	Star White	\$4.66	\$64.96		
NST78	Mystery Aventurine	\$4.66	\$64.96		
NST88	Pomegranate	\$4.66	\$64.96		
NST106	Dark Amethyst	\$3.94	\$54.88		
NST125	Jet Black	\$3.94	\$54.88		

WONDERCANE DOUBLE-DIPPED COLOR ROD				
PRODUCT #	COLOR	OUNCE	1 POUND	
NSW01	Serendipity (Star White coated with Amber Purple)	\$5.38	\$64.96	
NSW02	Electric Blue Velvet Color Rod (Cobalt over Unobtainium)	\$5.38	\$64.96	
NSW05	Baller Tech Rod (Steel Wool coated with Amber Purple coated with Clear)	\$6.46	\$60.00	

ROD FIRSTS			
PRODUCT #	COLOR	OUNCE	1 POUND
NS113	Turbo Amethyst	\$3.73	\$52.00
NS114	Tan Silver Creek	\$3.73	\$52.00
NS115	Silver Sea Weed	\$4.45	\$61.92
NS119	Super Unobtainium	\$4.66	\$64.96
NS120	Silver Unobtainium	\$4.66	\$64.96
NS122	Blue Thunder	\$3.73	\$52.00
NS123	Crystal Bliss	\$3.58	\$49.92
NS124	Silver Amethyst	\$3.94	\$54.88
NS125	Jet Black	\$3.94	\$54.88
NS126	Opaque Aqua	\$3.58	\$49.92
NS127	Experimental Green #5	\$5.02	\$69.92
NS129	Steel Wool	\$4.45	\$61.92
NS131	English Ivy	\$4.31	\$60.00
NS132	Lokis Lipstick	\$4.45	\$61.92
NS133	Silver Aqua	\$4.66	\$64.96
NS134	Brillo	\$4.66	\$64.96
NS136	Purple Lilac	\$5.75	\$80.00
NS137	Illuminati	\$7.18	\$100.00
NS139	Lucy	\$5.03	\$69.92
NS140	Ursa	\$4.45	\$61.92
NS141	Maple Syrup	\$3.94	\$54.88
NS142	Mauvelous	\$4.45	\$61.92
NS143	Absinthe	\$5.39	\$74.88
NS144	Grizzly	\$4.66	\$64.96
NS145	Luna	\$5.75	\$80.00
NS146	Nova Yellow	\$5.75	\$80.00
NS147	Hydra	\$5.75	\$80.00
NS148	Siriusly	\$5.75	\$80.00
NS149	Gemini	\$5.75	\$80.00
NS150	Roswell	\$4.66	\$64.96
NS151	Timber	\$4.66	\$64.96
NS152	Galaxy	\$4.66	\$64.96
NS153	Nemo	\$5.03	\$69.92

WONDER TUBING				
PRODUCT #	COLOR	OUNCE	1 POUND	
NSTWT001	Serendipity (Star White coated with Amber Purple)	\$5.38	\$74.88	
NSTWT002	Electric Blue Velvet (Unobtainum coated with Cobalt)	\$5.38	\$74.88	
NSTWT006	Kandy Apple Red	\$6.46	\$89.92	
NSTWT007	Green Money (Clear over NS-127 Experimental Green #5)	\$6.46	\$89.92	
NSTWT013	Deppes Darkness	\$5.39	\$74.88	



NORTHSTAR

NORTHSTAR COLOR SAMPLE PACK			
PRODUCT#	DESCRIPTION	PRICE	
NSTOP20QUARTER	Northstar Top 20 Quarter Rod Sample Pack - The Northstar Top 20 1/4 Rod Sample Pack comes with 20 of the hottest and most popular colors in the boro palette. Each rod is approximately 5" long and weighs approximately 0.35 ounces each. Lengths and weights may vary and are approximations.	\$39.99	
NSTOP20HALF	Northstar Top 20 Half Rod Sample Pack - The Northstar Top 20 1/2 Rod Sample Pack comes with 20 of the hottest and most popular colors in the boro palette. Each rod is approximately 7.5" to 10" long and weighs approximately 0.7 ounces each. Lengths and weights may vary and are approximations.	\$74.99	
NORTHSAMPLESMALL	Northstar 6 Inch Stick Sample Pack - This sample pack is a great way to be able to try one 6 inch stick of almost every color Northstar offers at a great price! Most every color is included however if they are out of a color on the day it is packed they may remove or substitute a color at their discretion. Weighs approximately 3 lbs for \$155!	\$155.00	
NORTHSAMPLELARGE	Northstar Full Stick Sample Pack - This sample pack is a great way to be able to try one full stick of almost every color Northstar offers at a great price! Most every color is included however if they are out of a color on the day it is packed they may remove or substitute a color at their discretion.	\$450.00	

• Size descriptions: Large – Kosher Salt, Small – Raw Sugar, Fine – Hourglass Sand, Powder – Talcum. We recommend using a dust mask when using frit. If you use the smaller grades review your ventilation system and consider wearing a HEPA filter respirator.

	FRIT				
PRODUCT # P (FOR POWDER #100), F (FOR FINE #70), S (FOR SMALL #38), L (FOR LARGE #25)	COLOR	4 OUNCE POWDER	4 OUNCE FINE FRIT	4 OUNCE SMALL FRIT	4 OUNCE Large Frit
FNX00	Clear	\$5.50	\$5.50	\$6.00	\$7.50
FNX01	Cobalt Blue	\$12.50	\$11.25	\$11.25	\$11.25
FNX04	Dark Multi	\$15.00	\$15.00	\$15.00	\$15.00
FNX06	Dark Orange	\$15.00	\$13.75	\$13.75	\$13.75
FNX07	Ruby	\$16.25	\$15.00	\$15.00	\$15.00
FNX09	Yellow	\$13.75	\$13.75	\$13.75	\$13.75
FNX11	Jade	\$16.25	\$16.25	\$16.25	\$16.25
FNX13	Amber/Purple	\$16.25	\$15.00	\$15.00	\$15.00
FNX14	Irrid	\$15.00	\$15.00	\$15.00	\$15.00
FNX24	Transparent Green	\$15.00	\$13.75	\$13.75	\$13.75
FNX26	Double Amber/Purple	\$16.25	\$16.25	\$16.25	\$16.25
FNX27	Green Exotic	\$17.50	\$16.25	\$16.25	\$16.25
FNX28	Blue Exotic	\$17.50	\$16.25	\$16.25	\$16.25
FNX29	Red Exotic	\$17.50	\$16.25	\$16.25	\$16.25
FNX33	Turbo Cobalt	\$12.50	\$12.50	\$12.50	\$12.50
FNX38	Blue-Green	\$15.00	\$15.00	\$15.00	\$15.00
FNX41	Butterscotch	\$16.25	\$15.00	\$15.00	\$15.00
FNX43	Rust	\$15.00	\$15.00	\$15.00	\$15.00
FNX44	Caramel	\$17.50	\$16.25	\$16.25	\$16.25
FNX45	Blue Moon	\$16.25	\$15.00	\$15.00	\$15.00
FNX47	Aurora	\$18.75	\$17.50	\$17.50	\$17.50
FNX53	Forest Green	\$17.50	\$16.25	\$16.25	\$16.25
FNX54	Star White	\$17.50	\$16.25	\$16.25	\$16.25
FNX55	Periwinkle	\$16.25	\$15.00	\$15.00	\$15.00
FNX57	Midnight	\$17.50	\$16.25	\$16.25	\$16.25
FNX62	Bubblegum	\$18.75	\$17.50	\$17.50	\$17.50

FRIT					
PRODUCT # P (FOR POWDER #100), F (FOR FINE #70), S (FOR SMALL #38), L (FOR LARGE #25)	COLOR	4 OUNCE POWDER	4 OUNCE Fine Frit	4 OUNCE Small Frit	4 OUNCE Large Frit
FNX63	Canary	\$17.50	\$16.25	\$16.25	\$16.25
FNX64	Lava	\$17.50	\$16.25	\$16.25	\$16.25
FNX65	Cherry	\$17.50	\$16.25	\$16.25	\$16.25
FNX69	Green Amber	\$18.75	\$17.50	\$17.50	\$17.50
FNX76	Onyx	\$16.25	\$15.00	\$15.00	\$15.00
FNX77	Deep Sea Blue	\$16.25	\$15.00	\$15.00	\$15.00
FNX78	Mystery Aventurine	\$17.50	\$16.25	\$16.25	\$16.25
FNX79	Blue Spruce	\$17.50	\$16.25	\$16.25	\$16.25
FNX80	Hyacinth	\$16.25	\$15.00	\$15.00	\$15.00
FNX81	Blue Caramel	\$17.50	\$17.50	\$17.50	\$17.50
FNX83	Skyline	\$16.25	\$15.00	\$15.00	\$15.00
FNX84	Goldenrod	\$17.50	\$16.25	\$16.25	\$16.25
FNX87	Garnet Dark	\$16.25	\$15.00	\$15.00	\$15.00
FNX93	Plum Krazy	\$17.50	\$16.25	\$16.25	\$16.25
FNX94	Egyptian White Sand	\$16.25	\$15.00	\$15.00	\$15.00
FNX95	Oregon Gray	\$16.25	\$15.50	\$15.50	\$15.50
FNX97	Evergreen	\$17.50	\$16.25	\$16.25	\$16.25
FNX98	Loch Ness	\$17.50	\$16.25	\$16.25	\$16.25
FNX100	Black Lightning	\$16.25	\$15.00	\$15.00	\$15.00
FNX101	Purple Urple	\$16.25	\$15.00	\$15.00	\$15.00
FNX103	Berry Gumbolt	\$15.00	\$13.75	\$13.75	\$13.75
FNX104	Unobtainium	\$17.50	\$16.25	\$16.25	\$16.25
FNX105	Silver Creek	\$15.00	\$13.75	\$13.75	\$13.75
FNX109	Plum Kush	\$16.25	\$15.00	\$15.00	\$15.00
FNX111	Alaskan Thunder	\$15.00	\$13.75	\$13.75	\$13.75



NORTHSTAR

FRIT					
PRODUCT # P (FOR POWDER #100), F (FOR FINE #70), S (FOR SMALL #38), L (FOR LARGE #25)	COLOR	4 OUNCE POWDER	4 OUNCE Fine Frit	4 OUNCE Small Frit	4 OUNCE Large Frit
FNX113	Turbo Amethyst	\$15.00	\$13.75	\$13.75	\$13.75
FNX115	Silver Seaweed	\$16.25	\$15.00	\$15.00	\$15.00
FNX119	Super Unobtainium	\$17.50	\$16.25	\$16.25	\$16.25
FNX120	Silver Unobtainium	\$17.50	\$16.25	\$16.25	\$16.25
FNX123	Crystal Bliss	\$15.00	\$13.75	\$13.75	\$13.75

FRIT					
PRODUCT # P (FOR POWDER #100), F (FOR FINE #70), S (FOR SMALL #38), L (FOR LARGE #25)	COLOR	4 OUNCE Powder	4 OUNCE Fine Frit	4 OUNCE Small Frit	4 OUNCE Large Frit
FNX125	Jet Black	\$15.00	\$13.75	\$13.75	\$13.75
FNX126	Opaque Aqua	\$15.00	\$13.75	\$13.75	\$13.75
FNX127	Experimental Green	\$18.75	\$17.50	\$17.50	\$17.50
FNX137	Illuminati	\$25.00	\$25.00	\$25.00	\$25.00
FNX139	Lucy	\$17.50	\$17.50	\$17.50	\$17.50
FNX144	Grizzly	\$16.25	\$16.25	\$16.25	\$16.25



GLASS ALCHEMY

- If you order combined quantities (mix and match Northstar/Glass Alchemy/Momka/Trautman/Origin/Parramore) DOES NOT INCLUDE ODDS OR SECONDS of at least 5 pounds in minimum of quarter pound increments you will receive additional price discounts. They are as follows: 5-9 lbs = 20% discount 10-24 lbs = 25% discount 25+ lbs = 30% discount
- This cannot be combined with other discounts.
- \bullet Color rods are generally 20 inches in length and generally weigh 1.0 1.7 ozs

	COLORS		
PRODUCT #	COLOR	OUNCE	1 POUND
GA0104	Red Crayon - Neo-Cad	\$5.03	\$69.92
GA0132	Jasper Red - Heritage Batch	\$4.67	\$64.96
GA10000	Lime Drop - First-Gen Transparent	\$3.52	\$48.96
GA10001	Ultramarine - First-Gen Transparent	\$3.23	\$44.96
GA10002	Belladonna - First-Gen Transparent	\$3.52	\$48.96
GA10003	Quicksilver - First-Gen Transparent	\$3.23	\$44.96
GA10006	Prince - First-Gen Transparent	\$3.52	\$48.96
GA10007	Plasma - First-Gen Transparent	\$3.52	\$48.96
GA1933	Half Blood	\$5.04	\$70.08
GA1939	Dragon's Blood	\$4.66	\$64.96
GA1995	Serum - Next-Gen Transparent	\$6.61	\$92.00
GA1692	Rozay - Next-Gen Transparent	\$6.46	\$89.92
GA2090	Hot Sauce - Neo-Cad™	\$4.81	\$66.88
GA2380	Tequila Sunrise	\$4.66	\$64.96
GA2383	Persimmon Strike	\$4.66	\$64.96
GA0263	Atomic Kumquat - First-Gen Transparent	\$3.52	\$48.96
GA0287	Amazon Bronze	\$4.66	\$64.96
GA0301	Acid Yellow Crayon - Neo-Cad™	\$5.03	\$69.92
GA0304	Yellow Crayon - Neo-Cad™	\$5.03	\$69.92
GA3090	Citron - Neo-Cad™	\$4.45	\$61.92
GA0380	Singular Passion	\$4.66	\$64.96
GA0385	Silver Strike-5	\$4.66	\$64.96
GA0386	Purple Luster	\$4.66	\$64.96
GA0403	Chartreuse Crayon - Neo-Cad™	\$5.03	\$69.92
GA0406	Olive Green Crayon - Neo-Cad™	\$5.03	\$69.92

COLORS				
PRODUCT #	COLOR	OUNCE	1 POUND	
GA0441	Alchemy Mint	\$4.31	\$60.00	
GA0443	Agua Mist	\$4.31	\$60.00	
GA0445	Turquoise	\$4.31	\$60.00	
GA0446	Agua Azul	\$4.31	\$60.00	
GA4494	Shamrock	\$4.66	\$64.96	
GA4497	Tree Hugger	\$4.66	\$64.96	
GA4585	Starry Night	\$4.66	\$64.96	
GA4595	Paparazzi	\$4.66	\$64.96	
GA4598	Jackpot	\$4.66	\$64.96	
GA0461	Kryptonite - First-Gen Transparent	\$4.66	\$64.96	
GA4693	Haterade - Next-Gen Transparent	\$6.46	\$89.92	
GA4695	Crippy - Next-Gen Transparent	\$6.32	\$88.00	
GA4697	Portland Green - Next-Gen Transparent	\$7.05	\$98.08	
GA4838	Dragon's Eye	\$4.66	\$64.96	
GA0489	Aquatic Carnival	\$4.66	\$64.96	
GA0490	Tonic - Next-Gen Transparent	\$4.17	\$58.08	
GA0510	Cobalt Lite	\$3.23	\$44.96	
GA0511	Cobalt 1	\$3.23	\$44.96	
GA0514	Cobalt 4	\$3.23	\$44.96	
GA0515	Cobalt 5	\$3.23	\$44.96	
GA0516	Cobalt 6	\$3.23	\$44.96	
GA5192	Bibidibobidiblue	\$4.31	\$60.00	
GA5194	Iris	\$4.31	\$60.00	
GA5195	Lapis	\$4.31	\$60.00	
GA0544	Really Teally	\$4.68	\$65.12	



GLASS ALCHEMY

	COLORS		
PRODUCT #	COLOR	OUNCE	1 POUND
GA0546	Peacock	\$4.31	\$60.00
GA0548	Twilight	\$4.31	\$60.00
GA5486	Peacock Chameleon	\$4.66	\$64.96
GA5595	Sapphire	\$4.66	\$64.96
GA0581	Ozone - First-Gen Transparent	\$3.52	\$48.96
GA0587	Amazon Lagoon	\$4.66	\$64.96
GA0591	Blue Dream - Next-Gen Transparent	\$4.31	\$60.00
GA0592	Brilliant Blue	\$3.23	\$44.96
GA6585	Andromeda	\$4.66	\$64.96
GA0773	Grape	\$4.31	\$60.00
GA7672	Nightshade - Next-Gen Transparent	\$7.05	\$98.08
GA7692	Purple Rain - Next-Gen Transparent	\$7.18	\$100.00
GA0783	Double Passion	\$4.66	\$64.96
GA0786	Triple Passion	\$4.66	\$64.96
GA0788	Passion Extreme	\$4.66	\$64.96
GA7995	Potion - Next-Gen Transparent	\$6.61	\$92.00
GA0833	Beryl	\$4.31	\$60.00
GA8387	Amazon Canyon - Heritage Batch	\$4.81	\$66.88
GA8475	Walnut	\$4.31	\$60.00
GA8595	Tiger's Eye	\$4.66	\$64.96
GA0864	Sienna Brown	\$4.31	\$60.00
GA8672	Brozay - Next-Gen Transparent	\$7.05	\$98.08
GA0961	Smoke - First-Gen Transparent	\$3.23	\$44.96
GA0974	Black Violet	\$4.31	\$60.00
GA9749	Raven	\$4.31	\$60.00
GA0987	Amazon Night	\$4.66	\$64.96

COLORS				
PRODUCT #	COLOR	OUNCE	1 POUND	
GA9958	Disco Sparkle	\$4.31	\$60.00	
GA9977	Eclipse	\$4.31	\$60.00	
GA9992	Portland Gray	\$4.31	\$60.00	
GA9995	Sno White	\$4.66	\$64.96	
GA9997	Elixir - First-Gen Transparent	\$3.52	\$48.96	
GA9998	Aquamarine - First-Gen Transparent	\$3.23	\$44.96	
GA9999	Lemon Drop - First-Gen Transparent	\$3.52	\$48.96	
RES110	Pastel Serum - Small Batch	\$6.32	\$88.00	
RES117	Mystique - Small Batch	\$6.32	\$88.00	
RES15	OJ - Neo-Cad™	\$4.45	\$61.92	
RES16	Ketchup - Neo-Cad™	\$4.45	\$61.92	
RES235	Atlantis - Small Batch	\$6.19	\$86.08	
RES236	Glue Stick - Small Batch	\$4.92	\$68.48	
RES237	Pastel Potion - Small Batch	\$6.56	\$91.42	
RES240	Glow Stick - Small Batch	\$6.56	\$91.42	
RES242	Zen - Small Batch	\$5.03	\$69.92	
RES25	Ether - Small Batch	\$6.33	\$88.00	
RES251	Double Dose - Small Batch	\$5.75	\$80.00	
RES257	Black Pearl - Small Batch	\$4.67	\$64.96	
RES31	Banana - Neo-Cad™	\$4.45	\$61.92	
RES47	Terps - Neo-Cad™	\$6.61	\$92.00	
RES64	Antidote - Small Batch	\$6.32	\$88.00	
RES77	Electric Flamingo - Small Batch	\$6.19	\$86.08	
RES79	Blue Dreamingo Lite - Small Batch	\$6.19	\$86.08	
RES89	Dusk - Small Batch	\$4.75	\$66.08	

	GLASS ALCHEMY COLOR SAMPLE PACK			
PRODUCT #	DESCRIPTION	PRICE		
GA0013	Full Frit Pack - This pack includes 3 sizes of each of 22 different frits totaling almost 2 pounds. Grain sizes included are 25, 38 & 70 (The larger the #, the smaller the frit size). All frits are labeled - also includes literature.	\$80.00		
GA0014	Full Color Pack - 5 inch stick of all GA colors with 3 frit samples & literature. Weighs about 1.5 lbs for \$80! This sample set also includes The Alchemist Guide to Boromax Chemistry (a \$20.00 value!).	\$80.00		
GA2LBBITS	2lb Bag of Bits Rod - Here's a great way to diversify the corlor of your work - a Two pound bag of bits. These bags contain a variety of colors. Pieces are 5 inches or less.	\$50.00		

price match

We want you to always get a great price, prompt shipping, done right the first time and problems solved right away with a friendly, knowledgeable representative. We work to keep our prices competitive but if you have or find a price from another supplier, just let us know. In most instances we can set you up with the same pricing offered by other suppliers and are happy to do so.







GLASS ALCHEMY

- These frits are available in the following sizes. Relative flake sizes are #25, #38, #70, #82, and #100. The larger the #, the smaller the frit size. They are available in 4oz. and 16oz. wide mouth jars. We recommend using a dust mask when using frit. If you use the smaller grades review your ventilation system and consider wearing a HEPA filter respirator.
- Size descriptions: #25 Kosher Salt #38 Raw Sugar #70 Hourglass Sand #82 River Silt #100 Talcum Powder or Cornstarch.

FRIT & POWDER				
PRODUCT #	COLOR	4 OUNCES	16 OUNCES	
FA000	Clear	\$11.00	\$32.00	
FA1939	Dragons Blood	\$21.00	\$82.00	
FA0287	Amazon Bronze	\$21.00	\$82.00	
FA2383	Persimmon Strike	\$21.00	\$82.00	
FA0385	Silver Strike 5	\$21.00	\$82.00	
FA0386	Purple Luster	\$21.00	\$82.00	
FA0441	Alchemy Mint	\$18.50	\$72.00	
FA0446	Agua Azul	\$18.50	\$72.00	
FA4494	Shamrock	\$21.00	\$82.00	
FA4595	Paparaazzi	\$21.00	\$82.00	
FA4598	Jackpot	\$21.00	\$82.00	
FA4838	Dragons Eye	\$21.00	\$82.00	
FA0489	Aquatic Carnival	\$21.00	\$82.00	
FA0515	Cobalt 5	\$16.00	\$62.00	
FA0548	Twilight	\$18.50	\$72.00	

FRIT & POWDER			
PRODUCT #	COLOR	4 OUNCES	16 OUNCES
FA5192	Bibidibobidiblue	\$18.50	\$72.00
FA5194	Iris	\$18.50	\$72.00
FA5447	Really Teally	\$18.50	\$72.00
FA5461	Peacock	\$18.50	\$72.00
FA5486	Peacock Chameleon	\$21.00	\$82.00
FA5873	Amazon Lagoon	\$21.00	\$82.00
FA6585	Andromeda	\$21.00	\$82.00
FA0783	Double Passion	\$21.00	\$82.00
FA0786	Triple Passion	\$21.00	\$82.00
FA9741	Black Violet	\$18.50	\$72.00
FA9749	Raven	\$18.50	\$72.00
FA9878	Amazon Night	\$21.00	\$82.00
FA9992	Portland Gray	\$18.50	\$72.00
FA9995	Sno White	\$21.00	\$82.00



MOMKA

- If you order combined quantities (mix and match Northstar/Glass Alchemy/Momka/Trautman/ Origin/Parramore) — DOES NOT INCLUDE ODDS OR SECONDS — of at least 5 pounds in minimum of quarter pound increments you will receive additional price discounts. They are as follows: 5-9 lbs = 20% discount - 10-24 lbs = 25% discount - 25+ lbs = 30% discount
- This cannot be combined with other discounts.
- Color rods are generally 20 inches in length and generally weigh 1.0 1.7 ozs

COLOR ROD FIRSTS				
PRODUCT #	COLOR	OUNCE	1 POUND	
MK0011	Cobalt Blue	\$2.87	\$40.00	
MK0012	Blue Lightning	\$3.94	\$54.88	
MK0013	Rainbow Blue	\$3.23	\$44.96	
MK0014	Blue Reflection	\$3.23	\$44.96	
MK0015	Silky Satin Blue	\$4.31	\$60.00	
MK0017	Crystal Blue	\$3.58	\$49.92	
MK0018	Blue Flambé	\$4.31	\$60.00	
MK0019	Winter Sky	\$5.02	\$69.92	
MK0021	Sunshine Yellow	\$5.02	\$69.92	
MK0022	Citrus Exotic Yellow	\$3.94	\$54.88	
MK0023	Citrus Exotic Grapefruit	\$5.02	\$69.92	

COLOR ROD FIRSTS				
PRODUCT #	COLOR	OUNCE	1 POUND	
MK0024	Lemon Yellow	\$5.02	\$69.92	
MK0025	Luminous Yellow	\$4.31	\$60.00	
MK0031	Sunset Orange	\$5.02	\$69.92	
MK0032	Pumpkin	\$5.02	\$69.92	
MK0041	Pistachio	\$5.38	\$74.88	
MK0042	Guacamole	\$5.02	\$69.92	
MK0043	Sea Green	\$3.58	\$49.92	
MK0045	Martini Olive	\$3.94	\$54.88	
MK0046	Green Envy	\$4.31	\$60.00	
MK0047	Ivy Green	\$3.94	\$54.88	
MK0048	Silver Pine	\$4.31	\$60.00	





MOMKA

COLOR ROD FIRSTS				
PRODUCT #	COLOR	OUNCE	1 POUND	
MK0049	Green Dragon	\$4.31	\$60.00	
MK0051	Plum Harvest	\$3.94	\$54.88	
MK0052	Silver Iris	\$4.31	\$60.00	
MK0053	Violet Iris	\$3.94	\$54.88	
MK0054	Blue Iris	\$4.31	\$60.00	
MK0061	Black Rose	\$3.94	\$54.88	
MK0062	Obsidian	\$3.58	\$49.92	
MK0063	Alaska Night	\$4.31	\$60.00	
MK0064	Black Bird	\$4.50	\$60.00	
MK0071	Silver Beach	\$4.31	\$60.00	
MK0072	Light Purple Haze	\$3.58	\$49.92	
MK0073	Silver Tears	\$5.02	\$69.92	
MK0074	Almond Nugget	\$5.02	\$69.92	
MK0075	Magic Mirror	\$5.02	\$69.92	
MK0076	Purple Thunder	\$5.02	\$69.92	
MK0077	Stormy Weather	\$5.38	\$74.88	
MK0078	Silver Flambé	\$5.02	\$69.92	
MK0079	Yellow Pearl	\$3.94	\$54.88	
MK0081	Whispering Pink	\$5.02	\$69.92	
MK0091	Charles Brown	\$3.94	\$54.88	
MK0092	Brown Glitter	\$4.31	\$60.00	
MK0101	Cinnabar	\$3.94	\$54.88	
MK0102	Carmen Red	\$5.02	\$69.92	
MK0103	Cherry Brandy	\$3.58	\$49.92	
MK0104	American Beauty	\$3.58	\$49.92	
MK0105	Scarlet Pink	\$5.02	\$69.92	
MK0111	Autumn Leaves	\$4.31	\$60.00	
MK0112	Moonlight Sonata	\$5.02	\$69.92	
MK0113	Rhapsody In Blue	\$5.02	\$69.92	
MK0114	Autumn Swirl	\$4.31	\$60.00	
MK0115	Caribbean Coral	\$5.02	\$69.92	
MK0116	Infinity	\$4.66	\$64.96	
MK0117	Infinity 2	\$4.66	\$64.96	
MK0118	Gypsy Queen	\$5.02	\$69.92	
MK0119	Blue Treasure	\$5.02	\$69.92	

COLOR ROD FIRSTS			
PRODUCT #	COLOR	OUNCE	1 POUND
MK0131	Marlee	\$5.02	\$69.92
MK0132	Amethyst Ice	\$5.02	\$69.92
MK0133	Halloween	\$4.66	\$64.96
MK0134	X-Mas	\$5.02	\$69.92
MK0135	Silver Dance	\$5.02	\$69.92
MK0136	Matador	\$4.66	\$64.96
MK0137	Apache	\$5.02	\$69.92
MK0138	Sparkly Thunder	\$5.02	\$69.92
MK0141	Silver Aqua	\$5.02	\$69.92
MK0151	Sunflower	\$5.75	\$80.00
MK0152	Gerber Pink	\$5.75	\$80.00
MK0153	Gerber Red	\$5.75	\$80.00
MK0154	Antique Beauty	\$5.38	\$74.88
MK0155	Cherry Blossom	\$5.38	\$74.88
MK0157	Forget Me Not	\$5.75	\$80.00
MK0181	Purple Spirit	\$5.75	\$80.00
MK0182	Melba Melange	\$5.75	\$80.00
MK0183	Sweetheart	\$5.75	\$80.00
MK0411	Green Flambé	\$4.66	\$64.96
MK0412	Sparkly Green	\$3.94	\$54.88
MK0413	Shimmering Blue Emerald	\$4.31	\$60.00
MK0414	Brisk Light Green	\$5.02	\$69.92
MK0415	Wasabi	\$5.75	\$80.00
MK0710	Aurora Borealis	\$4.66	\$64.96
MK0711	Violet Medley	\$5.02	\$69.92
MK0712	Cloud	\$3.94	\$54.88
MK1110	Infinity 3	\$5.02	\$69.92
MK1111	Cirque	\$5.02	\$69.92
MK1112	Yellow Submarine	\$5.02	\$69.92
MK1113	Mystic Rose	\$5.02	\$69.92
MK1114	Greener Trails	\$5.02	\$69.92
MK1115	Aurora Trails	\$5.38	\$74.88
MK1116	Orchard Plum	\$5.38	\$74.88
MK1117	Marlee 2	\$5.38	\$74.88
MK1151	Violet Hue	\$5.02	\$69.92

100% green power

With the help of NC Green Power, Mountain Glass has been offsetting 100% of its electricity with renewable resources such as solar, wind, biomass and water. Our contribution offsets 15,000 lbs of greenhouse gases per month, which is the environmental equivalent of planting 1,155 trees per month!







ORIGIN GLASS BOROBARS

- If you order combined quantities (mix and match Northstar/Glass Alchemy/Momka/Trautman/ Origin/Parramore) — DOES NOT INCLUDE ODDS OR SECONDS — of at least 5 pounds in minimum of quarter pound increments you will receive additional price discounts. They are as follows: 5-9 lbs = 20% discount - 10-24 lbs = 25% discount - 25+ lbs = 30% discount
- This cannot be combined with other discounts.
- Color rods are generally 4 inches in length and generally weight 0.3 ozs

BOROBAR COLOR ROD FIRSTS - 4 X ¼ INCH – 0.3oz EACH				
PRODUCT #	COLOR	OUNCE	1 POUND	
BB01	Sky Blue	\$2.30	\$25.60	
BB02	Midnight	\$2.30	\$25.60	
BB03	Electric Blue	\$2.30	\$25.60	
BB05	Spring Purple	\$2.30	\$25.60	
BB07	Coral Brown	\$2.30	\$25.60	
BB08	Cola	\$2.30	\$25.60	
BB09	Pitch Black	\$2.30	\$25.60	
BB10	Elan Gray	\$2.30	\$25.60	
BB11	Bright White	\$2.30	\$25.60	
BB12	Yellow	\$2.30	\$25.60	
BB16	Jade Green	\$2.30	\$25.60	
BB17	Tangerine	\$2.30	\$25.60	
BB18	Baby Blue	\$2.30	\$25.60	
BB19	Blush	\$2.80	\$33.60	
BB20	Lime Green	\$2.30	\$25.60	
BB21	Lizard Green	\$2.30	\$25.60	
BB22	Lobster	\$2.30	\$25.60	
BB23	Mustard	\$2.30	\$25.60	

ORIGIN FRIT & POWDER (8oz CONTAINERS)				
PRODUCT #	DESCRIPTION	FINE	SMALL	LARGE
F0F01	Sky Blue	\$20.75	\$16.50	\$20.75
F0F05	Spring Purple	\$20.75	\$16.50	\$20.75
F0F08	Cola	\$20.75	\$16.50	\$20.75
F0F11	Bright White	\$20.75	\$16.50	\$20.75
F0F17	Tangerine	\$20.75	\$16.50	\$20.75
FOF19	Blush	\$26.25	\$20.75	\$26.25
F0F20	Lime Green	\$20.75	\$16.50	\$20.75
F0F21	Lizard Green	\$20.75	\$16.50	\$20.75
F0F24	Lazuli	\$20.75	\$16.50	\$20.75
F0F25	Caribbean Blue	\$20.75	\$16.50	\$20.75
F0F34	Cotton Candy	\$26.25	\$20.75	\$26.25
F0F36	Yellow/Green Glow	\$108.75	\$87.00	\$108.75
F0F37	Aqua Glow	\$108.75	\$87.00	\$108.75
F0F38	Eggplant	\$26.25	\$21.00	\$20.75

BOROBAR COLOR ROD FIRSTS - 4 X ¼ INCH – 0.3oz EACH				
PRODUCT #	COLOR	OUNCE	1 POUND	
BB24	Lazuli	\$2.30	\$25.60	
BB25	Caribbean Blue	\$2.30	\$25.60	
BB34	Cotton Candy	\$2.80	\$33.60	
BB36	Yellow/Green Glow	\$9.33	\$129.92	
BB37	Aqua Glow	\$9.33	\$129.92	
BB38	Eggplant	\$2.80	\$33.60	
BB39	Ivy Green	\$2.30	\$25.60	
BB40	Sunshine	\$2.30	\$25.60	
BB41	Bright Blue	\$2.30	\$25.60	
BB42	Camelot	\$2.30	\$25.60	
BB43	Stone Gray	\$2.30	\$25.60	
BB44	Bing Cherry	\$2.30	\$25.60	
BB45	Indigo	\$2.30	\$25.60	
BB46	Ozone	\$2.30	\$25.60	
BB47	Elephant Gray	\$2.30	\$25.60	
BB48	Uber Blush	\$4.50	\$60.00	
BB49	Ivory Tusk	\$2.80	\$33.60	
BB50	Purple Passion	\$2.80	\$33.60	
BB51	Tawny	\$2.80	\$33.60	

BOROBAR GLOW IN THE DARK COLOR ROD				
PRODUCT #	COLOR	OUNCE	1 POUND	
BB36	Yellow/Green Glow in the Dark Glass Cane	\$9.33	\$129.92	
BB37	Aqua Glow in the Dark Glass Cane	\$9.33	\$129.92	

BOROBAR COLOR SAMPLE PACK			
PRODUCT #	DESCRIPTION	PRICE	
BBSAMPLE	Borobars Sample Pack, 3 bars of each color (this is just short of 1 ounce each), 37 colors total	\$74.99	







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- This cannot be combined with other discounts.
- \bullet Color rods are generally 20 inches in length and generally weigh 1.0 1.7 ozs

TRAUTMAN COLOR ROD FIRSTS				
PRODUCT #	COLOR	OUNCE	1 POUND	
TG01	Elvis Self Striking Red	\$4.02	\$56.00	
TG02	Dark Elvis Self Striking Red	\$4.32	\$60.00	
TG03	Black Jack Self Striking	\$4.32	\$60.00	
TG04	Apricot	\$4.02	\$56.00	
TG05	Blizzard Blue	\$6.46	\$89.92	
TG07	Light Red Elvis	\$3.59	\$49.92	
TG08	Yellow Elvis	\$3.59	\$49.92	
TG09	Turboco	\$4.02	\$56.00	
TG10	Caramelo	\$4.32	\$60.00	
TG11	Leprechaun	\$4.32	\$60.00	
TG15	Red Blizzard	\$6.46	\$89.92	
TG17	Kiwi	\$7.18	\$100.00	
TG18	Pink Cadillac	\$7.18	\$100.00	
TG21	Penumbra	\$4.32	\$60.00	
TG23	Wisteria	\$7.18	\$100.00	
TG24	Purple Sable	\$4.67	\$64.96	
TG25	Slyme #2	\$7.18	\$100.00	
TG26	Stag White	\$5.75	\$80.00	
TG27	Blue Stardust	\$4.32	\$60.00	
TG30	Heavy Blue Leprechaun	\$7.18	\$100.00	
TG32	Dwarf White	\$5.02	\$69.92	
TG33	Knight Rider	\$4.32	\$60.00	
TG34	Queen Bee	\$4.32	\$60.00	
TG35	Mai Tai Pink	\$4.02	\$56.00	
TG36	Heavy Blue Stardust	\$4.67	\$64.96	
TG37	Mighty Moss	\$7.18	\$100.00	
TG38	Double Mai Tai	\$4.32	\$60.00	
TG39	Mega Mai Tai	\$4.67	\$64.96	
TG40	Sasha's Oil Slick	\$5.02	\$69.92	
TG41	Whiteout	\$5.02	\$69.92	
TG42	Champagne Sparky	\$4.67	\$64.96	
TG43	Sparky	\$5.75	\$80.00	
TG44	Green Stardust	\$4.32	\$60.00	

, ,			
1	TRAUTMAN COLO	R ROD FIRST	S
PRODUCT #	COLOR	OUNCE	1 POUND
TG45	Green X	\$4.03	\$56.00
TG46	Green X Light	\$3.59	\$49.92
TG48	Heavy Xenon Green	,	
TG49	Heavy Teal	\$7.18	\$100.00
TG50	Dense Slyme #3	\$7.18	\$100.00
TG51	Satin Slyme	\$6.75	\$109.92
TG52	Orange Elvis	\$5.02	\$69.92
TG53	Honey Badger	\$4.60	\$64.00
TG54	Darth Badger	\$5.17	\$72.00
TG55	Pink Slyme	\$7.18	\$100.00
TG56	lo Star	\$4.67	\$64.96
TG57	Europa Star \$5.		\$69.92
TG58	Shooting Star	\$4.32	\$60.00
TG59	Pink Lollipop	\$4.67	\$64.96
TG60	Purple Lollipop	\$4.67	\$64.96
TG61	Sea Slyme	\$5.03	\$69.92
TG62	Blue Slyme	\$5.03	\$69.92
TG63	Slyrm	\$7.18	\$100.00
TG64	Blu-V	\$4.03	\$56.00
TG65	Dark Blue Slyme	\$5.03	\$69.92
TG66	TG66 Syzygy (CFL) \$4.67		\$64.96
TG67	Atomic Stardust (UV)	\$6.46	\$89.92
TG68	Fade to Black	\$6.46	\$89.92
TG69	Pink Proton (UV)	\$5.03	\$69.92
TG70	Tropical Green \$4.67		\$64.96
TG71	Parallax \$5.03		\$69.92
TG72	Sunset Slyme \$5.75		\$80.00
TG73	Lemon Slyme \$5.75		\$80.00
TG74	Solar Flare	\$5.75	\$80.00
TG75	Light Blue Stardust	\$4.02	\$56.00
TG76	Phaze	\$5.75	\$80.00
		\$80.00	





TRAUTMAN

	TRAUTMAN COLO	R TUBING	
PRODUCT #	COLOR	OUNCE	1 POUND
TGT01	Elvis Self Striking Red	\$5.75	\$80.00
TGT17	Kiwi	\$8.98	\$124.96
TGT18	Pink Cadillac	\$8.98	\$124.96
TGT37	Mighty Moss	\$8.62	\$120.00
TGT50	Slyme #3 (DENSE)	\$8.98	\$124.96
TGT61	Sea Slyme	\$8.98	\$124.96
TGT63	Slyrm	\$8.98	\$124.96

T	RAUTMAN COLOR SAMPLE PACI	(
PRODUCT #	DESCRIPTION	PRICE
TGSMALLSAMPLE	6" Rod Sample Pack - One, approximately 6" stick of the popular colors as selected by Trautman Art Glass.	\$60.00
TGLARGESAMPLE	Full Length Rod Sample Pack - One, approximately 20" stick of the popular colors as selected by Trautman Art Glass.	\$160.00

	TRAUTMAN	FRIT (40	Z)	
PRODUCT #	DESCRIPTION	FINE	MEDIUM	COARSE
FT001	Elvis	\$20.00	\$24.00	\$24.00
FT002	Black Elvis	\$24.00	\$24.00	\$24.00
FT017	Kiwi	\$32.00	\$32.00	\$32.00
FT018	Pink Cadillac	\$32.00	\$32.00	\$32.00
FT021	Penumbra	\$28.00	\$28.00	\$28.00
FT023	Wisteria	\$32.00	\$32.00	\$32.00
FT024	Purple Sable	\$32.00	\$32.00	\$32.00
FT037	Mighty Moss	\$32.00	\$32.00	\$32.00
FT038	Double Mai Tai	\$24.00	\$24.00	\$24.00
FT041	Whiteout	\$24.00	\$24.00	\$24.00



PARRAMORE

- If you order combined quantities (mix and match Northstar/Glass Alchemy/Momka/Trautman/ Origin/Parramore/Glasstronics) — DOES NOT INCLUDE ODDS OR SECONDS — of at least 5 pounds in minimum of quarter pound increments you will receive additional price discounts. They are as follows: 5-9 lbs = 20% discount -10-24 lbs = 25% discount -25+ lbs = 30% discount
- This cannot be combined with other discounts.
- \bullet Color rods are generally 20 inches in length and generally weigh 1.0 1.7 ozs

ROG	ER PARRAMORE CO	LOR ROD FIF	RSTS
PRODUCT #	COLOR	OUNCE	1 POUND
PG01	VW	\$4.75	\$60.00
PG02	Aqua	\$4.75	\$60.00
PG03	White	\$4.75	\$60.00
PG04	New Blue	\$4.75	\$60.00
PG05	Siberia	\$4.75	\$60.00
PG06	Mallard	\$4.75	\$60.00
PG07	Sitka	\$4.75	\$60.00
PG08	Denim	\$4.75	\$60.00
PG09	Sage	\$4.75	\$60.00
PG10	Cool Mint	\$4.75	\$60.00
PG11	Sea Mist	\$4.75	\$60.00

ROG	ER PARRAMORE CO	LOR ROD FIF	RSTS
PRODUCT #	COLOR	OUNCE	1 POUND
PG12	Peach	\$4.75	\$60.00
PG13	Pumpkin	\$4.75	\$60.00
PG14	Pink	\$4.75	\$60.00
PG16	Taupe	\$4.75	\$60.00
PG17	Butter	\$4.75	\$60.00
PG19	Lapis	\$4.75	\$60.00
PG25	Parraccino	\$4.50	\$60.00
PG26	Parramel	\$4.50	\$60.00
RES253	Parracocco	\$4.50	\$60.00
RES93	Parralatte	\$4.50	\$60.00

	BOROSILICATE SAMPLE PACKS	
PRODUCT #	DESCRIPTION	PRICE
BOROCOLORTOP20FULL	Full Rod Top 20 Boro Color Sample Pack - Why try to figure out the best glass blowing boro colors to get when you can just get the Top 20 Boro Color Sample Pack?	\$129.99
BOROCOLORTOP20HALF	Half Rod Top 20 Boro Color Sample Pack - Why try to figure out the best glass blowing boro colors to get when you can just get the Top 20 Boro Color Sample Pack?	\$69.99



DICHROIC GLASS



	DICHROIC ALCHEMY SAMPLE PACKS	
PRODUCT #	DESCRIPTION	PRICE
DAPACKO1	Sacred Geometry Dichroic Theme Pack 1 - Includes: x8 "A size" $1/2$ inch chips • x2 "B size" $3/4$ inch chips • x2 "C size" 1 inch chips	\$40.00
DAPACKO2	Sacred Geometry Dichroic Theme Pack 2-Includes: x8 "A size" $1/2$ inch chips • x2 "B size" $3/4$ inch chips • x2 "C size" 1 inch chips	\$40.00
DAPACKO3	Sacred Geometry Dichroic Theme Pack 3 - Includes: x6 "A size" 1/2 inch chips ● x4 "B size" 3/4 inch chips ● x1 "C size" 1 inch chips	\$40.00
DAPACKO4	Radial Geometry Dichroic Theme Pack 1 - Includes: x8 "A size" 1/2 inch chips ● x2 "B size" 3/4 inch chips ● x2 "C size" 1 inch chips	\$40.00
DAPACKO5	Radial Geometry Dichroic Theme Pack 2 - Includes: x8 "A size" 1/2 inch chips ● x2 "B size" 3/4 inch chips ● x2 "C size" 1 inch chips	\$40.00
DAPACKO6	Optical Illusion Dichroic Theme Pack 1 - Includes: x6 "B size" 3/4 inch chips ● x2 "C size" 1 inch chips	\$40.00
DAPACKO7	Optical Illusion Dichroic Theme Pack 2 - Includes: x6 "B size" 3/4 inch chips ● x2 "C size" 1 inch chips	\$40.00
DAPACKO8	Grateful Dead Dichroic Theme Pack - Includes: x8 "A size" 1/2 inch chips ● x2 "B size" 3/4 inch chips ● x2 "C size" 1 inch chips	\$40.00
DAPACKO9	Rasta Dichroic Theme Pack - Includes: x8 "A size" 1/2 inch chips ● x2 "B size" 3/4 inch chips ● x2 "C size" 1 inch chips	\$40.00

	CDC DODOG!!!	TE DIGUDALS STITE	01.466.700.6.6.73	1 /0" THE CULTES	
	CBS BOROSILICA		GLASS (33 C.O.E.)		
PART #	COLOR	8TH INCH THICK ¼ SHEET	8TH INCH THICK ½ SHEET	8TH INCH THICK FULL SHEET	PRICE PER OUNCE
CBSBOR08A	Aqua	\$46.30	\$79.40	\$139.20	\$7.00
CBSBOR08BC	Black Cherry	\$46.30	\$79.40	\$139.20	\$7.00
CBSBOR08BG	Blue-Gold	\$46.30	\$79.40	\$139.20	\$7.00
CBSBOR08CAR	Candy Apple Red	\$46.30	\$79.40	\$139.20	\$7.00
CBSBORO8CORK	Corkscrew Pattern	\$52.50	\$90.00	\$157.60	\$7.00
CBSBORO8CDDR	Cyan Dark-Dark Red	\$52.50	\$90.00	\$157.60	\$7.00
CBSBOR08CC	Cyan-Copper	\$46.30	\$79.40	\$139.20	\$7.00
CBSB0R08E	Emerald	\$46.30	\$79.40	\$139.20	\$7.00
CBSBOR08GMB	Green Magenta Blue	\$46.30	\$79.40	\$139.20	\$7.00
CBSB0R08GM	Green Magenta	\$57.50	\$98.60	\$172.40	\$7.00
CBSBOR08GP	Green Pink	\$57.50	\$98.60	\$172.40	\$7.00
CBSBOR08PT	Pink-Teal	\$46.30	\$79.40	\$139.20	\$7.00
CBSBOR08P	Purple	\$46.30	\$79.40	\$139.20	\$7.00
CBSBORO8RB2	Rainbow 2	\$57.50	\$98.60	\$172.40	\$7.00
CBSBORO8RB2+	Rainbow 2+	\$63.80	\$109.40	\$191.60	\$7.00
CBSBOR08PR	Puzzle Rainbow	\$57.50	\$98.60	\$172.40	\$7.00
CBSBORO8RBA-C/R	Rainbow A Cyan Red	\$52.50	\$90.00	\$157.60	\$7.00
CBSBORO8RBA-G/MB	Rainbow A Green Magenta	\$52.50	\$90.00	\$157.60	\$7.00
CBSBOR08RS	Red Silver	\$57.50	\$98.60	\$172.40	\$7.00
CBSBOR08REP	Red Silver Blue	\$57.50	\$98.60	\$172.40	\$7.00
CBSBOR08REP	Reptilian Pattern	\$52.50	\$90.00	\$157.60	\$7.00
CBSBOR08S	Salmon	\$46.30	\$79.40	\$139.20	\$7.00
CBSBOR08SRB	Splinter Rainbow	\$52.50	\$90.00	\$157.60	\$7.00
CBSBOR08YB	Yellow Blue	\$46.30	\$79.40	\$139.20	\$7.00
CBSBOR08V	Violet	\$46.30	\$79.40	\$139.20	\$7.00
CBS-8HONEY	Honeycomb on Borosilicate	\$57.50	\$98.60	\$172.40	\$7.00
CBS-8SILV	Silver on Borosilicate	\$46.30	\$79.40	\$139.20	\$7.00
CBS-8SQUARE05	Squares on Borosilicate	\$57.50	\$98.60	\$172.40	\$7.00





DICHROIC GLASS

	CBS BOROSILICAT	TE DICHROIC SHEET	GLASS (33 C.O.E.) 1	1/16" THICKNESS	
PART #	COLOR	16TH INCH THICK ¼ SHEET	16TH INCH THICK ½ SHEET	16TH INCH THICK FULL SHEET	PRICE PER OUNCE
CBSBGB2	Blue Gold	\$46.32	\$79.32	\$138.96	\$11.80
CBSCARB2	Candy Apple	\$46.32	\$79.32	\$138.96	\$11.80
CBSCCB2	Cyan Copper	\$46.32	\$79.32	\$138.96	\$11.80
CBSEB2	Emerald	\$46.32	\$79.32	\$138.96	\$11.80
CBSGMBB2	Green Magenta Blue	\$57.48	\$98.52	\$172.56	\$11.80
CBSGPB2	Green Pink	\$57.48	\$98.52	\$172.56	\$11.80
CBSMGB2	Magenta Green	\$57.48	\$98.52	\$172.56	\$11.80
CBSPTB2	Pink Teal	\$46.32	\$79.32	\$138.96	\$11.80
CBSRB2B2	Rainbow 2	\$63.78	\$109.32	\$191.52	\$11.80
CBSRB2+B2	Rainbow 2+	\$57.48	\$98.52	\$172.56	\$11.80
CBSRBA-C/RB2	Rainbow A Cyan/Red	\$57.48	\$98.52	\$172.56	\$11.80
CBSRSBB2	Red Silver Blue	\$57.48	\$98.52	\$172.56	\$11.80
CBS-16GM	Green Magenta on Borosilicate	\$63.78	\$109.32	\$191.52	\$11.80
CBS-16RBA-G/MB	Rainbow A Green/Magenta/ Blue on Borosilicate	\$63.78	\$109.32	\$191.52	\$11.80

CBS DICHROIC EXTRACT 1/8 OF A SHEET			
PART #	COLOR	PRICE	
CBSE_EXTRACT	Emerald	\$40.00	
CBSCDDR_EXTRACT	Cyan/Dark Dark Red	\$40.00	
CBSCC_EXTRACT	Cyan Copper	\$40.00	
CBSRS_EXTRACT	Red Silver	\$50.00	
CBSYB_EXTRACT	Yellow Blue	\$40.00	
CBSGM_EXTRACT	Green Magenta	\$50.00	

CBS BOROSILICATE DICHROIC SHEET GLASS (33 C.O.E.)
1/8" THICKNESS COLOR SAMPLE PACK

	PRODUCT #	DESCRIPTION	PRICE
	CBSASSORTED	CBS Assorted Double Spray Dichro - The beauty of dichroic glass is it's ability to surprise and dazzle, and this assortment of CBS Double Spray takes things to the next level. Coated a second time, this dichro will stretch farther and bling harder. And the best part is that you get an assorted pound of colors and thicknesses. Every pack is different- ensuring that your art will always be unique. The pounds are already weighed and bundled.	\$74.99
	CBSSAMPLE5	CBS Sample Pack - Top 5 Colors - A great way to try out the top 5 colors of dichroic at a discounted rate! This sample pack is cheaper than buying the dichroic individually.	\$19.99
	CBSSAMPLE10	CBS Sample Pack - Top 10 Colors - A great way to try out the top 10 colors of dichroic at a discounted rate! This sample pack is cheaper than buying the dichroic individually.	\$39.99

CBS BOROSILICATE IMAGES 1/8" THICKNESS				
PART #	PART # DESCRIPTION			
CBS-KLD-MEDPKG	Kaleidoscope Dichro Pinwheel Boro Medium - 3/4" - Random medium kaleidoscope designs coated, not etched, on 3/4" x 3/4" square 1/8" thick borosilicate glass.	\$5.00		
CBS-KLD-LGPKG	Kaleidoscope Dichro Pinwheel Boro Large - 1" - Random large kaleidoscope designs coated, not etched, on 1" x 1" square 1/8" thick borosilicate glass.	\$6.00		

GLOW PIGMENT				
PART #	DESCRIPTION	PRICE		
CBS-GLOAQUA	Aqua Glow Pigment - 1 oz.	\$25.00		
CBS-GLOBLUE	Blue Glow Pigment - 1 oz.	\$25.00		
CBS-GLOYEL	Yellow Glow Pigment - 1 oz.	\$25.00		

	BOROFLOAT SHEET GLASS				
PART #	PART # DESCRIPTION				
BFU8	BFU8 BFU8 Brush Br				
BFU16	Borofloat Uncoated Sheet - 1/16" Thick - These 1/16" thick plates of Borofloat are approximately 17" wide by 19" long. They are only sold by the full sheet and can be cut for shipping.	\$55.00			

BOROSILICATE DICHROIC SHEET GLASS (33 C.O.E.)/BOROSILICATE COLOR GLASS

BOROSILICATE DICHROIC IMAGES (33 C.O.E.)



CBS BOROSILICATE IMAGES 1/8" THICKNESS						
IMAGE	PART#	DESCRIPTION	PRICE EACH			
	CBSPINPK	20 Dichroic Pinwheel Images - on ½" borosilicate glass squares. You can stack these images as well for many great effects.	\$35.00			
	CBSPIN	Single Dichroic Pinwheel Image - on 1/2" borosilicate glass squares	\$2.50			
	CBSKLDPK	20 Dichroic Kaleidoscope Images - on 1/2" borosilicate glass squares. You can stack these images as well for many great effects.	\$35.00			
	CBSKLD	Single Dichroic Kaleidoscope Image - on 1/2" borosilicate glass squares	\$2.50			

- Quality millefiories and murrini from \$3.00 to \$10.00 per gram, by skilled glass artists including Dave Strobel.
- 3 gram minimum.
- PLEASE NOTE: Colors and styles may vary from the photo. Most are very accurate however please call if you must have an exact match.



MILLESTARCLUSTER Star Cluster Mille \$4.50



MILLEMONARCH Monarch **Butterfly Mille** \$4.50



MILLESTARCLUSTER Oak Tree Mille \$3.00



Ying Yang Mille \$4.50



MILLEYINGYANG MILLEYELLOWFLOWER Yellow Flower Mille \$4.00



MILLEHEARTWING Heart with Wings Mille \$4.00



MILLE8BALL 8 Ball Mille \$4.50



MILLEYINGYANGCLUSTER Ying Yang Cluster Mille \$4.00



MILLECATSEYEV2 Cat's Eve Mille Version 2 \$4.50



MILLELIZARDEYEV3 Lizard Eve Mille Version 3 \$4.50



MILLEMUSHROOM SCENEV3 Mushroom Scene Mille Version 3 \$4.50



MILLEMUSHROOM SCFNFV4 Mushroom Scene Mille Version 4 \$4.50



MILLEMUSHROOM SCFNFV6 Mushroom Scene Mille Version 6 \$4.50



MILLESLYME MUSHROOM Slyme Mushroom Mille \$4.50



MILLEREDGREEN STARCLUSTER Red/Green Star Cluster Mille \$4.50



MILLEORANGEBLACK STARCLUSTER Orange Black Star Cluster Mille \$4.50



STARCLUSTER Multi Color Star Cluster Mille \$4.50



Slyme Spitfire Mille \$4.50



MILLEMULTICOLOR MILLESLYMESPITFIRE MILLEBLACKWIDOW Black Widow Spider Mille \$4.50



MILLEREDHEART Red Heart Mille \$4.50



MILLEALIENHEADV2 Alien Head Mille Version 2 \$4.50



MILLEALIENHEADV3 Version 3 \$4.50



MILLESKULLV1 Alien Head Mille Skull Mille Version 1 \$4.50



MILLEWHITEROSE White Rose Mille \$4.50

BOROSILICATE COLOR GLASS



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MILLEYELLOWROSE Yellow Rose Mille \$4.50



MILLECONVICTFISH Convict Fish Mille \$4.50



MILLEANGELFISH Angelfish Mille \$4.50



MILLEPARROTFISH Parrot Fish Mille \$4.50



MILLETRIGGERFISH Triggerfish Mille \$4.50



MILLEBUTTERFLY FISHV1 Copperband Butterfly Fish Mille Version 1 \$4.50



MILLEBUTTERFLY FISHV2 Copperband Butterfly Fish Mille Version 2 \$4.50



MILLEORCAWHALE Orca Whale Mille \$4.50



MILLEDOLPHIN Dolphin Mille \$4.50



MILLESEAHORSE Seahorse Mille \$4.50



MILLESHELLV1 Shell Mille Version 1 \$4.50



MILLETROPICALFISH1 Tropical Fish #1 Mille \$4.50



MILLETROPICALFISH2 Tropical Fish #2 Mille \$4.50



MILLETROPICALFISH3 MILLETROPICALFISH4 Tropical Fish #3 Mille Tropical Fish #4 Mille \$4.50



\$4.50



MILLESHARK Shark Mille \$4.50



MILLEFLOWER1 Flower Mille \$4.50



MILLESKULL Skull Mille \$4.00



MILLESTARBURST Starburst Mille \$4.00



MILLEBLUESHROOM Blue Shroom Mille \$4.50



MILL FFRIT7 Fritz the Cat Mille \$6.00



MILLEGREENBLUE STARCLUSTERV2 Green Blue Star Cluster Mille Version 2 \$4.50



MILLETOMS STARCLUSTER Tom's Star Cluster Mille \$4.50



MILLER&WYINYANG **CLUSTER B&W Yin Yana** Cluster Mille \$4.50



MILLEREDROSE Red Rose Mille \$4.50



MILLEBLUEORCHID Blue Orchid Mille \$4.50



MILLEFORBIDDEN ORCHID Forbidden Orchid Mille Tropical Flower Mille Tropical Flower Mille \$4.50



MILLETROPICAL FLOWERV1 Version 1 \$4.50



MILLETROPICAL FLOWERV2 Version 2 \$4.50



MILLEMARYJANEV1 Mary Jane Mille Version 1 \$4.50



MILLEMARYJANE **CLUSTER** Mary Jane Cluster Mille \$4.50



MILLEMARYJANEV2 Mary Jane Mille Version 2 \$4.50



MILLESKULLV4 Skull Mille Version 4 \$4.50



MILLEPURPLESTAR FISH Purple Starfish Mille \$4.50



MILLEFLAMEANGEL FISHV2 Flame Angelfish Mille Version 2 \$4.50



MILLETURTLEV2 Turtle Mille Version 2 \$4.50



MILLEALIENSKULL Alien Skull Mille \$6.00



MILLEWHITE / GREENCELTICKNOT White/Green Celtic Knot Mille \$4.50



MILLEBIOHAZZARD Biohazzard Mille \$5.00



MILLERADIATION Radiation Mille \$4.50

BOROSILICATE COLOR GLASS

MILLEFIORIES/MURRINI

- Quality millefiories and murrini from \$3.00 to \$10.00 per gram, by skilled glass artists including Dave Strobel.
- 3 gram minimum.
- **PLEASE NOTE:** Colors and styles may vary from the photo.

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MILLEWHITEROSE Yin Yang Cluster Mille \$4.50



MILLESHAMROCK Shamrock Mille \$4.50



MILLE8BALLV2 8 Ball Mille Version 2 \$4.50



MILLEILLUMINATI Illuminati Mille \$4.50



MILLEBUMBLEBEE Bumblebee Mille \$4.50



MILLEMARYJANE CLUSTERV2 Mary Jane Cluster Mille Version 2 \$4.50



MILLEBATMAN Batman Mille \$6.00



MILLESKUNKFACE Skunk Face Mille \$6.00



MILLECAPTAIN AMERICASHIELD Captain America Shield Mille \$5.00



MILLESATAN Satan Mille \$8.00



MILLEJESUS Jesus Mille \$6.00



MILLEGOLD/ BLACKCELTICKNOT Gold/Black Celtic Knot Mille \$4.50



MILLERED/ WHITECELTICKNOT Red/White Celtic Knot Mille \$4.50



MILLEDUGPAW Dog Paw Mille \$4.50



MILLEYELLOW TWISTEDRIBBON Yellow Twisted Ribbon Mille \$4.50



MILLEBLUE/ WHITETWISTEDKNOT Blue/White Twisted Knot Mille \$4.50



MILLEJOLLYRODGER Jolly Rodger Mille \$4.50



MILLEYELLOW TWISTEDRIBBON CLUSTER Yellow Twisted Ribbon Cluster Mille



M008 Mr. Garrison #1 V.2 \$6.00



M010 Mr. Hat V.2 \$6.00



M011 Jimmy \$6.00



M012 Timmy \$6.00



M013 Randy Marsh \$6.00



M014 Tweek \$6.00



M015 Mr. Garrison #2 V.2 \$6.00



\$4.50

M016 Token \$6.00



M017 Towlie V.3 \$6.00



M018 Kenny \$6.00



M019 Kyle V.2 \$6.00



M022 Lizard Eye V.1 \$4.50



M023 Lizard Eye V.2 \$4.50



M024 Frog's Eye V.2 \$4.50



M025 Human Eye V.2 \$4.50



M034 Mushroom Scene V.5 \$4.50



M036 Blue Slyme Mushroom \$6.00



M038 Nibbler \$6.00



M040 Blinky \$6.00



M043 Fritz the Cat \$6.00



M044 Kang \$6.00



M048 Charlie Brown \$6.00



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- 3 gram minimum.
- PLEASE NOTE: Colors and styles may vary from the photo. Most are very accurate however please call if you must have an exact match.



M060 Orange/Black Star Cluster \$4.50



M063 Green/Red Star Cluster \$4.00



M066 Chaos Cluster \$4.50



M067 Azul/Orange Star Cluster \$4.50



M068 Pink/Purple Star Cluster \$4.50



M080 Angry Bird Pig w/ Helmet \$4.50



M081 Red Angry Bird \$4.50



M083 Yellow Angry Bird \$4.50



Bomb Angry Bird



M086 **Red Spitfire** \$4.50



M088 Black Widow Spider \$4.50



M090 Red Rose \$4.50



Red Petaluma Flower \$4.50



M100 Yellow Rose \$4.50



M101 Blue Orchid \$4.50



M102 White Orchid \$4.50



M104 Hawaiian Hibiscus V.2 \$4.50



Orca Whale \$4.50



M123 Shell V.2 \$4.50



Crab \$6.00



M140 Peter Griffin \$6.00



M141 Lois Griffin \$6.00



M143 Chris Griffin \$6.00



M144 Stewie Griffin \$6.00



Cleveland Brown \$6.00



M150 Butters V.2 \$6.00



M151 Terrance \$6.00



M152 Phillip \$6.00



M153Mr. Mackey \$6.00



M154 Spider-Man \$5.00



M155 Wolverine \$5.00



M156 Jerry Garcia Hand \$5.00



M166 Yin & Yang Cluster \$4.50



M172Mary Jane Leaf Cluster #2 \$4.50



M175 Batman \$5.00



M180 Storm Trooper \$6.00



M181 Imperial Guard \$6.00



M183 Minion #2 \$6.00



M184 Sideshow Bob Head \$8.00



M185 Sideshow Bob w/ Knife \$12.00

BOROSILICATE COLOR GLASS

- Quality millefiories and murrini from \$3.00 to \$10.00 per gram, by skilled glass artists including Dave Strobel.
- 3 gram minimum.
- PLEASE NOTE: Colors and styles may vary from the photo. Most are very accurate however please call if you must have an exact match.



M186 Boba Fett V.2 \$6.00



M187 Captain America \$6.00



M188 Spy vs. Spy \$6.00



M189 Cartman V.2 \$6.00



M193 Kodos V.2 \$6.00



M194 Angry Bird Cluster \$4.50



M197 Jesus \$6.00



M202 Yellow Twisted Ribbon Cluster \$4.50



M203 Twisted Knot Green / White Border \$4.50



M204 lke \$6.00



M206 **Butthead** \$6.00



M208 Sub-Zero \$6.00



M209 Terrapin Turtle \$5.00



M213 Ladybug \$4.50



M214 Black/White Celtic Knot \$4.50



M215 General Disarray \$8.00



M216 Mysterion \$8.00



M217 The Coon \$8.00



M219 Dab It \$4.50



M220 710 \$4.50



M221 0il \$4.50



M222 Marge Simpson \$8.00



M223 Lisa Simpson \$8.00



M225 Cop Cartman \$10.00



M226 Bob Belcher \$8.00



M227 Maggie Simpson \$6.00



M228 Bart Simpson w/Skateboard \$8.00



M230 Homer Simpson w/ Donut \$8.00



M231 Green Dancing Bear \$6.00



M235 Rasta Irie \$4.50



M236 Butterfly #2 \$5.00



M237 Butterfly #3 \$5.00



M238 Mooning Bart Simpson \$8.00



M240 Sexy Leela \$9.00



M241 Giant Fighting Chicken \$6.00



M243 **Evil Monkey** \$7.00



M246 Scratchy \$8.00



M249 Dancing Turtle \$5.00



M251 Yellow Submarine \$4.50



M252 Fry \$6.00



- Quality millefiories and murrini from \$3.00 to \$10.00 per gram, by skilled glass artists including Dave Strobel.
- 3 gram minimum.
- **PLEASE NOTE:** Colors and styles may vary from the photo. Most are very accurate however please call if you must have an exact match.



Spy vs. Spy #2 \$10.00



M254 Sexy Lois \$8.00



M255 Fin \$7.00



M256 Jake \$7.00



M258 Ice King \$7.00



M259 Sunflower \$4.50



M260 Princess Bubblegum \$7.00



M261 Stewie w/ Glock 9mm's \$10.00



M263 Chicken Boba Fett \$7.00



M264 Stewie Vader \$9.00



M265 Milhouse \$8.00



M270 Towelie w/ Tube \$6.00



M271 Alien w/ Illuminati Aura \$5.00



M272 Maggie Simpson \$7.00



M274 PC Principle \$6.00



M276 Dr. Zoidberg \$6.00



M277 Nelson Muntz \$8.00



M278 Professor Farnsworth \$6.00



M279 Amy Wong \$6.00



M281 Hermies \$5.00



M282 Officer Barbrady \$6.00



M283 Zapp Brannigan \$5.00



M284 Stan Smith \$5.00



M285 Francine Smith \$5.00



M286 Lou \$6.00



M287 Hayley Smith \$4.50



M288 Escobart \$8.00



M289 Steve Smith \$5.00



M290 Poké Ball \$4.00



M291 Electode \$4.00



M292 Gengar \$5.00



M296 Jigglypuff \$5.00



M297 Grandpa Simpson \$6.00



M298 Snorlax \$5.00



DICHROIC GLASS/SOFT GLASS

DICHROIC ALCHEMY BOROSILICATE IMAGES 1/8" THICKNESS



- We stock many images not listed below. Please call to check with us if you do not see something you are interested in.
- All of these images are on 1/2" borosilicate glass squares.

ALL IMAGES LISTED ARE \$2.00 EACH



DAIA001



DAIA007 **B00AIAD** Butterfly Butterfly



DAIA009 Celtic Circle



DAIA018 Fairy



DAIA024 Firestar



DAIA029 Frog



DAIA044 Hunab Ku



DAIA050 Moon and Star



420 Image

DAIA053 Mushroom



Yin Yang

DAIA060 Mushrooms



DAIA062 Skull



DAIA065 5 Pointed Star



DAIA066 Lion Star of Judah



DAIA067 Sun & Signs



DAIA076 Yin Yang



DAIA078 Taurus



DAIA079 Gemini



DAIA080 Cancer



DAIA082 Virgo



DAIA085 Sagitarius



DAIA1012 Flower 42



DAIA1020 Tiger



DAIA109 Cheshire



DAIA111 Fractal



DAIA113 Native Fish



DAIA1120 Dragon



DAIA1131 Pirate Swords



DAIA1149 Pitbull



DAIA1159 Peace Sign Flower



DAIA1161 Disc Golf Basket



DAIA1253 Penguin



DAIA1287 Fleur de Lys



DAIA130 Mandala7



DAIA131 Mandala 8



DAIA135 Geo 31



DAIA166 Geo 52



DAIA169 Alien 2



DAIA170 Dolphin



DAIA173 Skunk



DAIA177 Medical Alert



DAIA179 Flower Geo



DAIA180 Triple Star of Judah



DAIA184 King Selasie



DAIA185 Tribal Sun



DAIA188 Goddess



DAIA191 Om with Border



Butterfly 2

DAIA194 Sunflower



DAIA196 0m



DAIA200 Spirals



DAIA203 Geometric Eye Pattern



DAIA205 Fireform



DAIA215 Skull and Crossbones



DICHROIC GLASS/SOFT GLASS/VAL COX (**)



DICHROIC ALCHEMY BOROSILICATE IMAGES 1/8" THICKNESS

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- All of these images are on 1/2" borosilicate glass squares.

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DAIA220 Made in USA

DAIA321 Maze

DAIA413 Smokeout

DAIA422 Fire

DAIA477 Sunflowers

DAIA831 MoonD

Daia836 Horse

DAIA838 Rasta Lion

DAIA849 Witch











DAIA859 Handi

DAIA900 Bee

DAIA909 Scorpion 2

DAIA942 Crab

DAIA949

Che

VAL COX

PLEASE NOTE: All of Val Cox Frit is made with premium furnace glass (96 COE). The metal oxides that give furnace glass its intense color also make it more elastic. This means that Val Cox frit is compatible with Moretti/ Effetre/Vetrofond (104 COE) and Bullseye (90 COE) as long as you use it in moderation. A conservative rule of thumb is 5% of the weight of the bead. Fortunately, since furnace glass colors tend to be intense, a small amount not only works best, it looks best.

FRIT				
PRODUCT # COLOR		SIZE	PRICE	
VCOO1 Iron Oxide		3 oz	\$11.00	
VC003	VC003 Amazonia		\$11.00	
VC004	VC004 Trickster		\$11.00	
VC006	VC006 Pink Caramel		\$12.00	
VC007	Violet Peacock	3 oz	\$11.00	

FRIT				
PRODUCT #	COLOR	SIZE	PRICE	
VC008	VC008 Pink Taffy		\$11.00	
VC009	Red Currant	3 oz	\$12.00	
VC011	Adora	3 oz	\$12.00	
VCO12 Abigail		3 oz	\$12.00	
VC013	Tawny White	3 oz	\$11.00	

VAL COX SAMPLE PACK					
PRODUCT # DESCRIPTION PRIO					
VCSAMPLE	Val Cox - Frit Sample Pack - Here's a great way to try 6 different frit blends. They come individually labeled and portioned into 1 oz bags.	\$24.00			
VCSAMPLESILVER	Val Cox - Silver Frit Sample Pack - Here's a great way to try 6 different silver frit blends. They come labeled and portioned into individual bags.	\$32.00			



SOFT GLASS - 104 C.O.E.

EFFETRE PRICE DISCOUNTS AND OTHER NOTES

- Effetre color rod is subject to quantity price breaks. For each color ordered there are price discounts at half & full pound quantities. In addition, if you order combined quantities of 5 pounds in at least 1/4 pound increments you will receive additional price discounts.
- 5-9 pounds 20% discount 10-24 pounds 25% discount –
 Over 25 pounds is a 30% discount
- This cannot be combined with other discounts.
- Minimum order quantity for Effetre is 1/8 lb. per color. Each rod now cut to 13-14".
- The annealing range of Effetre is between 920 968 F The working temperature is 1700 F The softening point is 1050 F

EFFETRE (MORETTI) COLOR ROD

- (To view colors see color chart in beginning of catalog)
- Coefficient of expansion is 104 not compatible with borosilicate Effetre is also known as Moretti.

EFFETRE/MORETTI SOFT GLASS RODS TRANSPARENT COLORS, 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
56004	Moretti Clear 5-6mm	\$2.14	\$7.28	\$10.88
591006	Super Clear 5-6mm	\$2.50	\$8.48	\$12.64
56008	Yellow	\$2.14	\$7.28	\$10.88
56012	Topaz Light	\$2.14	\$7.28	\$10.88
56014	Topaz Medium	\$2.14	\$7.28	\$10.88
56016	Topaz Dark	\$2.14	\$7.28	\$10.88
56018	Light Chestnut	\$3.58	\$12.16	\$18.08
56019	Sage Green Transparent	\$2.44	\$9.36	\$14.00
56020	Light Grass Green	\$2.14	\$7.28	\$10.88
56022	Medium Grass Green	\$2.14	\$7.28	\$10.88
56024	Dark Grass Green	\$2.14	\$7.28	\$10.88
56025	Green Olive Transparent	\$2.14	\$7.28	\$10.88
56026	Teal Light	\$2.14	\$7.28	\$10.88
56027	Dark Teal	\$3.94	\$13.36	\$19.84
56028	Light Emerald	\$2.14	\$7.28	\$10.88
56030	Dark Emerald	\$2.14	\$7.28	\$10.88
56031	Pale Emerald Green	\$6.08	\$20.64	\$30.56
56034	Light Aquamarine	\$2.14	\$7.28	\$10.88
56036	Dark Aqua	\$2.14	\$7.28	\$10.88
56038	Very Pale Aquamarine	\$2.14	\$7.28	\$10.88
56039	Violet Dark Premium	\$2.44	\$9.36	\$14.00
56040	Light Amethyst	\$2.14	\$7.28	\$10.88
56041	Violet Light Premium	\$2.44	\$9.36	\$14.00
56042	Medium Amethyst	\$2.14	\$7.28	\$10.88
56044	Dark Amethyst	\$2.14	\$7.28	\$10.88
56045	Blue Purple Premium	\$2.44	\$9.36	\$14.00
56046	Pale Purple	\$2.14	\$7.28	\$10.88
56048	Grey	\$2.14	\$7.28	\$10.88
56050	Pale Blue	\$2.14	\$7.28	\$10.88

	EFFETRE/MORETTI SOFT GLASS RODS TRANSPARENT COLORS, 13-14" LENGTHS					
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND		
56052	Light Blue	\$2.14	\$7.28	\$10.88		
56054	Medium Blue	\$2.14	\$7.28	\$10.88		
56056	Dark Blue	\$2.14	\$7.28	\$10.88		
56057	Intense Blue	\$2.78	\$10.64	\$16.00		
56058	Ink Blue	\$3.58	\$12.16	\$18.08		
56059	Blue Mosaic	\$5.20	\$17.69	\$26.20		
56060	Cobalt Blue	\$2.14	\$7.28	\$10.88		
56064	Black	\$2.14	\$7.28	\$10.88		
56065	Black Metallic Premium	\$10.73	\$36.45	\$54.00		
56066	Intense Black	\$9.02	\$34.64	\$52.00		
56067	Rose Quartz	\$2.92	\$11.20	\$16.80		
56068	Rose	\$2.14	\$7.28	\$10.88		
56069	Yellow Electric	\$2.32	\$7.92	\$11.68		
56070	Uranium Yellow	\$3.58	\$12.16	\$18.08		
56071	Yellow Green	\$3.58	\$12.16	\$18.08		
56072	Striking Orange	\$2.32	\$7.92	\$11.68		
56073	Green Apple	\$1.60	\$5.44	\$8.06		
56076	Red Transparent (striker)	\$2.32	\$7.92	\$11.68		
56080	Periwinkle/ Lavender Pale	\$2.30	\$8.88	\$13.30		
56082	Pale Lavender	\$2.30	\$8.88	\$13.30		
56083	Dark Lavender Blue Premium	\$3.94	\$15.12	\$22.72		
56084	Light Grey	\$2.14	\$7.28	\$10.88		
56088	Dark Grey	\$2.32	\$7.92	\$11.68		
56090	Kelp Transparent	\$2.00	\$6.80	\$10.80		
591006-08	Super Clear 8-9mm	\$2.50	\$8.48	\$12.64		



EFFETRE (MORETTI) COLOR ROD

	EFFETRE/MORET PASTEL COLOR			
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
56204	White	\$2.46	\$8.32	\$12.32
56206	Sunset	\$7.09	\$24.10	\$35.71
56208	Light White	\$2.46	\$8.32	\$12.32
56210	Avocado Green Opaque	\$4.64	\$15.76	\$23.36
56211	Sage Green Opaque	\$5.90	\$20.08	\$29.76
56212	Pea Green	\$2.46	\$8.32	\$12.32
56213	Grasshopper	\$3.20	\$10.88	\$16.12
56214	Nile Green	\$2.46	\$8.32	\$12.32
56216	Light Grass Green	\$2.46	\$8.32	\$12.32
56217	Green Mint	\$5.49	\$18.66	\$27.64
56218	Petroleum Green	\$2.46	\$8.32	\$12.32
56219	Copper Green Opaque	\$7.86	\$26.72	\$39.68
56220	Blue	\$2.46	\$8.32	\$12.32
56221	Lavender	\$9.38	\$31.92	\$47.20
56222	Periwinkle Dark Opaque Machine Pulled	\$3.16	\$12.16	\$18.24
56224	Light Sky Blue	\$2.46	\$8.32	\$12.32
56226	Alexandrite	\$9.38	\$31.88	\$47.23
56227	Caribbean Sea	\$7.14	\$24.24	\$36.00
56228	Dark Sky Blue	\$2.46	\$8.32	\$12.32
56229	Red Copper Green	\$6.12	\$20.80	\$30.81
56230	Neptune	\$8.17	\$27.79	\$41.18
56232	Light Turquoise	\$2.46	\$8.32	\$12.32
56236	Dark Turquoise	\$2.46	\$8.32	\$12.32
56238	Navy Blue	\$6.12	\$20.80	\$30.81
56240	Lapis Light	\$2.78	\$9.44	\$13.92
56242	Lapis Medium	\$3.12	\$10.64	\$15.68
56246	Lapis Cobalt	\$4.82	\$16.40	\$24.32
56247	Lavender Blue Light Opaque Machine Pulled	\$3.16	\$12.16	\$18.20
56248	Light Grey	\$2.46	\$8.32	\$12.32
56250	Rose Quartz	\$10.02	\$34.00	\$50.40
56252	Dark Grey	\$2.46	\$8.32	\$12.32
56254	Purple Opaque	\$10.02	\$34.00	\$50.40
56255	Silver Pink	\$8.40	\$28.56	\$42.24
56256	Dark Rose - Pink Dark Premium Pastel	\$10.72	\$36.48	\$54.08
56257	Sedona Premium Pastel	\$10.72	\$36.48	\$54.08

	EFFETRE/MORET PASTEL COLOR			5
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
56258	Tongue Pink	\$4.74	\$16.08	\$23.84
56261	Angel Pink	\$6.08	\$20.64	\$30.56
56262	Powder Pink Opaque	\$4.74	\$16.08	\$23.84
56263	Mou Premium Translucent	\$9.38	\$31.88	\$47.23
56264	lvory	\$2.46	\$8.32	\$12.32
56265	Yellow Uranium Premium	\$8.02	\$30.80	\$46.20
56266	Yellow Opaque	\$10.02	\$34.00	\$50.40
56268	Pearl Grey	\$2.46	\$8.32	\$12.32
56269	Lilac	\$4.72	\$18.88	\$37.76
56271	Plum Silver Light Opaque Pastel	\$5.54	\$18.80	\$27.84
56272	Violet	\$2.46	\$8.32	\$12.32
56273	New Violet Opaque	\$7.86	\$26.72	\$39.68
56274	Dark Violet Opaque	\$7.86	\$26.72	\$39.68
56275	Dark Silver Plum	\$7.86	\$26.72	\$39.68
56276	Dark Ivory	\$2.46	\$8.32	\$12.32
56278	Dark Dark Lilac	\$10.81	\$36.74	\$54.43
56279	Marmo Viola	\$6.12	\$20.80	\$30.81
56280	Marmorin	\$6.68	\$25.68	\$38.50
56287	Sediment	\$2.92	\$11.20	\$16.80
56289	Marmo Verde	\$6.12	\$20.80	\$30.81
56291	Avorio Lapis	\$6.12	\$20.80	\$30.81
56293	Dark Avorio Lapis	\$6.12	\$20.80	\$30.81
56294	Avorio Viola	\$6.12	\$20.80	\$30.81
56296	Avorio Pervinca	\$6.12	\$20.80	\$30.81
56298	Marmo Turchese	\$6.12	\$20.80	\$30.81
56410	Butternut Lime	\$5.83	\$19.82	\$29.37
56411	Apple Blush	\$5.83	\$19.82	\$29.37
56414	Butternut	\$6.12	\$20.80	\$30.81
56415	Pistachio	\$6.74	\$22.93	\$33.98
56420-LM	Coral La Mesa	\$1.94	\$7.44	\$11.20
56423	Spanish Leathe	\$5.83	\$19.82	\$29.37
56425	Light Zucca	\$5.72	\$19.44	\$28.80
56470	Burnt Sienna	\$2.11	\$7.19	\$10.65
56471	Dark Burnt Sienna	\$2.11	\$7.19	\$10.65



EFFETRE (MORETTI) COLOR ROD

• Alabaster colors are not compatible with other moretti colors. Experimentation is suggested.

EFFETRE/MORETTI SOFT GLASS RODS ALABASTER COLORS, 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
56304	Pure White	\$3.22	\$10.96	\$16.16
56308	Regular White	\$3.22	\$10.96	\$16.16
56312	Special White	\$3.58	\$12.16	\$18.08
56316	Agate White	\$3.22	\$10.96	\$16.16
56320	lvory	\$3.22	\$10.96	\$16.16
56340	Green	\$3.22	\$10.96	\$16.16
56344	Pine Tree Green	\$3.22	\$10.96	\$16.16
56348	Light Turquoise	\$3.22	\$10.96	\$16.16
56352	Medium Turquoise	\$3.22	\$10.96	\$16.16

EFFETRE/MORETTI SOFT GLASS RODS ALABASTER COLORS, 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
56356	Dark Turquoise	\$3.22	\$10.96	\$16.16
56360	Light Periwinkle	\$3.22	\$10.96	\$16.16
56364	Dark Periwinkle	\$3.22	\$10.96	\$16.16
56368	Lapis	\$3.22	\$10.96	\$16.16
56372	Light Rose/Pink	\$3.94	\$13.36	\$19.84
56376	Medium Rose/Pink	\$3.94	\$13.36	\$19.84
56380	Dark Rose/Pink	\$3.94	\$13.36	\$19.84
56384	Cobalt Blue	\$3.22	\$10.96	\$16.16

EFFETRE/MORETTI SOFT GLASS RODS SPECIAL COLORS, 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
56404	Light Lemon	\$2.86	\$9.76	\$14.40
56408	Lemon Yellow	\$2.86	\$9.76	\$14.40
56412	Dark Yellow	\$2.86	\$9.76	\$14.40
56416	Sulfur Yellow	\$2.86	\$9.76	\$14.40
56418	Pastel Yellow	\$2.86	\$9.76	\$14.40
56419-00	Apricot Orange Orange	\$1.83	\$11.84	\$18.24
56420-MS	Coral Martian Strata	\$1.20	\$7.76	\$12.00
56420-P	Coral Persimmon	\$1.20	\$7.76	\$12.00
56422	Orange	\$2.86	\$9.76	\$14.40
56424	Carrot Red	\$2.00	\$6.80	\$10.08
56428	Light Red	\$2.86	\$9.76	\$14.40

EFFETRE/MORETTI SOFT GLASS RODS SPECIAL COLORS, 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
56432	Red	\$2.86	\$9.76	\$14.40
56436	Dark Red	\$2.86	\$9.76	\$14.40
56438	Purple Red	\$2.86	\$9.76	\$14.40
56440	Red Roof Tile	\$3.16	\$12.16	\$18.20
56441	Dark Matter	\$5.49	\$18.66	\$27.64
56444	Light Chestnut	\$2.86	\$9.76	\$14.40
56448	Dark Chestnut	\$2.86	\$9.76	\$14.40
56452	Wine Red	\$2.86	\$9.76	\$14.40
56456	Gold/Ruby	\$10.72	\$36.48	\$54.08
56460	Mustard	\$2.86	\$9.76	\$14.40

EFFETRE/MORETTI SOFT GLASS RODS						
	COOL COLORS, 13-14" LENGTHS					
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND		
591640	Mimosa Yellow	\$5.46	\$20.08	\$34.88		
591642	Orange African Daisy	\$5.46	\$20.08	\$34.88		
591643	American Beauty	\$5.46	\$20.08	\$34.88		
591650	Relish	\$7.02	\$25.84	\$44.96		
591651	Venetian Sunrise	\$7.02	\$25.84	\$44.96		
591652	Orange Rock	\$7.02	\$25.84	\$44.96		
591653	Red Flint	\$7.02	\$25.84	\$44.96		
591654	Brown Rock	\$7.02	\$25.84	\$44.96		
591680	Green Tea	\$7.02	\$25.84	\$44.96		
591682	Cherry Shake	\$7.02	\$25.84	\$44.96		
591683-D	Fossil Dark	\$7.02	\$25.84	\$44.96		
591683-M	Fossil Medium	\$7.02	\$25.84	\$44.96		
591685	Hawaiian Clay	\$7.02	\$25.84	\$44.96		
591803	Silver #3	\$6.26	\$42.56	\$63.04		

EFFETRE/MORETTI SOFT GLASS RODS OPAL COLORS, 13-14" LENGTHS					
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND	
56504	White	\$2.50	\$8.48	\$12.64	
56508	Yellow	\$2.50	\$8.48	\$12.64	
56516	Nile Green	\$2.50	\$8.48	\$12.64	
56520	Grass Green	\$2.50	\$8.48	\$12.64	
56524	Sky Blue	\$2.50	\$8.48	\$12.64	
56525	Dark Sky Blue Opalino	\$1.12	\$7.28	\$11.20	
56528	Periwinkle	\$2.50	\$8.48	\$12.64	
56532	Rose	\$3.76	\$12.72	\$18.88	

EFFETRE/MORETTI SOFT GLASS AVENTURINE COLORS, 13-14" LENGTHS					
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND	
59916	Goldstone Aventurine	\$9.12	\$34.96	\$52.48	
59920	Blue Aventurine	\$10.12	\$38.88	\$58.32	

EFFETRE (MORETTI) COLOR ROD

EFFETRE/MORETTI SOFT GLASS STRINGERS (2-3 MILLIMETER), 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
591004-02	Clear	\$2.32	\$7.92	\$11.68
591026-02	Teal Light	\$2.32	\$7.92	\$11.68
591036-02	Dark Aqua	\$2.32	\$7.92	\$11.68
591060-02	Cobalt Blue	\$2.32	\$7.92	\$11.68
591064-02	Black	\$2.32	\$7.92	\$11.68
591066-02	Intense Black	\$12.52	\$42.56	\$63.04
591204-02	White	\$2.86	\$9.76	\$14.40
591212-02	Pea Green	\$2.68	\$9.12	\$13.44
591218-02	Petroleum Green	\$2.68	\$9.12	\$13.44

EFFETRE/MORETTI SOFT GLASS STRINGERS (2-3 MILLIMETER), 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
591236-02	Dark Turquoise	\$2.68	\$9.12	\$13.44
591240-02	Medium Cobalt	\$3.04	\$10.32	\$15.36
591264-02	lvory	\$2.68	\$9.12	\$13.44
591276-02	Dark Ivory	\$2.68	\$9.12	\$13.44
591404-02	Light Lemon	\$3.04	\$10.32	\$15.36
591420-02	Coral La Mesa	\$3.04	\$10.32	\$15.36
591422-02	Orange	\$3.04	\$10.32	\$15.36
591436-02	Dark Red	\$3.04	\$10.32	\$15.36
591448-02	Dark Brown	\$3.04	\$10.32	\$15.36

• Filigrana rods have a colored center, with a clear outer coating

EFFETRE/MORETTI SOFT GLASS RODS FILIGRANA COLORS, 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
57204	Black Filigrana	\$7.16	\$24.32	\$36.00
57208	White Filigrana	\$7.16	\$24.32	\$36.00
57210	Periwinkle Filigrana	\$7.32	\$24.88	\$36.96
57211	Grass Green Filigrana	\$7.32	\$24.88	\$36.96
57212	Pink w/ White Core Filigrana	\$7.32	\$24.88	\$36.96
57214	Light Turquoise Filigrana	\$7.32	\$24.88	\$36.96
57215	Dark Sky Blue Green Filigrana	\$7.32	\$24.88	\$36.96
57216	Gold Aventurine Filigrana	\$9.92	\$33.68	\$49.92
57218	Petroleum Green Filigrana	\$7.32	\$24.88	\$36.96
57219	Pea Green Filigrana	\$7.32	\$24.88	\$36.96

EFFETRE/MORETTI SOFT GLASS RODS FILIGRANA COLORS, 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
57220	Blue Aventurine Filigrana	\$10.90	\$37.04	\$54.88
57224	Ruby / Red Filigrana	\$7.32	\$24.88	\$36.96
57228	Green w/ White Core Filigrana	\$7.16	\$24.32	\$36.00
57232	Aqua w/ White Core Filigrana	\$7.16	\$24.32	\$36.00
57236	Yellow Filigrana	\$7.32	\$24.88	\$36.96
57240	Purple Filigrana	\$7.16	\$24.32	\$36.00
57242	Lapis Filigrana	\$7.32	\$24.88	\$36.96
57244	Orange Filigrana	\$7.32	\$24.88	\$36.96
57248	Blue w/ White Core Filigrana	\$7.32	\$24.88	\$36.96

EFFETRE/MORETTI SOFT GLASS LARGE DIAMETER RODS, 13-14" LENGTHS				
PRODUCT #	COLOR	1/8 POUND	1/2 POUND	1 POUND
59004-8	Clear - 8-9mm	\$2.40	\$3.84	\$5.92
59004	Clear - 10 - 12mm	\$1.96	\$7.52	\$11.29
591006-10	Super Clear - 10-11mm	\$1.38	\$4.40	\$6.88
591006-13	Super Clear - 13-14mm	\$1.38	\$4.40	\$6.88

EFFETRE/MORETTI SOFT GLASS COLOR SAMPLE PACK				
PRODUCT #	DESCRIPTION	PRICE		
EFFETRETOP20	Consists of 1, 13" stick of our top 20 selling colors.	\$15.00		
EFFETRETOP41	Consists of 1, 13" stick of our top 41 selling colors.	\$39.00		
EFFETRETRANSPARENTSPACK	Consists of 1, 13" stick of 39 Transparent colors.	\$35.00		
EFFETREPASTELSPACK	Consists of 1, 13" stick of 25 Pastel colors.	\$59.99		

EFFETRE (MORETTI) COLOR FRIT

EFFETRE FRIT - 2 OZ					
PRODUCT #	PRODUCT # DESCRIPTION				
FES570004	FES570004 Clear Frit				
FES570008	\$4.50				
FES570012 Light Topaz Frit		\$4.50			
FES570014 Medium Topaz Frit		\$4.50			
FES570016	Dark Topaz Frit	\$4.50			
FES570020	Light Grass Green Frit	\$6.00			

EFFETRE FRIT - 2 OZ				
PRODUCT #	DESCRIPTION	PRICE		
FES570024	FES570024 Dark Grass Green Frit			
FES570028	FES570028 Light Emerald Green Frit			
FES570034 Aqua Light Frit		\$4.50		
FES570036	FES570036 Aqua Dark Frit			
FES570040	FES570040 Light Purple Frit			
FES570042	Medium Purple Frit	\$5.40		

E	EFFETRE FRIT - 2 OZ				
PRODUCT #	DESCRIPTION	PRICE			
FES570044	Dark Purple Frit	\$4.50			
FES570048 Grey Frit		\$4.50			
FES570056 Dark Blue Frit		\$4.50			
FES570060	FES570060 Cobalt Blue Frit				
FES570066	FES570066 Intense Black Frit				
FES570069	Electric Yellow Frit	\$4.50			

EFFETRE/MORETTI/MESSY COLOR

EFFETRE (MORETTI) COLOR FRIT

EFFETRE FRIT - 2 OZ				
PRODUCT #	DESCRIPTION	PRICE		
FES570076	Red Frit	\$5.40		
FES570204	White Frit	\$6.00		
FES570212	Pea Green Frit	\$5.40		
FES570220	Periwinkle Frit	\$4.50		
FES570228	Dark Sky Blue Frit	\$5.40		
FES570232	Light Turquoise Frit	\$6.00		
FES570236	Dark Turquoise Frit	\$4.50		
FES570240	Light Lapis Frit	\$6.00		
FES570246	Lapis Cobalt Frit	\$4.50		

EFFETRE FRIT - 2 OZ			
PRODUCT #	DESCRIPTION	PRICE	
FES570264	Ivory Frit	\$6.00	
FES570268	Grey Pearl Frit	\$4.50	
FES570272	Violet Frit	\$6.00	
FES570276	Ivory Dark Frit	\$6.00	
FES570404	Light Lemon Yellow Frit	\$4.50	
FES570408	Medium Lemon Yellow Frit	\$4.50	
FES570412	FES570412 Dark Yellow Frit		
FES570420	Coral Frit	\$4.50	
FES570422	Orange Frit	\$4.50	

E	EFFETRE FRIT - 2 OZ			
PRODUCT #	PRODUCT # DESCRIPTION F			
FES570424	Red Carrot Frit	\$4.50		
FES570428	Light Red Frit	\$4.50		
FES570432	Medium Red Frit	\$6.00		
FES570436	Dark Red Frit	\$4.50		
FES570448	Dark Brown Frit	\$4.50		
FES570456	Gold Pink Frit	\$9.00		
FES570916	Aventurine Gold Frit	\$10.00		
FES570920	Aventurine Blue Frit	\$12.25		

MESSY COLOR BY CREATION IS MESSY

- Messy Color color rod is subject to quantity price breaks. For each color ordered there are price discounts at half & full pound quantities. In addition, if you order combined quantities of 5 pounds in at least 1/4 pound increments you will receive additional price discounts. Minimum order quantity for Messy is 1/8 lb. per color.
- 5-9 pounds 20% discount 10-24 pounds 25% discount –
 Over 25 pounds is a 30% discount
- This cannot be combined with other discounts.
- Coefficient of expansion is 104 not compatible with borosilicate. All Messy Color 12-13" Lengths.

	MESSY COLOR BY CREATION IS MESSY				
PRODUCT #	COLOR	1/4 POUND	1/2 POUND	1 POUND	
511101	Maraschino	\$13.76	\$25.20	\$45.92	
511106	Firecracker Ltd Run	\$13.20	\$24.16	\$44.00	
511109	Bordello - Ltd Run	\$13.20	\$24.16	\$44.00	
511113	Rudolph Ltd Run	\$14.04	\$25.76	\$46.88	
511114	Heartthrob Ltd Run	\$8.96	\$16.40	\$29.92	
511116	Mahogany Ltd Run	\$9.88	\$18.08	\$32.96	
511117	Cinnamon Jelly Ltd Run	\$9.24	\$16.96	\$30.88	
511119	Red Alert	\$18.56	\$34.00	\$61.92	
511123	Hemoglobin Ltd Run	\$4.48	\$8.16	\$14.88	
511128	Sangre	\$5.36	\$9.84	\$17.92	
511203	Pimento	\$14.96	\$27.44	\$49.92	
511209	Alley Cat Ltd. Run	\$5.36	\$9.84	\$17.92	
511210	Sunset	\$12.00	\$22.00	\$40.00	
511211	Orange Crush	\$7.20	\$13.20	\$24.00	
511217	Harvest Ltd. Run	\$6.16	\$11.52	\$21.44	
511219	Watermelon	\$18.24	\$33.44	\$60.80	
511229	Clockwork	\$5.36	\$9.84	\$17.92	
511241	Creamsicle	\$5.36	\$9.84	\$17.92	
511277	Phoenix	\$8.68	\$15.92	\$28.96	
511308	Ocher	\$12.56	\$23.04	\$41.92	
511309	Chamomile	\$8.04	\$14.72	\$26.88	
511311	Pollen	\$8.04	\$14.72	\$26.88	
511314	Cornsilk Ltd. Run	\$11.04	\$20.64	\$38.40	
511315	Buttermilk Ltd. Run	\$7.64	\$14.32	\$26.56	
511316	Banana Cream Ltd. Run	\$5.84	\$10.72	\$20.64	

	MESSY COLOR BY CREATION IS MESSY				
PRODUCT #	COLOR	1/4 POUND	1/2 POUND	1 POUND	
511318	Lemonade	\$13.80	\$26.45	\$46.00	
511319	Egg White Ltd. Run	\$10.00	\$18.32	\$33.28	
511321	Summer Haze	\$10.96	\$20.08	\$36.48	
511322	Candlelight	\$10.96	\$20.08	\$36.48	
511346	Ghee	\$8.96	\$16.40	\$29.92	
511402	Celadon	\$8.40	\$15.36	\$28.00	
511425	Mint Chip	\$11.08	\$20.32	\$36.96	
511427	Tabby Grey	\$15.76	\$28.88	\$52.48	
511430	Elphaba	\$4.80	\$8.80	\$16.00	
511431	50's Kitchen	\$7.48	\$13.68	\$24.96	
511432	Loch Ness	\$8.04	\$14.72	\$26.88	
511433	Limelight	\$10.80	\$19.76	\$36.00	
511434	Eucalyptus	\$18.28	\$33.52	\$60.96	
511435	Ogre	\$18.28	\$33.52	\$60.96	
511436	Leaf Men	\$11.64	\$21.36	\$38.88	
511437	Primavera	\$14.04	\$25.76	\$46.88	
511439	Musk	\$9.60	\$17.60	\$32.00	
511440	Pistachio Ice Cream	\$10.44	\$19.12	\$34.88	
511442	Prairie Grass Ltd. Run	\$7.60	\$14.16	\$26.40	
511446	Blarney Stone Ltd. Run	\$7.76	\$14.48	\$27.04	
511447	Elf Ltd. Run	\$11.08	\$20.72	\$38.56	
511449	Kryptonite	\$7.20	\$13.20	\$24.00	
511452	Peat Moss Ltd. Run	\$9.24	\$17.28	\$32.16	
511453	Peridot Ltd. Run	\$8.96	\$16.40	\$29.92	
511454	Refresh Ltd Run	\$10.44	\$19.12	\$34.88	

MESSY COLOR BY CREATION IS MESSY

	MESSY	COLOR BY	CREATION	I IS MESSY	,
PRODUCT #		COLOR	1/4 POUND	1/2 POUND	1 POUND
511455	Trol	l Ltd. Run	\$9.32	\$17.44	\$32.48
511456	Eel Gr	ass Ltd. Run	\$7.92	\$14.80	\$27.52
511458	Apple	Pie Ltd. Run	\$7.92	\$14.80	\$27.52
511459	Junip	er Ltd. Run	\$8.68	\$16.24	\$30.24
511460	· ·	ower Ltd. Run	\$7.76	\$14.48	\$27.04
511462	Chrysi	alis Ltd. Run	\$7.12	\$13.28	\$24.80
511463	_	n Ltd. Run	\$10.72	\$20.00	\$37.28
511464	Camoul	lage Ltd. Run	\$8.88	\$16.64	\$30.88
511466		oian Ltd. Run	\$11.44	\$21.44	\$39.84
511467		Willow Ltd. Run	\$4.84	\$8.88	\$16.16
511468	1 0	Aiko	\$6.96	\$12.96	\$24.16
511469		Вауои	\$6.48	\$12.08	\$22.56
511470		Eden	\$6.96	\$12.96	\$24.16
511471	W	neatgrass	\$8.36	\$15.60	\$29.12
511472		Mantis	\$8.36	\$15.60	\$29.12
511473		Parrot Ltd. Run	\$6.52	\$12.00	\$21.76
511475		mmando	\$6.56	\$12.00	\$21.92
511477		igar Ltd. Run	\$6.52	\$12.00	\$21.76
511478	_	- Ltd Run	\$3.00	\$6.00	\$12.00
511482		Mojito	\$6.56	\$12.00	\$21.92
511487		son Apple	\$7.48	\$13.68	\$24.96
511488		rmint Cream	\$10.48	\$19.60	\$36.48
511497		ppletini	\$9.24	\$16.96	\$30.40
511502		ght Ltd. Run	\$9.92	\$18.56	\$30.00
511508		aky Pen	\$9.24	\$16.96	\$30.88
511509		oseidon	\$8.04	\$10.70	\$26.88
511519		Glacier	\$10.44	\$14.72	\$34.88
511529		Frost	\$6.56	\$17.12	\$21.92
511531			\$7.76	\$12.00	\$25.92
511534		Lapis	\$7.76	\$14.24	\$24.00
		legean	\$10.80	\$13.20	\$36.00
511536	M	oonlight	+		
511538	la	Slate	\$9.60	\$17.60	\$32.00
511539	-	t Stream	\$8.40	\$15.36	\$28.00
511541		Denim .	\$15.76	\$19.28	\$35.04
511543		e Transparent zal Ltd. Run	\$6.28	\$11.52	\$20.96
511546			\$10.72	\$20.00	\$37.28
511547	-	ric Avenue	\$6.28	\$11.52	\$20.96
511555	Sacre I	Bleu Ltd. Run	\$10.00	\$18.64	\$34.72
511558		Troi	\$10.72	\$20.00	\$37.28
511559		erulean	\$8.36	\$15.60	\$29.12
511563		Pulsar	\$5.64	\$10.32	\$18.88
511568		remen	\$6.28	\$11.52	\$20.96
511569		Smurfy	\$6.00	\$10.96	\$20.00
511586		\ermaid	\$9.24	\$16.96	\$30.88
511610		rk Velvet	\$19.20	\$35.20	\$64.00
511613	i e	Gypsy	\$19.20	\$35.20	\$64.00
511616	Coro	nation Day	\$8.96	\$16.40	\$29.92

	MESSY COLOR BY	CREATION	I IS MESSY	,
PRODUCT #	COLOR	1/4 POUND	1/2 POUND	1 POUND
511618	Simply Berry	\$17.36	\$31.84	\$57.92
511619	Boysenberry	\$14.68	\$26.88	\$48.96
511620	Aladdin	\$14.68	\$26.88	\$48.96
511621	Emperor	\$32.68	\$59.92	\$108.96
511622	Byzantium	\$14.04	\$25.76	\$46.88
511623	Cleopatra	\$8.40	\$15.36	\$28.00
511624	African Violet	\$8.96	\$16.40	\$29.92
511626	Enchanted Ltd. Run	\$24.00	\$44.88	\$83.52
511629	Amethyst	\$4.56	\$8.56	\$15.84
511630	Your Majesty Ltd. Run	\$12.36	\$22.64	\$41.28
511632	Thai Orchid	\$7.76	\$14.24	\$25.92
511645	Heffalump	\$20.96	\$38.40	\$69.92
511654	Grape Ape	\$6.28	\$11.52	\$20.96
511655	Eggplant	\$6.84	\$12.56	\$22.88
511660	Crocus	\$20.04	\$36.72	\$66.88
511661	Evil Queen	\$18.00	\$32.96	\$60.00
511667	Poi	\$6.28	\$11.52	\$20.96
511701	Ginger	\$13.48	\$24.72	\$44.96
511709	Truffle	\$7.52	\$13.84	\$25.12
511718	Indian Summer	\$23.36	\$42.80	\$77.92
511719	Moccasin	\$18.84	\$34.56	\$62.88
511721	Ceylon	\$8.40	\$15.36	\$28.00
511722	Canyon de Chelly	\$15.60	\$28.56	\$52.00
511725	Toto	\$11.36	\$20.80	\$37.92
511726	Safari Ltd. Run	\$19.56	\$36.56	\$68.00
511727	Van Dyke Brown Ltd. Run	\$14.48	\$27.04	\$50.40
511728	Canoe Ltd. Run	\$17.56	\$32.80	\$61.12
511729	Serengeti Ltd. Run	\$13.56	\$25.36	\$47.20
511742	Sepia - Ltd Run	\$6.84	\$12.56	\$22.88
511765	Chai	\$14.68	\$26.88	\$48.96
511788	Mink - Ltd Run	\$8.96	\$16.40	\$29.92
511812	Jupiter Storm	\$10.80	\$19.76	\$36.00
511814	Frozen	\$8.04	\$14.72	\$26.88
511816	Nimbus	\$8.04	\$14.72	\$26.88
511817	Foam	\$8.04	\$14.72	\$26.88
511818	Dirty Laundry	\$7.48	\$13.68	\$24.96
511820	Hades	\$11.36	\$20.80	\$37.92
511823	Koala Ltd. Run	\$12.92	\$24.16	\$44.96
511824	Pachyderm Ltd. Run	\$14.84	\$27.76	\$51.68
511821	Ести	\$10.16	\$18.64	\$33.92
511823	Koala Ltd Run	\$10.44	\$19.12	\$34.88
511827	Tahitian Pearl	\$12.48	\$23.28	\$43.36
511828	Porpoise	\$9.68	\$18.08	\$33.60
511830	Unicorn	\$5.44	\$9.92	\$18.08
511832	Cotton	\$7.20	\$13.20	\$24.00
511834	Clear 2-3mm	\$6.84	\$12.56	\$22.88
511834-04	Clear 4-6mm	\$5.36	\$9.84	\$17.92



MESSY COLOR/DOUBLE HELIX

MESSY COLOR BY CREATION IS MESSY

MESSY COLOR BY CREATION IS MESSY				
PRODUCT #	COLOR	1/4 POUND	1/2 POUND	1 POUND
511834-06	Clear 6-8mm	\$5.36	\$9.84	\$17.92
511834-08	Clear 8-10mm	\$5.36	\$9.84	\$17.92
511835	Peace	\$4.16	\$7.60	\$13.92
511843-01	Clear 1-2mm	\$8.40	\$15.36	\$28.00
511859	Marshmallow	\$6.00	\$10.96	\$20.00
511872	Tuxedo	\$5.36	\$9.84	\$17.92
511874	Adamantium	\$9.24	\$16.96	\$30.88
511902	Primrose	\$25.48	\$46.72	\$84.96
511903	Whisper	\$10.16	\$18.64	\$33.92
511904	Gelly's Sty	\$26.96	\$49.44	\$89.92
511908	Tutu	\$25.48	\$46.72	\$84.96
511910	Paris	\$22.44	\$41.12	\$74.88
511911	Venus Ltd. Run	\$23.72	\$44.32	\$82.56
511912	Lilac Ltd. Run	\$31.76	\$59.36	\$110.40
511926	Cranberry Pink	\$26.40	\$48.40	\$88.00
511957	Desert Pink	\$21.60	\$39.60	\$72.00
543218	Goldfish	\$3.32	\$6.08	\$11.04
543220	Circus Tent	\$21.00	\$38.48	\$70.08
543320	Lemongrass	\$10.96	\$20.08	\$36.64
543324	Ra	\$8.40	\$15.44	\$28.00
543325	Pachamama	\$21.00	\$38.48	\$70.08
543489	Witches' Brew	\$7.20	\$13.20	\$24.00
543490	Lovebirds	\$7.20	\$13.20	\$24.00
543491	Avonlea	\$7.20	\$13.20	\$24.00
543494	Nymph	\$7.28	\$13.36	\$24.32

	MESSY COLOR BY	CREATION	I IS MESSY	
PRODUCT #	COLOR	1/4 POUND	1/2 POUND	1 POUND
543495	Persian Green	\$7.28	\$13.36	\$24.32
543498	Lady of the Lake	\$15.12	\$27.68	\$50.40
543564	Adriatic	\$7.20	\$13.20	\$24.00
543566	Ice Mint	\$9.80	\$17.92	\$32.64
543567	Toothpaste	\$9.80	\$17.92	\$32.64
543572	Andrew	\$8.40	\$15.44	\$28.00
543573	Goddess	\$8.40	\$15.44	\$28.00
543574	Paradise	\$8.40	\$15.44	\$28.00
543575	Surf's Up Ltd. Run	\$8.40	\$15.44	\$28.00
543578	Lunar	\$8.40	\$15.44	\$28.00
543579	Montezuma	\$14.24	\$26.16	\$47.52
543633	Blueberry Muffin	\$5.60	\$10.32	\$18.72
543731	Chocolate	\$18.20	\$33.44	\$60.80
543829	London Fog	\$5.40	\$9.92	\$18.08
543831	Swan Ltd. Run	\$7.20	\$13.20	\$24.00
543833	Onyx	\$7.20	\$13.20	\$24.00
543918	Ballerina	\$38.32	\$70.24	\$127.68
543919	Peony	\$38.32	\$70.24	\$127.68
543922	Heather	\$19.68	\$36.08	\$65.60

MESSY COLOR SAMPLE PACK				
PRODUCT #	DESCRIPTION	PRICE		
MESSYSAMPLE20	The Messy Color Top 20 Sample Pack consists of 1 stick of 20 of the most popular Messy colors. This is an excellent way to try the most popular Messy Colors and find your favorites!	\$29.99		



DOUBLE HELIX COLOR ROD (C.O.E. 104)

• (To view colors see color chart in beginning of catalog)

	DOUBLE HELIX COLOR ROD (C.O.E. 104)				
PRODUCT #	COLOR	1 OUNCE	1/4 POUND	1/2 POUND	1 POUND
DH03	Psyche	\$5.20	\$15.00	\$30.00	\$60.00
DHO4	Elektra 2.1	\$5.20	\$15.00	\$30.00	\$60.00
DH08	Aion 2	\$5.20	\$15.00	\$30.00	\$60.00
DH10	Triton	\$6.50	\$20.00	\$40.00	\$80.00
DH12	Aurae	\$6.50	\$20.00	\$40.00	\$80.00
DH13	Ekho	\$6.50	\$20.00	\$40.00	\$80.00
DH14	Clio	\$8.12	\$25.00	\$50.00	\$100.00
DH17	Kalypso	\$8.12	\$25.00	\$50.00	\$100.00
DH18	Helios	\$8.12	\$25.00	\$50.00	\$100.00
DH19-3mm	Zephyr 3mm	\$4.05	\$12.50	\$25.00	\$50.00
DH19-5mm	Zephyr 5mm	\$3.25	\$10.00	\$20.00	\$40.00
DH19-8mm	Zephyr 8mm	\$3.25	\$10.00	\$20.00	\$40.00
DH20	Notos	\$7.18	\$25.00	\$50.00	\$100.00
DH22	Oxalis	\$7.18	\$25.00	\$50.00	\$100.00
DH23	Okeanos	\$5.75	\$20.00	\$40.00	\$80.00
DH24	Ossa	\$5.75	\$20.00	\$40.00	\$80.00
DH25	Euros	\$3.12	\$12.50	\$25.00	\$50.00

[DOUBLE HELIX COLOR ROD (C.O.E. 104)				
PRODUCT #	COLOR	1 OUNCE	1/4 POUND	1/2 POUND	1 POUND
DH27	Arke	\$5.75	\$20.00	\$40.00	\$80.00
DH28	Iris	\$8.12	\$25.00	\$50.00	\$100.00
DH29	laso	\$8.12	\$25.00	\$50.00	\$100.00
DH30	Hyperion	\$8.12	\$25.00	\$50.00	\$100.00
DH31	Melia	\$8.12	\$25.00	\$50.00	\$100.00
DH32	Chloe	\$5.75	\$20.00	\$40.00	\$80.00
DH35	Skylla	\$8.12	\$25.00	\$50.00	\$100.00
DH36	Rhea	\$9.38	\$30.00	\$60.00	\$120.00
DH37	Keto	\$6.25	\$20.00	\$40.00	\$80.00
DH38	Skiron	\$7.81	\$25.00	\$50.00	\$100.00
DH39	Oracle-Black	\$3.53	\$11.28	\$22.56	\$45.12
DH40	Phoebe	\$6.25	\$20.00	\$40.00	\$80.00
DH41	Lotis	\$9.38	\$30.00	\$60.00	\$120.00
DH42	Oracle-White	\$2.35	\$7.52	\$15.04	\$30.08
DH43	Phaeton	\$7.81	\$25.00	\$50.00	\$100.00
DH44	Atlas	\$7.81	\$25.00	\$50.00	\$100.00
DH45	Elpis	\$7.81	\$25.00	\$50.00	\$100.00



TORCH ACCES

	FOOT PEDALS				
IMAGE	PRODUCT#	DESCRIPTION	PRICE		
	E71	Griffin Rock It Single Stage Foot Pedal - The Rock-It is constructed with top quality, high volume valves. You can expect years of trouble free usage with the new long lasting valves. The pedal is non-electric, opening and closing the gas valves is a technically sound operation. The Rock-It has a maintain switch. The maintain switch will keep the outer fire on until switch is depressed a second time allowing freedom of movement. The low profile design ensures ease of use and supports appropriate posture. As a safety feature the gas lines are located 4 inches from the floor. The Rock-It is compatible with all 2 stage and 4 prong torches. The Rock-It is warranted for 1 year. *Not Recommended for use with Pre Mix Torches due to a high number of flashbacks. Flashback Arrestors mounted behind the torch can alleviate this concern. Gas Savers will also reduce flashbacks.	\$440.00		
	E105	Rock It Foot Pedal With Oxygen Bypass - Is a non-electric on/off control for the outer fire of any two stage four inlet torch. The Bypass Valve allows a metered amount of oxygen to flow through the outer fire ring to achieve a more penetrating inside fire while the pedal is in the off position. The valve can also be closed to allow the pedal to operate normally. Another added benefit of running a bypass is the cooling properties of the oxygen on the torch body itself. *Not Recommended for use with Pre Mix Torches due to a high number of flashbacks. Flashback Arrestors mounted behind the torch can alleviate this concern. Gas Savers will also reduce flashbacks.	\$480.00		
	E108	Griffin Rock It Two Stage Foot Pedal - This two stage foot pedal is designed for use with any three stage torch. Its function is to open and close the preset middle and outer fire separately. The Rock-It is compatible with the Delta Mag, Cobra, and Python torches. *Not Recommended for use with Pre Mix Torches due to a high number of flashbacks. Flashback Arrestors mounted behind the torch can alleviate this concern. Gas Savers will also reduce flashbacks.	\$760.00		
Ented Total (IN UN OFF OFF	EQ106	Two Stage Rock It Foot Pedal With Oxygen Bypass - This two stage foot pedal is designed for use with any three stage torch. It's function is to open and close the preset middle and outer fire separately. The oxygen bypass allows a metered amount of oxygen to flow through the second stage of the torch, enriching the inside fire with oxygen. This creates a deeper blue center fire which is better flame atmosphere for working with silverbased and crayon colors. The bypass valve is adjustable at the foot petal and can be completely shut off.	\$805.00		
	EQ301	Griffin Turbo Switch Foot Pedal - The Griffin Glass Turbo Switch Foot Pedal Can be used on GTT, Carlisle and all other two stage torches. The foot pedal features a maintain switch which when depressed will ignite the outer fire. The Turbo Switch is ideal for rapid on/off operation.	\$410.00		
Þ.	EQ180	Das Pedal for Herbert Arnold Zenit - The Das Pedal is designed for use with a properly tuned Herbert Arnold Zenit 40mm, 50mm or 65mm. This manual foot pedal will deliver a new level of torch optimization. The durable aluminum construction allows you to scroll through the entire range of flames stopping anywhere you choose.	\$850.00		

GRIFFIN

TORCH MOUNTED GRAPHITE PADS				
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	E59	Torch Marver (non L) - for Minor and Mega Minor - Premium Torch Mounted Graphite Pad - For the Minor and Mega Minor This is a flat pad of premium, high quality graphite with a stainless steel raised lip at the back of the pad. Pad size is 3" x 2" x 3/4".	\$25.00	
₩.	E60	Premium L Shaped Torch Mounted Graphite Pad — For Carlisle CC or Bethlehem PM2D torches. This is an L shaped pad made from premium, high quality graphite, it has two plates. The lower plate is 3" x 3" x 7/8" thick with a vertical back plate of 3" x 1" x 7/8" thick.	\$50.00	
	E61	Premium L Shaped Torch Mounted Graphite Pad — For Mirage or Delta torches. This is an L shaped pad made from premium, high quality graphite, it has two plates. The lower plate is 3" x 3" x 7/8" thick with a vertical back plate of 3" x 1" x 7/8" thick.	\$50.00	





GRIFFIN

		TORCH MOUNTED GRAPHITE PADS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
4	E74	Premium Torch Mounted Graphite Pad — For Carlisle CC and Bethelehem Bravo and Barracuda Torches. Graphite block with lip measures 3"x 2"x 3/4 inches thick attaches directly to the top of your torch for marvering without picking up your graphite paddle.	\$25.00
	E76	Premium L Shaped Torch Marver — For GTT Bobcat, Lynx, Phantom and Cricket torches. 2" x 3" bottom graphite plate, 1.25" tall back plate. "L" shape allows for marvering rounded objects up to 3 inches in diameter with two contact surfaces, making marvering operations more efficient. Made with the highest grade graphite available.	\$50.00
	E62	Premium Non L Shaped Marver — For GTT Bobcat, Lynx, Phantom, or Cricket Torches. This is a flat pad of premium, high quality graphite with a stainless steel raised lip at the back of the pad. Pad size is $2'' \times 3'' \times 3'''$.	\$25.00
· North	E77	Premium L Shaped Torch Mounted Graphite Pad — Fits Mid Range Plus, Major and & Red Max Marver. 3 inch x 3 inch bottom graphite plate, 3 inch x 3 inch tall back plate. "L" shape allows for marvering rounded objects up to 3 inches in diameter with two contact surfaces, making marvering operations more efficient. Made with the highest grade graphite available for a smooth surface.	\$50.00
0.0	E63	Premium Torch Mounted Graphite Pad — <u>For Red Max or Major Torches.</u> This is a flat pad of premium, high quality graphite with a stainless steel raised lip at the back of the pad. Pad size is 3" x 3".	\$25.00
	E92	Torch Marver L Shaped — <u>For Mini CC.</u> Graphite torch mounted marver fits the Mini CC.	\$50.00
	E97	Torch Marver L Shaped — <u>For Nortel Red Rocket.</u> Graphite torch mounted marver fits the Nortel Red Rocket. 3" x 3" x 3/4".	\$50.00
	E117	Torch Marver Non L — <u>For Bethlehem Bravo.</u> Graphite block measures 2"x 3"x 3/4 inches thick and attaches directly to the top of your torch for marvering, without picking up your graphite paddle. Because this marver is on top of your torch, it stays warm and makes for a great place to keep your millifiore pre-heated.	\$25.00
	E118	Torch Marver L Shaped — For Bethlehem Bravo. Torch mounted graphite "L" shaped marver fits Carlisle CC and Bethlehem Barracuda torches. $3'' \times 3''$ bottom graphite plate and a $3'' \times 2.25''$ inch tall back, $3/4''$ all around. "L" shape allows for marvering rounded objects up to $3''$ in diameter with two contact surfaces, making the marvering operations more efficient. Made with the highest grade graphite available for a smooth surface.	\$50.00



GRIFFIN

TORCH MOUNTED GRAPHITE PADS				
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	E119	Torch Marver Non L — <u>For Bethlehem Alpha.</u> Graphite block measures 2"x 3"x 3/4 inches thick and attaches directly to the top of your torch for marvering, without picking up your graphite paddle. Because this marver is on top of your torch, it stays warm and makes for a great place to keep your millifiore pre-heated.	\$25.00	
	E122	Torch Marver L Shaped — <u>For Carlisle CC+</u> . Torch mounted graphite "L" shaped marver fits Carlisle CC+. Made with the highest grade graphite available for a smooth surface.	\$50.00	
	E123	Torch Marver L Shaped — <u>For Bethlehem Alpha.</u> Torch mounted graphite "L" shaped marver fits the Bethlehem Alpha torch. It has a 2.25" bottom plate and a 1.5" exposed back plate of graphite. The "L" shape allows for marvering rounded objects up to 2.25" in diameter with two contact surfaces, making the marvering operations more efficient. Made with the highest grade graphite available for a smooth surface.	\$50.00	
	E126	Griffin Torch Marver (L Shaped) — <u>For Champion.</u> Graphite "L" shaped marver fits the Bethlehem Champion torch. Featuring a 3" x 3" bottom graphite plate, and a 3" x 3" tall back plate. All Griffin marvers are made with high quality isostatic graphite and are brought to a fine polish.	\$50.00	
	E128	Griffin Torch Marver (L Shaped) — <u>For Herbert Arnold Torches.</u> L shaped graphite marver for Herbert Arnold torches. Bottom graphite plate is 3" x 3" with 3" x 3" back plate.	\$50.00	
	EQ322	Griffin Torch Marver (L Shape) for Nortel Minor Bench Burner — This torch mounted graphite "L" shaped marver fits the Nortel Minor Bench Burner. The bottom block measures 2" x 3" and the back plate measures 2" tall. Made with the highest grade graphite available for a smooth surface.	\$52.50	
	EQ323	Griffin Torch Marver (L Shape) for Bethlehem STACKS - Same as above except this torch mounted graphite "L" shaped marver fits the Bethlehem STACKS.	\$52.50	



TORCH ACCESSORIES



HEAT DEFENSE IR/UV SHIELDS

	TORCH MOUNTED DEFENSE SHIELD				
IMAGE	PRODUCT#	DESCRIPTION	PRICE		
	E70	Small Bracket Economy IR/UV Defense Shield — PLEASE NOTE: This is for Griffin non-L marvers and L marvers with 1 1/2 inch graphite height on the back of the marver. This defense shield is a perfect addition to the Griffin torch mounted marvers - available seperately. The shield is designed to help protect one from IR and UV rays. It is a 4" by 6" sheet of borosilicate glass with an IR/UV coating applied to it. It is attached to the Griffin marver on the bottom by screwing it into the two predrilled pilot holes. It doesn't get much easier, safer and economical!	\$58.08		
	E69	Large Bracket Economy IR/UV Defense Shield — PLEASE NOTE: This is for Griffin L marvers with 2 1/2 inch graphite height on the back of the marver.	\$58.08		



BLAST SHIELD

BLAST SHIELD TORCH MOUNTED GRAP	HITE MARVERS AND HEAT SHIELDS
MADE IN THE USA	Torch mounted marver and heat shield combination. The products listed include a 2.5" x 3" torch mounted marver on the bottom with a 1 1/2" raised graphite lip at back and a 4" x 6" borosilicate heat shield. Many custom options are available for this product as listed below. Other options, not listed, include bottom mount marvers, lathe mounts and V tool add ons. All Blast Shield products come with a 1 year warranty and 30 day money back guarantee. Please call us for more details.
DESCRIPTION	PRICE
Torch mounted marver and heat shield combination for the following torches. ALL CARLISLE (except the MINI CC and CC+ without cooling ring) ALL GTT, BETHLEHEM (except for the MINNOW and BETA), ALL GTT MODELS, HERBERT ARNOLD 50M AND 40M, NORTEL RED MAX AND MAJOR MINOR, KNIGHT BULLET AND NATIONAL 8M	\$145.00
Torch mounted marver and heat shield combination for the following torches. CARLISLE MINI CC, NORTEL MINOR AND MEGA MINOR	\$70.00

	BLAST SHIELD ADD ON OPTIONS				
PRODUCT#	DESCRIPTION	PRICE			
BS05X6	5 inch by 6 inch Shield — Blast Shields come standard with a 4 inch wide by 6 inch tall shield. By selecting this option you are opting to have a 5 inch by 6 inch shield. No additional charge.	\$0.00			
BS06X6	6 inch by 6 inch Shield — Same as above. No additional charge.	\$0.00			
BSODC	Dual Glass Channel — Add your own welders shade or other glass behind the Blast Shield for added protection. WARNING - The glass that you add may not be heat rated and may crack. Blast Shield and/or Mountain Glass is not responsible if this should occur.	\$20.00			
BSOUV	The High Heat UV Shield is 5mm glass rated at 1,800 degrees and will hold up to the heat and abuse coming from your torch. It blocks the burn rays that turn your face red (UV). The shield comes in 4"x6", 5"x6" or 6"x6" widths. You can choose the size you want at no extra cost.*Note* There is a slight 'orange peel' look to this shield.	\$25.00			





	BLAST SHIELD ADD ON OPTIONS				
PRODUCT#	DESCRIPTION	PRICE			
BSOIR/UV	The High Heat IR/UV Shield is 5mm glass rated at 1,800 degrees and will hold up to the heat and abuse coming from your torch. It blocks the burn rays that turn your face red (UV). The shield comes in 4"x6", 5"x6" or 6"x6" widths. You can choose the size you want at no extra cost. *Note* There is a slight 'orange peel' look to this shield.	\$45.00			
BSOLM	Custom Sized L-Marver — Customize the marver to any size you want. Large or small, we will do as you request. Just make sure the size you want doesn't cover the end of your torch	\$25.00			
BSOQR	Quick Release Shield Pocket — Add this option if you ever think that you may not need the shield. This allows for quick removal and reattachment of the enitre shield assembly. Never mess with the thumb screws again.	\$15.00			
BSOSE	Shield Extension — If you are taller or you stand behind your torch the Shield Extension will bring the shield up closer to your face so that you can put the protection where you need it.	\$20.00			



USA —	FLASHB	ACKS - REGULATORS - HOSES - QUICK CONNECTS - CLAMPS - ETC.	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	E15	Oxygen and Fuel Gas Flashback Arrestors — Be safe! Flashbacks mount on the outbound side of your regulators and prevent a flame from ever traveling back into your tanks. Remember, an internally broken surface mix torch can still cause a flashback! Set of two.	\$70.66
	E78	Single Oxygen Flashback Arrestor	\$35.55
	E79	Single Fuel Gas Flashback Arrestor	\$35.55
The Man	E29	Torch Mount Quick Connects — These connectors are handy to use if you would like to quickly switch the torches you use at your station. Also great for having a friend or instructor visit with their torch. All torches must have a set however for this to work. These are a semi-permanent installation (they can be unscrewed again if needed) so in order to interchange torches/hoses the end of each item must have a fitting installed. Build in demand valve opens when positive connection is made and closes off flow when disconnected. Fits all "B" size fittings.	\$65.90
~ ~	E141	Hose to Hose Style Quick Connects — Same as above.	\$69.36
	E142	Regulator to Hose Style Quick Connects — Same as above.	\$69.36
0	E16	Oxygen Regulator — Single Stage, Dual Gauge - High Quality At A Great Price.	\$84.99
	E17	Fuel Gas Regulator — Single Stage, Dual Gauge - High Quality At A Great Price.	\$84.99
	EQ10	Oxygen Regulator - Heavy Duty - 2 Stage — We feel these are the Highest Quality 2 Stage Regulators on the market. The heavy duty regulator by Smith Equipment is designed to last and made in the USA! Drop cylinder pressure to working pressure in two stages for consistent and accurate outlet pressure and flow regardless of inlet pressure. Recommended where outlet pressure and flow must be maintained without variation. Series 30 regulators from Smith represent the latest in extreme dependability, accuracy and durability in gas regulation. Features: Dependable High Pressure Seat - Sure-Seat technology block debris from entering the high pressure seat for a positive gas tight seal time after time. A copper-nickel filter encases the high pressure seat, protecting it from debris, allowing many years of dependable performanceImproved Diaphragm - constructed of durable reinforced, laminated Neoprene -Polycarbonate shatter resistant gauge lenses -Auto reset safety relief valve -Extremely Accurate - accurate within +/- 2% of actual gauge reading for both pressure regulators and flowgaugesQuality - Industrial grade Series 30 regulators are made in the USA from high quality, corrosive resistant materials. Series 30 regulators are covered by a 3 year limited warrantyNew design features provide extreme accuracy, dependability and extended service life. UL listed -100% Tested & Inspected and is made in the USA!	\$209.00
	EQ11	Fuel Regulator - Heavy Duty - 2 Stage — Same as above except for fuel.	\$209.00





	FLASHB	ACKS - REGULATORS - HOSES - QUICK CONNECTS - CLAMPS - ETC.	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
5 P	EQ12	Smith Gas Saver - Propane/Oxygen — The Smith GASAVER can help you realize huge savings by eliminating wasted gas during torch start-up / shut-down and between flame applications. Also saves time by eliminating repeated torch adjustment. The GASAVER gives you a safe place to temporarily put your torch and is used by America's largest production plants. Torch flame is automatically extinguished when torch is not in use. Simply pass torch over pilot flame to re-light. Standard GASAVER equipped with Pilot Light for use with propane or natural gas at 2 PSI or more. GASAVERS can be installed in any convenient location on the line between regulators and torch. The closer the torch, the greater the savings in oxygen and acetylene	\$218.60
	EQ98	Inline Oxygen Regulator - Perfect for reducing pressure for smaller torches on multi torch systems with high output pressure at the tank. FEATURES: Compact size (1.23" diameter x 3.25" high) Machined bar stock body eliminates porosity found in castings. Very competitive pricing SPECIFICATIONS: Maximum inlet pressure: 400 PSIG. Outlet control pressure: 0-30 PSIG. Cv: 0.08 MATERIALS OF CONSTRUCTION: Body: SAE 360 Brass. Bonnet: 6061-T6 Aluminum/Gold Anodize. Diaphragm: Neoprene. Main valve seat: Neoprene. Inlet: 1/4" NPT. Outlet: "B" Size Hose Connection (Brass). Gauges: Brass Internals	\$59.95
	EQ99	Inline Fuel/Gas Regulator - Perfect for reducing pressure for smaller torches on multi torch systems with high output pressure at the tank. FEATURES: Compact size (1.23" diameter x 3.25" high). Machined bar stock body eliminates porosity found in castings. Very competitive pricing. SPECIFICATIONS: Maximum inlet pressure: 400 PSIG. Outlet control pressure: 0-30 PSIG. Cv: 0.08. MATERIALS OF CONSTRUCTION: Body: SAE 360 Brass. Bonnet: 6061-T6 Aluminum/Gold Anodize. Diaphragm: Neoprene. Main valve seat: Neoprene. Inlet: 1/4 FNPT. Outlet: "B" Size Hose Connection (Brass). Gauges: Brass Internals.	\$59.95

		MULTI TORCH CONNECTORS & OTHER HARDWARE	USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	E30	Oxygen Y Connector — Use one of these to split your hose line from one into two, B size fittings.	\$25.12
	E32	Fuel Gas Y Connector — Use one of these to split your hose line from one into two, B size fittings.	\$25.12
	E33	Y Connector For Oxygen With Closure Valves — For splitting one line into two, with precision shutoff valves. Standard "B" size fittings are compatible with almost all lampworking equipment. Designed only for the gas to flow from the single port to the double port, not in reverse.	\$36.90
	E39	Y Connector For Fuel Gas With Closure Valves - For splitting one line into two, with precision shutoff valves. Standard "B" size fittings are compatible with almost all lampworking equipment. Designed only for the gas to flow from the single port to the double port, not in reverse.	\$36.90
	E18	1/4" X 25 Feet Oxy/Fuel Heavy Duty Hose — T Grade welding hose w/B size fittings	\$35.95
	EQ102	1/4" Inner Diameter, 12.5 ft, Oxy/Fuel BB Fittings T Grade Hose — 12.5' Oxygen and Fuel 1/4" ID T-Grade Hose. This included 12.5 feet of both oxygen and fuel gas T-Grade hosing with a 1/4" inside diameter. The hose comes with B fittings on each end for easy attachment to threaded fittings.	\$21.95
	EQ103	1/4" Inner Diameter, 12.5 ft, Oxy/Fuel BB Fittings On One End T Grade Hose — Same as above. Hosing includes 2 hose clamps to attach to the barbed fittings.	\$19.95
	E20	3/8" X 25 Feet Oxy/Fuel Heavy Duty Hose — T Grade welding hose w/B size fittings. You may want to consider using this larger inner diameter hose for higher capacity/larger torches. Great for better flow on any torch. Also great for a "trunk" line to feed splitters.	\$54.95
	EQ104	3/8" Inner Diameter, 12.5 ft, Oxy/Fuel BB Fittings T Grade Hose — You may want to consider using this larger 3/8" inner diameter hose for higher capacity/larger torches. Both Nortel and Carlisle recommend this hosing for their larger torches. Also great for better flow on any torch. Standard "B" size fittings make this hose compatible with the standard 1/4" hose connections found on virtually all lampworking equipment. Also great as a "trunk" line to feed splitters with which to run multiple torches. This shorter length hose measures 12 1/2 feet.	\$34.95







USA —		MULTI TORCH CONNECTORS & OTHER HARDWARE	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	EQ44	Hose - 1 foot - Oxy & Fuel, 1/4" T Grade, (cut, no fittings)	\$1.50
	EQ46	Hose - 1 foot - Oxy & Fuel, 3/8" T Grade, (cut, no fittings)	\$2.00
	EQ100	Four Inlet to Two Inlet Assembly - Barbed Fittings - The Four Inlet to Two Inlet Hose Assembly Kit with Barbed Fittings allows for a 4 inlet torch to become a 2 inlet torch. The benefit of a 4 inlet torch is that it can be connected to a foot pedal. If no foot pedal is being used, this kit is perfect for making it easy to connect to the tanks/regulators.	\$69.99
	EQ101	Four Inlet to Two Inlet Assembly - B Fittings - The Four Inlet to Two Inlet Hose Assembly Kit with B Fittings allows for a 4 inlet torch to become a 2 inlet torch. The benefit of a 4 inlet torch is that it can be connected to a foot pedal. If no foot pedal is being used, this kit is perfect for making it easy to connect to the tanks/regulators.	\$74.99
1 1 14	E44	10 Way Wrench — The most versatile and reliable wrench available for the shop at a steal of a price! It comes with a wrench sizes in $1''$, $7/8''$, $7/16''$, $1/2''$, $9/16''$, $5/8''$, $11/8''$ and $11/16''$. This wrench is designed for use with tanks, regulators, hoses and much much more.	\$6.00
	EQ45	1/4" to 5/8" Hose Clamp — #4 Mini Hose Clamp Dimensions are: 1/4" - 5/8" (6mm - 16mm)	\$1.00
1	EQ108	T-Manifold for Fuel Tank — Allows two regulators to be hooked up to one tank. Having two regulators reduces fluctuation, and allows for a more even flow of fuel from the tank to the torch.	\$37.00
	EQ109	T-Manifold for Oxygen Tank — Allows two regulators to be hooked up to one tank. Having two regulators reduces fluctuation, and allows for a more even flow of oxygen from the tank to the torch.	\$24.99
•	EQ110	7 port Hex manifold — (for connecting multiple torches) will work for oxygen or fuel. If using for oxygen, part number EQ111 screws into the manifold. If using for fuel, part number EQ112 screws into manifold. These parts (EQ111 and EQ112) have pipe threads on one end and "B" size threads on the other. This allows a standard "B" size hose to be screwed to the manifold. In addition, if you are not using all of the ports you can use part number EQ118 as a cap.	\$39.99
	EQ111	Male to Male Fitting — (Pipe on one end & B Size Threads for Oxygen on the other) use w/Hex Manifold.	\$2.00
	EQ112	Male to Male Fitting — (Pipe on one end & B Size Threads for Fuel Gas on the other) use w/Hex Manifold.	\$2.00
	EQ118	1/4 inch male pipe threaded hex cap — (use to plug un-used ports on the Hex Manifold)	\$4.00
	EQ114	Male B to B Connector For Fuel Gas — Use this to connect two hose sets or other B size female fittings together	\$2.00
	EQ113	Male B to B Connector For Oxygen — Use this to connect two hose sets or other B size female fittings together	\$2.00





		MULTI TORCH CONNECTORS & OTHER HARDWARE	- USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	EQ115	Hex Nut for Oxygen Connection (use with Part # EQ117)	\$1.25
	EQ116	Hex Nut for Fuel Connection (use with Part # EQ117)	\$1.25
O Paris	EQ117	Barbed Nipple Connection (use with Part # EQ115 or EQ116)	\$1.25
-	EQ119	Ferrule For Crimping 1/4" Inside Diameter Hose - You do need a crimping tool to use this part.	\$1.25
	EQ120	Ferrule For Crimping 3/8" Inside Diameter Hose - You do need a crimping tool to use this part.	\$1.75
3	EQ121	Barbed Nipple Connection For 3/8" Hose (use with Part # EQ115 or EQ116)	\$1.75
	EQ122	1/4'' ID Hose Splicer - Barbed - The $1/4''$ hose splicer is the most convenient way to attach two open ended sections of $1/4''$ insider diameter hosing. Simply place a hose clamp on each end of the exposed hosing, slide the splicer in to each end of the open hosing, and tighten the hose clamps.	\$2.50
13	E94	Spark Lighter With Triple Flint Striker - Spark Lighter With Triple Flint Striker. If you buy one of these to light your torch with chances are someone won't walk off with it like a regular lighter.	\$3.95
	E95	Triple Flint Replacement For Spark Lighter	\$1.95
Oxx	ASHWB -100	All-Season Hotspotter - Professional Series - This all purpose propane flame tool operates off of the pressure of a standard propane tank—no regulator required. Appropriate for a wide variety of all—season maintenance/repair applications at commercial offices, factories, institutions, warehouses, parks, residential properties, farms and parking lots.	\$82.00
M	SCS001	Showerhead Connector & Hose Set - Consists of the following: ● 4 Male to Male B-size Oxygen Fittings ● 4 Male to Male B-size Fuel Fittings ● 2 Aluminum Showerhead connectors ● 3 18″ long, 1/4″ T-grade, Oxygen Welding Hoses ● 3 18″ long, 1/4″ T-grade, Gas Welding Hoses; each hose has female brass B-fittings crimped onto each end.	\$120.00
	SCS002	Showerhead Connector Set - The Showerhead connectors convert the torch from a 6-inlet manifold, into a 2-inlet manifold for those who do not want to use a foot peddle with their torch. This is a set of 2.	\$65.00
	E46	Brass Ball Valve 1/4" Barb to Barb - This little piece is an essential part for studio safety when connecting a hand torch or bunsen burner. It provides peace of mind that you aren't wasting any gas when the burner is not in use. The body is made of brass, the ball is stainless steel and it's lead free. Don't forget the clamps!	\$8.00
	EQ105	Regulator with Gauge for Compressed Air $1/4''$ - Compressed air regulator with gauge allows fine adjustment of the compressed air pressure. Unit has an inlet and outlet with a directional arrow to show the direction of the air flow. Both connections are $1/4''$ NPT for easy connection to commonly used compressed air fittings. Unit can be mounted in any direction and features a locking cap to maintain the pressure setting.	\$60.00







MULTI TORCH CONNECTORS & OTHER HARDWARE				
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	EQ107	2 Stage 'Y' Hose for Compressed Air Torch 1/4 " - This "Y" hose assembly is used on a torch with compressed air when there is no foot pedal used in the air system. This assembly puts all of the compressed air hoses into one main supply hose. The assembly is 5' long using 1/4" ID spatter resistant tubing, "Y"s, clamps and a 1/4" NPT fitting on the end for easy attachment to the compressed air supply. *This assembly is ONLY for compressed air, not for fuel or oxygen.* Torches that use this setup are the Phantom, Mirage, and Delta Elite with compressed air injection.	\$40.00	
A STATE OF THE PARTY OF THE PAR	OSHA- QDB40	Quick Connect - OSHA Compliant Torch to Hose Oxygen/Fuel Gas Set w/ Check Valves - Quick Connects provide fast, reliable and positive connections and quick disconnections for torches, hoses and regulators. All models are color-coded for gas service for added safety (oxygen/green, fuel gas/red, inert gas/blue). Oxy/fuel gas models include integral reverse flow Check Valves. Quick Connects fit all B-size welding and cutting equipment.	\$55.00	
RADNOR The formula The formul	OSHA- QDB50	Quick Connect - OSHA Compliant Hose to Hose Oxygen/Fuel Gas Set w/ Check Valves - Same as above.	\$60.00	
Salar Salar	OSHA- QDB60	Quick Connect - OSHA Compliant Regulator to Hose Oxygen/Fuel Gas Set w/ Check Valves - Same as above.	\$60.00	

DUAL FUEL STARTER KITS



These starter kits are all discounted below list price. Please note that these starter kits are only suggestions. If you would like to add or remove some items it is not a problem. Just let us know exactly what you need and the same discount off list will apply.

Each kit includes: Oxygen Regulator ● Fuel Gas Regulator ● 1/4 " x 25' T-Grade Oxy/Fuel Hose • Oxygen and Fuel Flashback Arrestors • Tungsten Carbide Scoring Blade • Wheeled Glass Nippers • 2" x 3" Graphite Paddle • 1/4" Graphite Rod • 1/2" Graphite Rod • Set of 6", 8", & 12" Tweezers • Wire Grabbers • Phillips ACE202 Didymium Glasses • Shade 3 Plastic Clip-Ons

STARTER KITS				
PRODUCT #	DESCRIPTION	PRICE		
Starter Kit #100	National 6B Torch	\$549.00		
Starter Kit #101	National 8M Torch	\$709.00		
Starter Kit #200	Nortel Minor Torch	\$619.00		
Starter Kit #201	Nortel Minor Torch	\$675.00		
Starter Kit #202	Nortel Major Minor Torch with Surface Mix	\$819.00		

STARTER KITS				
PRODUCT#	DESCRIPTION	PRICE		
Starter Kit #203	Nortel Major Minor with Pre Mix Torch	\$819.00		
Starter Kit #204	Nortel Midrange Torch	\$729.00		
Starter Kit #205	Nortel Midrange with Surface Mix Torch	\$809.00		
Starter Kit #206	Nortel Midrange Torch with Pre Mix Torch	\$809.00		



DUAL FUEL STARTER KITS

STARTER KITS			
PRODUCT #	DESCRIPTION	PRICE	
Starter Kit #207	Nortel Midrange Torch with Mega Minor Torch	\$849.00	
Starter Kit #208	Nortel Red Max with Surface Mix Torch	\$899.00	
Starter Kit #209	Nortel Red Max Pre Mix Torch	\$899.00	
Starter Kit #210	Nortel Red Max Mega Minor Torch	\$929.00	
Starter Kit #211	Nortel Red Rocket Torch	\$1,389.00	
Starter Kit #300	Carlisle Mini CC Torch	\$629.00	
Starter Kit #301	Carlisle Wildcat CC Torch	\$869.00	
Starter Kit #302	Carlisle Hellcat Torch	\$1,369.00	
Starter Kit #303	Carlisle Black Widow Torch	\$1,969.00	
Starter Kit #304	Carlisle CC #3 Centerfire Torch Ball and Post	\$1,789.00	
Starter Kit #305	Carlisle CC #3 Centerfire Torch Rack and Pinion	\$1,959.00	
Starter Kit #306	Carlisle CC #5 Centerfire Torch Ball and Post	\$1,789.00	
Starter Kit #307	Carlisle CC #5 Centerfire Torch Rack & Pinion	\$1,959.00	
Starter Kit #308	Carlisle CC+ #5 Centerfire Torch Ball & Post	\$2,619.00	
Starter Kit #309	Carlisle CC+ #3 Centerfire Torch Rack & Pinion	\$2,845.00	
Starter Kit #310	Carlisle CC+ #5 Centerfire Torch Ball & Post	\$2,619.00	
Starter Kit #309	Carlisle CC+ #5 Centerfire Torch Rack & Pinion	\$2,845.00	
Starter Kit #400	Bethlehem Alpha Torch	\$629.00	
Starter Kit #401	Bethlehem Bravo Torch	\$1,449.00	
Starter Kit #402	Bethlehem Champion Torch	\$2,045.00	
GTT Lynx Torch	GTT Lynx Torch	\$2,406.00	

	STARTER KITS	
PRODUCT#	DESCRIPTION	PRICE
GTT Delta Mag Torch	GTT Delta Mag Torch	\$9,355.00
Tool Package	Pipemaker's Tool Package	\$329.00
Alpha Torch	Alpha Torch	\$749.99
Bobcat Torch	Bobcat Torch	\$749.99
Nortel Minor Torch	Nortel Minor Torch	\$749.99
Starter Kit #404	Bethlehem STACKS Torch	\$1,285.00
Starter Kit #405	Bethlehem STACKS Top Mount Torch	\$785.00
Starter Kit #406	Bethlehem STACKS Bottom Mount Torch	\$879.00
Starter Kit #500	GTT Bobcat Torch	\$644.00
Starter Kit #501	GTT Cheetah Torch	\$965.00
Starter Kit #502	GTT Cricket Torch	\$605.00
Starter Kit #503	GTT Lynx Torch	\$859.00
Starter Kit #504	GTT Mirage Torch	\$2,290.00
Starter Kit #505	GTT Delta Elite Torch	\$2,860.00
Starter Kit #506	GTT Phantom 4 Port Torch	\$1,790.00
Starter Kit #507	GTT Scorpion 4-Stud Torch with Bobcat Center Fire	\$1,283.00
Starter Kit #508	GTT Scorpion 4-Stud Torch with Lynx Center Fire	\$1,397.00
Starter Kit #509	GTT Sidewinder 4-Stud Torch with Bobcat Center Fire	\$1,464.00
Starter Kit #510	GTT Sidewinder 4-Stud Torch with Lynx Center Fire	\$1,464.00
Starter Kit #511	GTT Snub Nose Mirage Torch	\$2,290.00
Starter Kit #512	GTT Snub Nose Phantom Torch	\$1,790.00
Starter Kit #513	GTT Kobuki Torch	\$4,455.00



These starter kits are all discounted below list price. Please note that these starter kits are only suggestions. If you would like to add or remove some items it is not a problem. Just let us know exactly what you need and the same discount off list will apply.

MOUNTAIN GLASS BEAD MAKING STARTER KIT



Includes:

- Hot Head Torch
- Mapp Gas Bottle Mount and Work Surface
- Phillips ACE 202 Glasses
- 1/8 inch Mandrels
- Bead Release 4 oz
- Bead Hole Reamer
- 20 x 24 x 1 inch Fiber Blanket
- Beginning Bead Making Book
- 1 Assorted Pound of the Most Popular Moretti Colors

Part #: B23 Price: \$139.95

BEGINNER'S ESSENTIALS GLASS BEADMAKING KIT



An Excellent Value! Great for Beginners! Enter the fascinating world of bead making! With this kit and a few hours of practice, you will be making your own unique glass beads in all shapes and sizes.

- Fireworks[™] Quick-light self-igniting torch
- 2 pc Work Surface Protective Eyewear
- Diamond Coated Bead Reamer
- 12 Stainless Steel Mandrels
- Bead Rake
- **Dotted Texturizing Marver**
- **Grooved Texturizing Marver**
- Rod Scrubber
- Canister Holder
- Bead Release
- 15 Italian 104COE glass rods (approx. 13" long)
- Fiber blanket
- Instruction booklet and DVD Please note: Requires MAPP gas, available at most hardware stores.

Part #: B110 Price: \$99.00

BOROSILICATE CLEAR STARTER KITS				
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
meaning and a second	BBECONOKIT50	\$50 Clear Economy Boro Package — A great option for those who do not know exactly what sizes to start out with. This package offers a great diversity of solid rods, blow tubes, and heavy/extra heavy tubing in clear Chinese borosilicate. This kit Includes rods in the following sizes: (4) 4mm, (4) 6mm, (4) 8mm, (2) 10mm and (1) 16mm. It also includes tubing in the following sizes: (2) 9.5mm x 2.0mm, (2) 12mm x 2.2mm, (2) 16mm x 2.5mm, (2) 19mm x 3.2mm and (2) 26mm x 4.0mm.	\$50.00	
SCORCE TO DE CONTROL D	BBECONO100	\$100 Clear Economy Boro Package — A great option for those who do not know exactly what sizes to start out with. This package offers a great diversity of solid rods, blow tubes, and heavy/extra heavy tubing in clear Chinese borosilicate. This kit Includes rods in the following sizes: (10) 4mm, (8) 6mm, (8) 8mm, (4) 10mm and (2) 16mm. It also includes tubing in the following sizes: (4) 9.5mm x 2.0mm, (4) 12mm x 2.2mm, (3) 16mm x 2.5mm, (3) 19mm x 3.2mm, (3) 22mm x 3.5mm, (3) 26mm x 4.0mm and (2) 32mm x 4.0mm.	\$100.00	



BOROSILICATE CLEAR STARTER KITS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	BBECONO150	\$150 Clear Economy Boro Package — A great option for those who do not know exactly what sizes to start out with. This package offers a great diversity of solid rods, blow tubes, and heavy/extra heavy tubing in clear Chinese borosilicate. This kit Includes rods in the following sizes: (14) 4mm, (12) 6mm, (8) 8mm, (5) 10mm and (2) 16mm. It also includes tubing in the following sizes: (6) 9.5mm x 2.0mm, (6) 12mm x 2.2mm, (4) 16mm x 2.5mm, (4) 19mm x 3.2mm, (4) 22mm x 3.5mm, (3) 26mm x 4.0mm, (2) 32mm x 2.8mm, (2) 32mm x 4.0mm, (2) 38mm x 2.8mm and (1) 38mm x 4.0mm.	\$150.00
	BBKIT500	\$500 High Quality Clear Boro Package — The \$500 Clear Boro Package is a great option for those who do not know exactly what sizes to start out with. This package offers a great diversity of solid rods, blow tubes, and heavy/extra heavy tubing in a high quality clear borosilicate. All rods and tubes are 4 feet in length. This kit includes rods in the following sizes: (24) 3mm, (24) 5mm, (20) 7mm, (6) 10mm and (6) 15.9mm. It also includes tubing in the following sizes: (20) 8.0mm x 2.0mm, (20) 9.5mm x 2.0mm, (30) 12.7mm x 2.4mm, (12) 16mm x 2.5mm, (10) 19mm x 3.2mm, (10) 22mm x 3.0mm (10) 25.4mm x 4.0mm, (8) 32mm x 4.0mm and (4) 38mm x 4.0mm.	\$500.00
	BBKIT1500	\$1500 High Quality Clear Boro Package — The \$1500 Clear Boro Package is a great palletized option for those who do not know exactly what sizes to start out with. This package offers a great diversity of solid rods, blow tubes, and heavy/extra heavy tubing in a high quality clear borosilicate. All rods and tubes are 4 feet in length. This kit includes rods in the following sizes: (700) 3mm, (256) 5mm, (120) 7mm, (64) 10mm and (8) 15.9mm. It also includes tubing in the following sizes: (100) 8.0mm x 2.0mm, (69) 9.5mm x 2.0mm, (81) 12.7mm x 2.4mm, (46) 16mm x 2.5mm, (33) 19mm x 3.2mm, (36) 22mm x 3.2mm, (25) 25.4mm x 4.0mm, (10) 32mm x 4.0mm and (6) 38mm x 4.0mm	\$1,500.00
BEKITS BILLIAR BOMOLE OO	BBKIT50	\$50 Clear Boro Package — A great option for those who do not know exactly what sizes to start out with. This package offers a great diversity of solid rods, blow tubes, and heavy/extra heavy tubing in a high quality clear borosilicate. This kit Includes rods in the following sizes: (2) 3mm, (2) 5mm, (2) 7mm, (1) 10mm and (1) 16mm. It also includes tubing in the following sizes: (1) 9.5mm x 2.0mm, (1) 12mm x 2.2mm, (1) 16mm x 2.5mm, (1) 19mm x 3.2mm and (1) 26mm x 4.0mm.	\$50.00
BBKITION WINDSMAN HONGS AND STATE OF THE PARTY OF THE PAR	BBKIT100	\$100 Clear Boro Package — A great option for those who do not know exactly what sizes to start out with. This package offers a great diversity of solid rods, blow tubes, and heavy/extra heavy tubing in a high quality clear borosilicate. This kit Includes rods in the following sizes: (4) 3mm, (4) 5mm, (3) 7mm, (1) 10mm and (1) 16mm. It also includes tubing in the following sizes: (1) 9.5mm x 2.0mm, (2) 12mm x 2.2mm, (1) 16mm x 2.5mm, (1) 19mm x 3.2mm, (1) 22mm x 3.0mm, (2) 26mm x 4.0mm and (1) 32mm x 4.0mm.	\$100.00
BBKIT200 BIRTHE BRIDGE	BBKIT200	\$200 Clear Boro Package — A great option for those who do not know exactly what sizes to start out with. This package offers a great diversity of solid rods, blow tubes, and heavy/extra heavy tubing in a high quality clear borosilicate. This kit Includes rods in the following sizes: (10) 3mm, (10) 5mm, (5) 7mm, (2) 10mm and (2) 16mm. It also includes tubing in the following sizes: (3) 9.5mm x 2.0mm, (5) 12mm x 2.2mm, (2) 16mm x 2.5mm, (2) 19mm x 3.2mm, (2) 22mm x 3.0mm, (3) 26mm x 4.0mm, (2) 32mm x 4.0mm and (1) 38mm x 4.0mm.	\$200.00



ESSENTIAL TOOL KIT UPGRADE



Are you looking for a little more than the basic tools? The Essential Tool Kit comes with an extra step above the basics for everything you'll need for day in and day out glass blowing. Just getting started and not sure what other tools you need? Don't worry, we've got you covered. The Essential Tool Kit will get you going on your way without having to learn about every tool available on the market.

- Blast Shield 5/8" Graphite Push w/ Aluminum handle
- Blast Shield 3" x 4" Graphite Paddle
- 5-20mm Tapered Graphite Reamer
- 6 in 1 Graphite Marble Mold 3/8", 1/2", 5/8", 3/4", 7/8", 1"
- Medium Diamond Shears
- Light Cup Shears
- Large Kevlar Gloves
- 1/4" Brass Right Angle Swivel Blow Hose Assembly for 1/4" Swivel
- Rubber Blow Hose Adapter Kit 3 Pack
- Large Tungsten Probe, 1/8" diameter
- Brass Necking Tool
- Bench Rollers / Yoke

Part #: Essential Tool Kit Upgrade Price: \$299.00

BEGINNER FLAMEWORKING KIT - GRIFFIN GLASS TOOLS



Do you want to be a flameworker? Get started right away with our complete Griffin Glass Tools beginner tool kit! To help glass enthusiasts get started off right, we offer a beginner tool package featuring Griffin Glass Tools at a very reasonable price.

- 2" x 4" Pro Graphite Paddle w/ Counter Weight
- Claw Grabbers w/ Set Screw
- Graphite Necking Tool
- 6" x 6" x 1/2" Graphite Plate Pair of Kevlar Gloves
- Keylar Sleeve
- Finishing Tongs
- Medium Diamond Shears
- 2-22mm Deluxe Graphite Reamer
- 2 Rod / Tool Rests
- Magic Mini Jacks 8.5"
- 8" Tweezers Serrated
- Medium Sharpened Tungsten Probe 3/32"

Part #: Beginner Flameworking Kit -**Griffin Glass Tools**

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Price:	S 341		
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COLOR SAMPLE PACKS					
IMAGE	PRODUCT#	DESCRIPTION	PRICE		
	DASAMPLE12	Chinese Tubing Sample Pack 12x2 — Sometimes the hardest part of blowing glass is deciding which color tubing to order. Well, we're here to help and we've bundled five half tubes of our most popular 12x2mm Chinese color. Now you can move on to more important decisions, like which color rod to get. And you're in luck, we can help with that too.	\$14.50		
	DASAMPLE25	Chinese Tubing Sample Pack 25x4 — Same as above except 25x4mm Chinese color.	\$49.99		
ACTUAL COLURS MAY VARY	DASAMPLECOLOR	Full 7-9mm Rod Chinese Color Sample Pack — Here's a great way to get full 7-9mm sticks in a wide variety of colors at a great price! The Chinese Color Sample Pack feature 15 favorites and weighs approximately a pound and a half. Each rod is approximately 15" to 20" long and weighs approximately 1.5 ounces each.	\$29.99		



COLOR SAMPLE PACKS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	GAFirst-Gen- SAMPLEFULL	Glass Alchemy First-Gen Sample Pack — Why try to figure out the best glass blowing boro colors to get when you can just get the Glass Alchemy First-Gen Sample Pack? The Glass Alchemy First-Gen Sample Pack comes with 10 of the hottest and most popular colors in the boro palette. Each rod is approximately 20" long and weighs approximately 1.4 ounces each. Lengths and weights may vary and are approximations. Color rods include: Aquamarine, Elixir, Kryptonite, Kryptonite 2002, Lemon Drop, Lime Drop, Belladonna, Quicksilver, Smoke and Ultramarine.	\$44.99
	KUSHSAMPLECOLOR	Hindu Kush Color Sample Pack — We get a lot of questions about Hindu Kush so we put together a sample pack containing some of their most popular colors. Hindu Kush would not qualify as 1st quality glass by Americans because of its rough texture and obvious seeds and stones. But the colors are vibrant and it's a low cost alternative for hobbyist and beginners. NOTE: Product image will not always reflect actual rod selection included in pack.	\$27.00
	NSRAINBOW12PACK	Northstar Rainbow 12 Pack - 12 items — Why try to figure out the best glass blowing boro colors to get, when you can just get the Northstar Rainbow 12 Pack! This is a one-pound, 12 color sample pack containing Northstar's most popular opaque colors in the rainbow. Each rod is approximately 7.5" to 10" long and weighs approximately 1.4 ounces each. Lengths and weights may vary and are approximations. NOTE: Product image will not always reflect actual rod selection included in pack.	\$74.99
	NSRAINBOW SPECTRUMPACK	Northstar Rainbow Spectrum Pack - 22 items — Why try to figure out the best glass blowing boro colors to get, when you can just get the Northstar Rainbow Spectrum Pack! This approximately 2-pound, 22 color sample pack contains Northstar's most popular opaque colors in the rainbow. Each rod is approximately 16" to 20" long and weighs approximately 1.4 ounces each. Lengths and weights may vary and are approximations. NOTE: Product image will not always reflect actual rod selection included in pack.	\$119.99
	NSTOP20HALF	Northstar Top 20 Half Rod Sample Pack — Why try to figure out the best glass blowing boro colors to get when you can just get the Northstar Top 20 half rod Sample Pack? The NORTHSTAR Top 20 HALF ROD Sample Pack comes with 20 of the hottest and most popular colors in the boro palette. Each rod is approximately 7.5" to 10" long and weighs approximately 0.7 ounces each. Lengths and weights may vary and are approximations. NOTE: Product image will not always reflect actual rod selection included in pack.	\$74.99
	NSTOP20QUARTER	Northstar Top 20 Quarter Rod Sample Pack - 20 items — Why try to figure out the best glass blowing boro colors to get when you can just get the Northstar Top 20 quarter rod Sample Pack? The Northstar Top 20 1/4 Rod Sample Pack comes with 20 of the hottest and most popular colors in the boro palette. Each rod is approximately 5" long and weighs approximately 0.35 ounces each. Lengths and weights may vary and are approximations. NOTE: Product image will not always reflect actual rod selection included in pack.	\$39.99
	UVCFLSAMPLE	UV/CFL Half Stick Sample Pack - 10 items — This sample pack is the perfect way to make your pieces pop. We've assembled 10 half sticks of 1st Quality UV and CFL reactive colors from Northstar, Trautman and Glass Alchemy. Each rod is labeled so you know what you're using. Let the fun begin! Rods are cut to 10-10.5 inches. PLEASE NOTE: The product image will not always reflect the actual rod selection included in the pack.	\$49.95



PARAGON

Paragon Industries is a family owned company founded in 1948. They have shipped over 350,000 kilns to date and hold 3 design patents. Some of their customers include Harley Davidson, Ford Motor Company, Alcoa Aluminum, Hughes Christiansen, and 3M. Paragon has a long tradition of making the best kilns in the market today.

Please check our web-site for regular sales on kilns and keep in mind we are happy to match prices. We also have great pricing on freight shipments.

PARAGON F SERIES				
IMAGE	PART #	DESCRIPTION	PRICE	
	PKF120 DIGI	Paragon F120 Front Loading Digital Kiln — With the Sentry Xpress 3-key controller, packed with features, including two modes: Single Speed and 8-segment Ramp-Hold Width/Diameter: 10.75" - Height: 7.0" - Depth: 11.0" Max. Temperature — 1700F Single Phase 14 Amps 120 Volt - 60 Hertz - Watts 1680 Nema 5-15P - Breaker Size 20 Circuit Wire Size — 12 Gauge TUV tested to UL Std 499 Control Type - Analog Ship Weight 125 lbs Ship Method — truck	List \$1,813.10 Our Price \$1,450.48	
	PKF130 DIGI	Paragon F130 Front Loading Digital Kiln — With the Sentry Xpress 3-key controller, packed with features, including two modes: Single Speed and 8-segment Ramp-Hold Max. Temperature — 1700F Single Phase 20 Amps 120 Volt 60 Hertz Watts — 2400 Nema — 5-20P Breaker Size — 20 Circuit Wire Size — 12 Gauge TUV tested to UL Std 499 Control Type - Analog Ship Weight 162 lbs Ship Method — truck	List \$2,081.40 Our Price \$1,665.12	
	PKF130 Digi Black	Paragon F130 Elite Front Loading Digital Kiln - BLACK - 13"H x 11"W x 11"D — Here's a new twist on the classic, you can now get the F130 in BLACK! **Please note: This kiln requires a 5-20 R Nema Receptacle and 20 Amp service. This may require professional electrical installation** You can make figurines up to 12" tall in the F130 Elite. Anneal large glass beads and marbles. Raise the spring-loaded vertical-drop door to insert a glass figurine with a punty rod. Lower the door. The punty rod will extend outside the firing chamber through the smaller punty rod door. This allows even large glass pieces to anneal safely. Enjoy the glittering beauty of dichroic glass. The build quality and easy to use garage door will save you time and frustration for years to come.	List \$2,081.40 Our Price \$1,665.12	



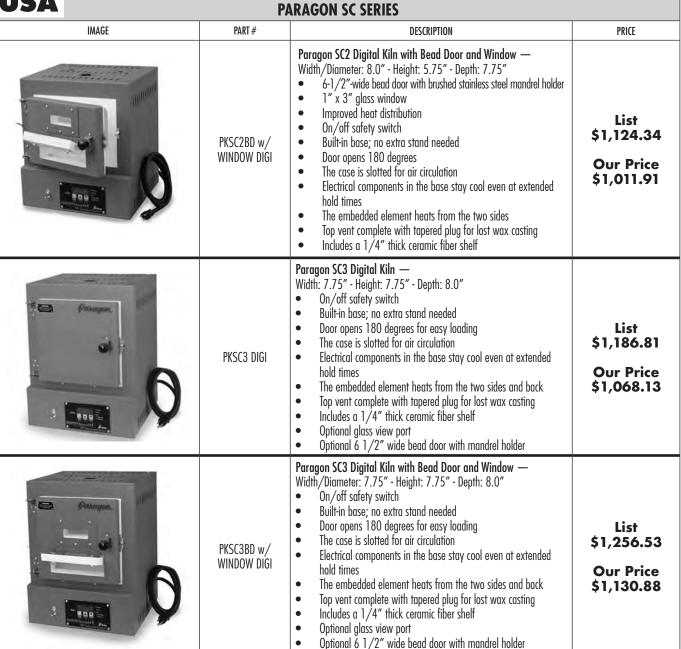


PARAGON F SERIES				
Image	Part #	Description	Price	
	PKF240 DIGI	Paragon F240 Front Loading Digital Kiln w/ side elements — Max. Temperature — 1700F Single Phase 20 Amps 240 Volt 60 Hertz Watts — 4800 Nema — 6-20P Circuit Wire Size — 12 Gauge TUV tested to UL Std 499 Breaker Size — 20 Control Type — Sentry Digital 3-Key Glass Control Ship Weight 288 lbs - Ship Method — truck	List \$3,004.65 Our Price \$2,403.72	
	PKF240S DIGI TSE	Paragon F240 Front Load Digi Kiln w/ top & side elements 240v - 18" x 18" x 13" high — Max. Temperature: 1700F- 926C Amps: 20 Phase: 1 Watts: 4800 Nema: 6-20P Breaker Size: 20 Circuit Wire Size: 12 gauge Certified to CSA & UL Std 499 Control Type: Sentry Xpress Digital 3-key Voltage: 240 Hertz: 60	List \$3,130,81 Our Price \$2,504.65	
	PKF200	Paragon F200 Front Load Digital Kiln 240 volt 25" wide 8" high 15" deep — Max. Temperature: 1700F, 926C Amps: 20 Phase: 1 Watts: 4800 Nema: 6-20R Breaker Size: 20 Circuit Wire Size: 12 gauge Certified to CSA UL Std 499 Control Type: Sentry Digital 3-key GlassControl Voltage: 240 Hertz: 60	List \$2,638.05 Our Price \$2,110.44	
	PKF500	Paragon F500 Front Load Digital Kiln 240 volt 24" wide 22.25" high 18" deep — Max. Temperature: 1200F, 648C Amps: 29 Phase: 1 Watts: 6850 Nema: 6-30R Breaker Size: 40 Circuit Wire Size: 8 gauge Certified to CSA & UL Std 499 Control Type: Sentry Digital 3-key Glass Control Voltage: 240 Hertz: 60	List \$4,091.32 Our Price \$3,273.06	



Please check our web-site for regular sales on kilns and keep in mind we are happy to match prices.





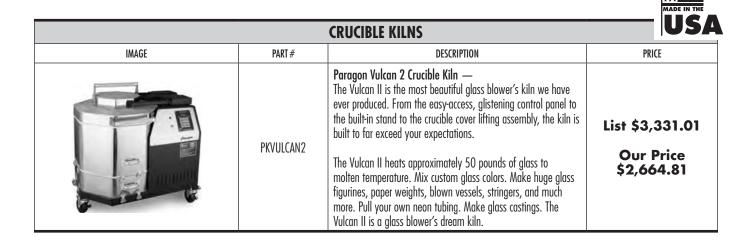


PARAGON BLUEBIRD SERIES					
IMAGE	PART #	DESCRIPTION	PRICE		
	PKBLUEBIRD DIGI	Paragon BlueBird Digital Kiln 120 volt — Width/Diameter: 20.0" - Height: 5.0" - Depth: 5.0" • 3-key digital Sentry Xpress controller w/ two modes: Single Speed and 8-segment Ramp-Hold • (2) 10" wide x 2 3/4" high doors • Firebrick roof, walls, and floor • Pinless element grooves in the roof • Plugs into standard household outlet • 48lbs, ships UPS	List \$1,163.93 Our Price \$1,047.54		





	PARA	AGON BLUEBIRD SERIES	US
IMAGE	PART #	DESCRIPTION	PRICE
	PKBLUEBIRDXL Digi	Paragon BlueBird XL Digital Kiln 120 volt — Width/Diameter: 20.0" - Height: 4.5" - Depth: 9.0" Features of the BlueBird XL	List \$1,415.58 Our Price \$1,274.02
	PKBLUEBIRDXL Digi Pink	Paragon BlueBird XL Digital Kiln 120 volt PINK — If you love Pink, the Bluebird XL in Pink instead of the standard Paragon blue is now a stock item for MGA and available for same day shipping! Features of the BlueBird XL • 3-key digital Sentry Xpress controller • 1 each 4" high short door and 4 1/4" high tall door for the ultimate in versatility • Door latches to hold the doors closed while fusing glass • 9" deep firing chamber (measured with doors closed) • Firebrick roof, walls, and floor • 1"-thick ceramic fiber doors • Mandrel holders with 20 slots • 1500°F maximum temperature • Pinless element grooves in the roof • Coated firebricks in roof • Mar-proof plastic feet • On-off safety switch	List \$1,415.58 Our Price \$1,274.02





PARAGON KILNS/JEN-KEN KILNS 🏶



CRUCIBLE KILNS					
IMAGE	PART#	DESCRIPTION	PRICE		
	PKTrifecta	Paragon Trifecta Crucible Kiln — Max. Temperature: 2350F/1287C ● Amps: 48 ● Phase: 1 Watts: 11500 ● Nema: 6-50P ● Breaker Size: 60 ● Circuit Wire Size: 6 gauge ● TUV tested to CSA and UL Standard 499 ● N ● CE ● N ● Control Type: Sentry Digital 3-key Glass Control ● Voltage: 240 ● Hertz: 60 ● Disclaimer: The specifications above assume that the kiln will be plugged into a dedicated circuit. Local electric codes supersede our recommendations. ● The pricing and electrical specifications for the above products reflect their design for use in the United States. The International versions of most models will have variations in electrical specifications and price due to consumer safety requirements or electrical regulations.	List \$3,763.65 Our Price \$3,010.92		
	PKDIPPER	Paragon Darby Dipper Crucible Kiln — Length: 7.5", Width: 7.5", Depth: 9.0" Deluxe S-Type platinum thermocouple Sentry Xpress digital controller """ """ """ """ """ """ """ """ """	List \$1,737.52 Our Price \$1,390.02		

PARAGON CALDERA SERIES				
IMAGE	PART #	DESCRIPTION	PRICE	
Paragon	PKCALDERA	Paragon Caldera Digital Kiln — Width: 8.0" - Height: 8.0" - Depth: 6.75" Make jewelry from the amazing silver, bronze, and copper clays that are shaped with simple tools and fired. Or even fire ceramics, porcelain, or stoneware jewelry. When you are ready to try something new, fire china, decals, enameling, and glass in Paragon's digital Caldera kiln. Glass compatibility and glaze color tests are fast and easy. The original Caldera and Caldera-S kilns were placed on top of four firebrick blocks. The new Calderas now ship with a sturdy 2 3/4" high x 14" x 12 3/4" steel stand, complete with mar-proof rubber feet. With a separate top and bottom, the Caldera is stackable and completely portable. The kiln is easy to carry to seminars. Take it with you on vacation. For a digital kiln that can do this much, the Caldera is surprisingly affordable.	List \$1,007.43 Our Price \$805.97	



JEN-KEN KILNS					
IMAGE	PART #	DESCRIPTION	PRICE		
	JKCPD	Jen-Ken Digital Chili Pepper Kiln — This digital front loading kiln has a large 16" wide by 4" high opening. The elements are encased in quartz to prevent metal objects like a mandrel from contacting them. Inside measurements are 16" wide X 6" high X 4.5" deep. This kiln comes with a Orton Auto Fire 3 button series controller with 6 programs (8 segments each) — see above for more details on the digital controller 120 volts, 8 amps, 1100F max. Ships via UPS, 35 pounds shipping weight.	List \$750.00 Our Price \$599.99		



JEN-KEN KILNS				
IMAGE	PART #	DESCRIPTION	PRICE	
	JKBC2	Jen Ken Analog 9" x 9" square, 4.5" tall Kiln w/bead door — Compact and portable, this great little lampworking kiln is big enough for most items with the large 2" by 9" door and small kiln footprint. Inside measures 9" long 9" wide by 4.5" deep.This kiln is side firing only. Comes with shelf, posts, kiln wash and base brick. Ships UPS. 120 Volt — 13 Amp - 1560 watts ● Receptacle: 5-15R ● Shipping Weight: 70# (UPS)	List \$615.00 Our Price \$489.99	
	JKBC2D	Jen Ken Digital 9" x 9" square, 4.5" tall Kiln w/bead door — Same as above with an Orton Auto Fire 3 button series digital controller with 6 programs (8 segments each) plus add time, add temperature, and skip step. See above for more details on the digital controller.	List \$815.00 Our Price \$649.99	
	JKBC3A	Jen Ken Analog GS-Bead Cube 9" x 9" x 9" w/ 4" Flip Door — Compact and portable, this great little lampworking kiln is big enough for most items with the large 4" by 9" door and small kiln footprint. Inside measures 9" long 9" wide by 9" deep. This kiln is side firing only. Comes with shelf, posts, kiln wash and base brick. Ships UPS. Voltage: 120 volts ● Amperage: 13 amps ● Watts: 1560 watts ● Receptacle: 5-15R	List \$675.00 Our Price \$539.99	
	JKBC3D	Jen-Ken Digital Bead Cube 9" x 9" x 9" with 4" Flip Door — Same as above with a pre-programmed Orton 3 Key Auto fire Digital Controller with the following pre-programmed.	List \$875.00 Our Price \$699.99	
	JKBC4	Jen Ken Analog 9" Wide x 9" Deep x 9" Tall Bead Kiln with 2 inch flip door — Compact and portable this great little kiln for lampworking is big enough for most items with the large 4" by 9" door and small kiln footprint. Inside measures 9" long 9" wide by 9" deep. This kiln is side firing only. Comes with shelf, posts, kiln wash and base brick. Ships UPS. 120 volts - 13 amps - 1560 watts ● Receptacle: 5-15R ● Shipping Weight: 70# (UPS)	List \$610.00 Our Price \$488.00	
	JKBC4D	Jen Ken Digital 9" Wide x 9" Deep x 9" Tall Bead Kiln W/4 inch flip door — Same as above with an Orton Auto Fire 3 button series digital controller with 6 programs (8 segments each) plus add time, add temperature, and skip step. See above for more details on the digital controller.	List \$820.00 Our Price \$656.00	



JEN-KEN KILNS/SKUTT KILNS 🌑



JEN-KEN KILNS				
IMAGE	PART #	DESCRIPTION	PRICE	
digital kiln shown here	JKBAA	Jen-Ken Analog Bead Annealer with 2 inch flip door — This top loading bead annealer features a full width 2 inch high flip door. Inside measurements are 11" x 11" square and 4.5" tall. 120 volts, 13 amps, 2000F max. Includes infinite switch, shelf, posts, kiln wash and pyrometer. Ships via UPS, 60 pounds shipping weight.	List \$615.00 Our Price \$489.99	
	JKBAD	Jen-Ken Digital Bead Annealer with 2 inch flip door — Same as above with an Orton Auto Fire 3 button series digital controller with 6 programs (8 segments each) plus add time, add temperature, and skip step. See above for more details on the digital controller.	List \$815.00 Our Price \$649.99	
digital kiln shown here	JK119A	Jen-Ken Analog 11 X 11 X 9 Kiln with 4 inch flip door — This top loading annealer features a full width 4 inch high flip door. Inside measurements are 11" x 11" square and 9" tall. 120 volts, 13 amps, 1500F max. Includes infinite switch, shelf, posts, kiln wash and pyrometer. 70 pounds shipping weight. Ships via UPS.	List \$675.00 Our Price \$539.99	
	JK119D	Jen-Ken Digital 11 X 11 X 9 Kiln with 4 inch flip door — Same as above with an Orton Auto Fire 3 button series digital controller with 6 programs (8 segments each) plus add time, add temperature, and skip step. See above for more details on the digital controller.	List \$875.00 Our Price \$699.99	

SKUTT KILNS					
IMAGE	PART#	DESCRIPTION	PRICE		
SKUTT	SKMICRO	Skutt Scarab Micro Glass Master 33 - 12"W x 7.5"H x 9.25"D — The Micro Scarab is perfect for flameworkers who are starting out or are just working with smaller projects. It runs on common household 120V service so you can plug it in just about anywhere. If affordability and portability are important to you, this could be your perfect Scarab model.	List \$2,110.00 Our Price \$1,479.00		
SKUIT	SKMINI	Skutt Scarab Mini Glass Master 33 - 12"W x 16.25"H x 12"D — Balanced stainless steel main door that opens and closes to a tight seal with ease. Powder coated for durability and is more environmentally friendly. Balanced wood door handle that's cool to the touch. Easy - Glide point rest with an optional 4" rest for more loading flexibility. Re-engineered hinge is smooth and precise. New Secondary Point Rest smoothly moves up and down, and in and out with ease, due to a new scalloped profile. The four front and back handles are sturdy nickel-plated and positioned for ergonomic lifting. Vent holes keep electronics cool. Slide-out chassis allows easy access to components. Easy to use controller designed by Flame Working Artist Marcel Braun specifically for Borosilicate Glass. Also available in 208V and 3PH configurations. Volts: 240 ● Amps: 16 ● Watts: 3840 ● Temp: 1700F ● Cubic Feet: 1.4 ● Opening: 12"W x 16.25"H x 12"D ● Wire Size: 12 ● Breaker Size: 20 ● Recepticle: 5-20R ● Ship Weight: 220lbs.	List \$3,140.00 Our Price \$2,359.00		

SKUTT KILNS/KILN SHELVES & POSTS/KILN PARTS

	SKUTT KILNS					
IMAGE	PART#	DESCRIPTION	PRICE			
SKUIT	SKSCARAB	Skutt Scarab Glass Master 33 - 27"W X 16"H X 12"D With Point Rest's — 3 Doors with adjustable point rests designed for working with Borosilicate Glass. The 4 button controller has programming features specifically designed for annealing Borosilicate glass by Marcel Braun. • The wood handle stays cool making it easy to operate the doors. • Operates on a 40 AMP breaker. • Easy access to components for repairs. • Fan cooled, solid state relays for longer life and dependability. • Main cantilevered door will stay at any position. • Independent center door allows you to work with larger diameter tubing. • Multiple handles for moving. • Designed by noted lampworking artist Marcel Braun. • Works on standard household 40 AMP Circuit. 1 Phase, 240V, 27A, 6480 Watts, Wire Size 8, Nema Receptacle 6-50, 460 Lbs Ship Weight • Stainless Steel Doors • Low Mass Type K Thermocouple • 3 Point Rests	List \$4,545.00 Our Price \$3,349.00			
	SKGM818-3CR	Skutt Crucible Glass Master Kiln with Touchscreen — The GM8T18-3CR was designed to provide artists a crucible furnace that is affordable and inexpensive to operate. Rated to 2350 F. this furnace is designed to melt both soft glass and borosilicate glass. It is perfect for the occasional user and makes a wonderful color pot for use with a full-size furnace. This unit comes standard with long lasting Kanthal APM elements. These elements are specifically designed to be used in applications where artists are holding at high temperatures. Type S thermocouple performs extremely well in high temperatures and corrosive atmospheres. The solid state relays that also come standard on this furnace are virtually silent and are extremely reliable.	List \$3,360.00 Our Price \$2,399.00			

KILN SHELVES & POSTS			
IMAGE	PART#	DESCRIPTION	PRICE
	KLN02	7" x 7" x 1/2" Thick Square Kiln Shelf	\$15.50
	KLN03	8" x 8" x 1/2" Thick Square Kiln Shelf	\$17.50
	KLN30	1" x 1" Tall Square Kiln Post	\$1.40
11-	KLN31	1" x 2" Tall Square Kiln Post	\$1.60
	KLN32	1" x 3" Tall Square Kiln Post	\$2.20
	KLN33	1" x 4" Tall Square Kiln Post	\$2.70

KILN PARTS				
IMAGE	PART#	DESCRIPTION	PRICE	
	SKSTAND	Skutt Rolling Stand for Scarab - Give yourself one more advantage by putting your Scarab on a rolling stand. Moving the kiln closer to your bench saves time and lost heat when assembling or chasing cracks. When you run your annealing cycle, just slide it over to the corner so you can clean or even drive your car back into the garage. Skutt rolling stands are constructed out of heavy duty, welded square tubing.	\$495.00	



KILN PARTS				
IMAGE	PART#	DESCRIPTION	PRICE	
	SKSTANDMINI	Skutt Rolling Stand for Scarab Mini - Give yourself one more advantage by putting your Mini Scarab on a rolling stand. Moving the kiln closer to your bench saves time and lost heat when assembling or chasing cracks. When you run your annealing cycle, just slide it over to the corner so you can clean or even drive your car back into the garage. Skutt rolling stands are constructed out of heavy duty, welded square tubing.	\$375.00	
SKUTT	SKTOUCH	Skutt Touchscreen Controller Upgrade for Crucible Kiln - NEW Touchscreen with Built-in WiFi - This will allow you to upgrade your Skutt GM818-CR Crucible Kiln. Like Your Smartphone the new GMT controller navigates with just a touch of a finger and allows us to guide you through programming with full sentences, helpful icons, and dynamic navigation.	\$489.00	
	PKSTANDF 130	Paragon F-120 and F-130 Conversion Stand Kit with Rod Holder - The F-120 or F-130 Conversion Stand is for earlier Paragon F-120 or F-130 lamp working kilns. The Conversion Stand adds a rod holder (also called a point rest) to your F-120 or F-130 kiln. Simply place the kiln on top of the Conversion Stand. Adjust the rod holder vertically and horizontally without tools.	\$95.00	
	PKSTANDF 240	Paragon F-240 Conversion Stand Kit with Rod Holder - The F-240 Conversion Stand is for earlier Paragon F-240 lamp working kilns. The Conversion Stand adds a rod holder (also called a point rest) to your F-240 kiln. Simply place the kiln on top of the Conversion Stand. Adjust the rod holder vertically and horizontally without tools.	\$150.00	
ENCED FILMS	A05	Field Control Kit, Orton 3-Key Controller 15 Amp, 120 V - Add the convenience of a digital programmable controller to your existing kilnand it's so easy! Simply plug your kiln into the Controller Field Kit Box, put the Field Kit thermocouple sensor in your kiln, and turn the kiln's switches to HIGH; now you have full digital control! Pre-Programmed with the following ready to run programs A Small Moretti Bead Program, A Large Moretti Bead Program, A Batch Annealing Program, A Borosilicate Program and 4 Open For The User To Program For Programs For Silver or Gold Clay and 4 Open For The User To Program A Open User Programs 4 Large Piece Glass Fusing Programs and 4 Open For The User To Program 4 Small Piece Glass Fusing Programs and 4 Open For The User To Program informative 43 page manual	\$350.00	
	A06	Same as Above - 20 Amp, 240 V	\$350.00	
	A09	Same as Above - 30 Amp, 240 V	\$395.00	
	A02	Table Top Pyrometer & and type K Thermocouple - This large, easy to read pyrometer ($4\ 1/2'' \times 2\ 1/2'''$ display) will replace the type supplied on most Aim Kilns and is suitable as a replacement for other manufacture's models as well. Thermocouple is a "K" type with about 2 feet of wire from display to ceramic insulator bead ($1/4''$). Display is mounted in an a-frame metal mount which will sit firmly wherever it is placed.	105.00	
	A01	Kiln Switch, 120 volt - This industry standard "infinite" control will replace most any kiln with a "Lo-High" dial for temperature control. 120V.	\$30.00	
Eagl	A22	Kiln Switch, 240 volt - This industry standard "infinite" control will replace most any kiln with a "Lo-High" dial for temperature control. 240V	\$30.00	



KILN PARTS				
IMAGE	PART#	DESCRIPTION	PRICE	
	A21	Replacement Relay for Multiple Common Kilns - Relay for Paragon F120, F130, F240, F200, Caldera Digital, AlM99LS Digital, & 9169 Digital with BARTLETT CONTROLLER, DOES NOT WORK FOR KILNS WITH FUJI CONTROLLERS - Potter & Brumfield relay #T92P7D22-12	\$29.00	
	A04	Small Pyrometer & Type K Thermocouple - This small pyrometer and thermocouple will mount conveniently and easily on most small kilns. The thermocouple (the ceramic encased sensor part that sticks into the kiln to read temperature) measures 1/2" thick by about 2 1/2" with an approximately 9" lead wire. It is mounted to a 3" tall bracket which can in turn be mounted to your kiln by drilling two small holes. Temperature range is 0-2200 degrees F.	\$55.00	
	A16	1/4" Thermocouple, 14ga Wire, 4" Ceramic Insulator, 24" L - This standard "K" type thermocouple is used with virtually all kilns on the market. You can tell if you have type "K" if the wires are yellow and red. This is suitable as a replacement for most kilns as long as the size (1/4" with a 4" insulated ceramic bead length) fits the hole drilled in your kiln and the length (24") is long enough. Please feel free to call if you have any questions.	\$32.00	
	A17	Replacement dial (knob) for standard kiln "Lo-Hi" switch	\$7.00	
	KLN68	Replacement *SIDE* Element for Paragon F130 Kilns - Replacement Element for Paragon F130 Kilns, 120V, 12 OHM. Keep a spare element on hand. Get your insurance against firing interruption now! The Paragon F130 replacement element comes pre-stretched for a precise fit. Element connectors are included with each new element. Two elements are required per F130 kiln.	\$48.20	
	KLN150	Replacement Element for Skutt 240v Crucible Kiln - Keep a spare element on hand. Get your insurance against firing interruption now! The Skutt Crucible Kiln replacement element comes pre-stretched for a precise fit.	\$11 <i>7</i> .00	
	KLN151	Replacement *TOP* Element for Paragon F130 Kilns - Replacement Element for Paragon F130 Kilns, 120V, 12 OHM. Keep a spare element on hand. Get your insurance against firing interruption now! The Paragon F130 replacement element comes pre-stretched for a precise fit. Element connectors are included with each new element. Two elements are required per F130 kiln.	\$34.27	
	KLN152	Replacement Element for Jen-Ken Bead Annealer Kilns - This replacement coil is made for the Jen Ken Bead Annealer models where the coil goes once around. The kiln is a 120 volt, 13 amp model. Models that this coil works for include JKBC2, JKBC2D, JKBAA, JKBAD, JK119A, and JK119D. It takes about 20 minutes to change this part.	\$20.00	
	KLN100	Element Pins - Pack of 12 - When you'd like to replace your worn out pins when you change coils, this is what you'll need. There are usually 2 in each corner, or 6-8 at the ends of lid coils.	\$4.50	

KILN PARTS/BRASS TOOLS

		KILN PARTS			
IMAGE	PART#	DESCRIPTION		PRICE	
SENTRY Xpross 4.0 (C)	KLN153	Sentry Xpress 3 Key Controller 1700F - Design programs with up to 8 segments (steps) in Ramp-Hold mode. Fire to a single temperature at a single speed in the simplified Single Speed mode. Ramp-Hold mode can store 4 programs. Skip a segment in Ramp-Hold during firing without having to stop the kiln to reprogram. Change the target temperature in Ramp-Hold during firing without having to stop the kiln to reprogram. Hold (soak) the temperature in both Single Speed and Ramp-Hold. Experiment with Hold to improve color saturation of china paints. Add Hold Time during firing without having to stop the kiln to reprogram. Control both heating and cooling in Ramp-Hold. Program Review lets you check the program you are about to fire. Program the Temperature Alarm to sound when the kiln reaches a specific temperature; use this to remind yourself to check on the kiln. Temperature display throughout firing and cooling in your choice of °F or °C. Thermocouple Offset adjusts the thermocouple readout. Set the Delay to turn on the kiln later to suit your schedule. LED Lights show whether you are in program, review, or firing mode. Illustrated instruction manual	\$	3272.00	
			QTY	PRICE	
	B10	Fiber Blanket - Ceramic Fiber Blanket - Layer two of these together or fold one in half to provide a cooling area for finished beads. Also used to insulate kilns, kiln doors or to provide better seals which reduce thermal loss. Contains no asbestos. Size of 20" x 24" x 1".	1	\$14.99	
			2-4 5+	\$15.99	
				\$10.00	
market to	A20	Kiln Wash - 10oz package. When applied to the kiln floor, this prevents glass from permanently attaching to the kiln brick. It is sold in a powder form and is to be mixed with water until a creamy consistency is attained. Kiln wash is to be applied only to the kiln floor and before the kiln's first use. It is not to be applied to kiln walls or elements.		\$7.50	
Frequency Lipset Instance Control of the Control of	EQ128	Liquid Kiln Repair Cement - A permanent high-temperature liquid refractory cement for all types of firebrick kilns. It air dries and is formulated for easy workability in kiln brick repair.		\$9.40	
MADE IN THE USA	CULLETBUCKET	Cullet - 25 lb. Bucket - Clear Boro Crushed Tubing - In the past it was difficult to find affordable, high quality glass for cullet. Most of us were buying rod and smashing it to ensure we knew what was actually going into the pot. But now Mountain Glass has simplified the process by packaging up shattered American made tube into 25 pound buckets. Just tear off the lid and scoop it into your crucible.	\$59.99		
MADE IN THE USA	CRUCIBLE30	Crucible 30 pound — These 30 pound crucibles have flat bottoms with a 9" diameter and are 11.5" tall. They fit the Skutt, AIM, and the Paragon Trifecta.	4	5150.00	
BRASS TOOLS					

BRASS TOOLS				
IMAGE	PRODUCT #	DESCRIPTION	PRICE	
	B35	Brass Stump Shaper 1 $\frac{1}{2}$ " by 2" — Designed for glass bead sculptural genius Loren Stump to aid him in producing the incredible detail and definition he has become so famous for. One long side has a radius on its edge. The opposite side has a $1/4$ " radius that tapers to a point at the end of the paddle where the corner of the paddle is rounded. The end of the paddle is machined to a chisel edge. This is a most valuable tool for creating your own sculptural beads and murrinis.	\$50.00	
To Manual To	E110	Brass Necking Tool — The total size of the tool is 4" tall X 3" wide.	\$28.00	



()** COPPER CLAD & STANDARD GRAPHITE RODS

	COPPER	CLAD & STANDARD GRAPHITE RODS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
//30	GHR01	Copperclad Graphite Rod 3/16" X 12"	\$1.20
//-	GHRO2	Copperclad Graphite Rod 1/4" x 12"	\$1.40
/////	GHR03	Copperclad Graphite Rod 5/16" x 12"	\$1.75
	GHR04	Copperclad Graphite Rod 3/8" x 12"	\$2.45
	GHR05	Copperclad Graphite Rod 1/2" x 12"	\$4.95
	GHR06	Graphite Rod 5/8" x 12"	\$6.52
	GHR07	Graphite Rod 3/4" x 12"	\$9.26
	GHR08	Graphite Rod 1" x 12"	\$14.87
1110000	GHR09	Graphite Rod 3/16" X 12"	\$2.50
///IIINA	GHR10	Graphite Rod 1/4" X 12"	\$3.00
	GHR11	Graphite Rod 5/16" X 12"	\$3.27
	GHR12	Graphite Rod 3/8" X 12"	\$4.00
	GHR13	Graphite Rod 1/2" X 12"	\$5.95
•	GHR14	Graphite Rod 7/8" X 12"	\$12.50
	GHR15	Graphite Rod 1 1/4" X 12"	\$24.75
	GHR16	Graphite Rod 1 1/2" X 12"	\$29.95

		GRAPHITE REAMERS, SOPHIETAS & GONG TOOLS	USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	GHT01	Graphite Paper Tape - 1/2" Wide x .005" Thick x 100 Feet — Used primarily as an insulator and spacer between two pieces of glass tapered joints. Takes high temperatures and will not stick to the glass.	\$45.00
0	GHT01-10	Graphite Paper Tape - 1/2" Wide x .005" Thick x 10 Feet — Same as above except 10 foot roll.	\$12.75
	GHT01-20	Graphite Paper Tape - 1/2" Wide x .005" Thick x 20 Feet — Same as above except 20 foot roll.	\$18.50
•	GHT02	Economy Tapered Octagonal Graphite Reamer 2-15mm — The Economy Tapered Octagonal Graphite Reamer 2-15mm is a great quality reamer for the price. It features a total length of 12.5" with a 7.5" handle and a 5" length reamer.	\$20.00
•	GHT03	Economy Tapered Octagonal Graphite Reamer 10-25mm — The Economy Tapered Octagonal Graphite Reamer 10-25mm is a great quality reamer for the price. It features a total length of 17" with an 11" handle and a 6" length reamer.	\$27.00
	GHT10	Deluxe Graphite Reamer 2-15mm - Short — This reamer has the same features as our popular 2-15mm Menzies series reamer, but is made with a steeper taper. This steeper taper and shorter graphite reamer length is designed to make flaring small objects easier without the long point of the reamer bottoming out. (At the back of a short cup or foot for example.) The short line of reamers is also designed to be more durable at the small pointed tip. Since there is less thin material between the widest point of the reamer and the fine 2mm tip, the reamer point will last longer and withstand more abuse.	\$35.00
	GHT11	Deluxe Graphite Reamer 2-22mm - Short — Same as above.	\$38.00



GRAPHITE REAMERS, SOPHIETAS & GONG TOOLS



USA	GRAPHITE REAMERS, SOPHIETAS & GONG TOOLS				
IMAGE	PRODUCT#	DESCRIPTION	PRICE		
	GHT12	Deluxe Graphite Reamer 3-38mm - Short — This is a unique graphite reamer with a very steep taper. This steeper taper and shorter graphite reamer length is designed to make flaring small objects easier without the long point of the reamer bottoming out. (At the back of a short cup or foot for example.) The short line of reamers is also designed to be more durable at the small pointed tip. Since there is less thin material between the widest point of the reamer and the fine 3mm tip, the reamer point will last longer and withstand more abuse.	\$48.00		
	GHT13	Deluxe Graphite Reamer 28-48mm — Menzies series 28-48mm high density graphite reamer produced by Griffin Glass Tools. The reamer is on a hardwood handle with a brass counterweight.	\$87.00		
	GHT14	Griffin 2" x 4" Pro Graphite Paddle w/ Counter Weight — 2" x 4" counter weighted paddle with hardwood handle and all stainless steel construction. All Menzie Series reamers and paddles are high density fine quality graphite	\$45.00		
3	GHT15	Griffin 3" x 4" Pro Graphite Paddle w/ Counter Weight — Same as above.	\$45.00		
-	GHT16	Griffin 3" x 6" Pro Graphite Paddle w/ Counter Weight — Same as above.	\$48.00		
	GHT17	Griffin 4" x 6" Pro Graphite Paddle w/ Counter Weight — Same as above.	\$58.00		
100	GHT80	Tapered Octagon Graphite Reamer 2-14mm — Our graphite reamers are made with top quality, ultra fine graphite. This smooth working graphite will allow you to work hot glass with no "grabing" or "tearing". Five inch reamer length with a handle of rubber over steel rod that is six inches long.	\$26.00		
1	GHT81	Tapered Octagon Graphite Reamer 10-25mm —Same as above except 10-25mm.	\$39.00		
6	GHT83	Economy Graphite Reamer - Pencil Style — These reasonably-priced reamers measure a total length of 10 inches, with the graphite measuring 3.25 inches long and .25 inches wide.	\$12.99		
100	GHT86	Tapered Octagon Graphite Reamer 5-20mm - Our graphite reamers are made with top quality, ultra fine graphite. This smooth working graphite will allow you to work hot glass with no "grabing" or "tearing". Five inch reamer length with a handle of rubber over steel rod that is six inches long.	\$36.99		
	GHT121	Blast Shield Graphite Sophieta Straight Puffing Tool - Used to further inflate a vessel after it has been removed from the blowtube and attached to a punty. The vessel is reheated, and the conical nozzle of the sophieta is inserted into the vessel's mouth so that the aperture is blocked and air can be blown in through the sophieta.	\$65.00		
0.0	GHT122	Blast Shield Graphite Sophieta Bent Puffing Tool - Used to further inflate a vessel after it has been removed from the blowtube and attached to a punty. The vessel is reheated, and the conical nozzle of the sophieta is inserted into the vessel's mouth so that the aperture is blocked and air can be blown in through the sophieta.	\$65.00		
	GHT158	Griffin Small Tapered Graphite Flaring Tool/Pencil Reamer - 5/16" round by 2.5" long high grade graphite with a tapered point on a 7.75" long hardwood handle. Used for opening small holes, sculpting and flaring feet.	\$20.00		



GRAPHITE REAMERS, SOPHIETAS & GONG TOOLS/BRASS REAMERS



		GRAPHITE REAMERS, SOPHIETAS & GONG TOOLS	USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	GHT159	Blast Shield Gong Spinning Holder Clip for 10mm Joints - Holds the female glass joint onto a male gong. Easy on and off action. For 10mm joints.	\$10.00
8	GHT161	Blast Shield Gong Spinning Holder Clip for 19mm Joints - Same as above.	\$10.00
	EQ163	10mm Female Joint Forming Tool - Datum Tool Co This joint forming tool by Datum Tool Co. gives you the freedom to make your own 10mm female joints. Imagine how proud you will be when your crisp and clean female joint matches the rest of your piece. This affordable device literally puts that power in your hands. Datum tools are made in America from high quality graphite with superior craftsmanship.	\$150.00
1	EQ164	14mm Female Joint Forming Tool - Datum Tool Co Same as above.	\$150.00
	EQ165	19mm Female Joint Forming Tool - Datum Tool Co Same as above.	\$150.00
to training)	EQ200	Stainless Steel Reamer 0-14mm - Professional 0-14mm reaming knife allows you to make the perfect hole size. Stainless steel, high quality, durable and a very comfortable handle. Small and light weight with screw top allows for ease in carrying.	\$14.99
	EQ184	Datum Tool Co 10mm Female Joint Forming Tool Replacement Head - This 10mm replacement head is for the joint forming tool by Datum Tool Co. which gives you the freedom to make your own 10mm female joints. Imagine how proud you will be when your crisp and clean female joint matches the rest of your piece. This affordable device literally puts that power in your hands. Datum tools are made in America from high quality graphite with superior craftsmanship.	\$30.00
	EQ185	Datum Tool Co 14mm Female Joint Forming Tool Replacement Head - Same as above.	\$30.00
	EQ186	Datum Tool Co 19mm Female Joint Forming Tool Replacement Head - Same as above.	\$30.00
	EQ314	Menzies 10-25mm Pro Graphite Reamer w/ Counter Weight - This reamer features a hardwood handle and all stainless steel construction. The tool is well-balanced and ideal for flaring, poking and guiding your molten glass. All Menzies Series reamers and paddles are high density, fine quality graphite.	\$45.00
	EQ315	Menzies 2-15mm Pro Graphite Reamer w/ Counter Weight - Same as above.	\$38.00

		BRASS REAMERS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	GHT164	Griffin Universal Brass Ground Joint Reamer - This brass reamer is a 1-10 taper which has been machined to +/- 0.001". This means when you ream a fitting it should be a nice snug joint connection with little effort. This universal reamer size range is just taller than a 10mm fitting on the small end and just wider than a 19mm fitting at the widest point.	\$62.00
	GHT165	Griffin Small Square Brass Reamer - This tool's size range is 1 mm to 14mm. The square shape of this reamer works just like an octagonal reamer. The tip is very ideal for pendant loop, small diamond sheared openings, and very intricate tube shapes.	\$43.00
	E166	Griffin Glass Brass Reamer 2-22mm - Griffin Glass Tools are renowned for their quality and durability, and this brass reamer is no exception. The octagonal shape allows air to flow in and out of your piece while you're reaming. Another advantage to the shape is that spinning it in hot glass helps create a perfect circle. The taper starts at 2mm and widens to 22mm over the course of 2 inches. And it's made of brass, which means it will last. Don't forget the beeswax.	\$55.00
	E167	Griffin Glass Brass Reamer 2-28mm - Same as above except taper starts at 2mm and widens to 28mm over the course of 2.25 inches.	\$62.00



GROUND JOINT HOLDING TOOLS



JSA —		GROUND JOINT HOLDING TOOLS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	GHT129	Blast Shield Hollow Ground Joint Holding Tool For 10mm Fem - Offers extreme precision with tools that are assembled on a lathe and guaranteed to run true. The stainless steel handles are designed to have 1/4 inch hose slide over the end. The total length of the tool is just over 12 inches.	\$40.00
1	GHT123	Blast Shield Hollow Ground Joint Holding Tool For 14mm Fem - Same as above.	\$40.00
	GHT124	Blast Shield Hollow Ground Joint Holding Tool For 19mm Fem - Same as above.	\$40.00
	GHT130	Blast Shield Hollow Ground Joint Holding Tool For 10mm Male - Same as above.	\$40.00
0	GHT125	Blast Shield Hollow Ground Joint Holding Tool For 14mm Male - Same as above.	\$40.00
6	GHT126	Blast Shield Hollow Ground Joint Holding Tool For 19mm Male - Same as above.	\$40.00
1	GHT149	Griffin 10mm Female Joint Plug - Wood Handle - Most skilled flameworkers have been forming their own ground joints using a reamer and a waxed glass ground joint to finalize the tapered fitting. We designed this line of tools as a two part joint forming tool. Use the reamer to achieve 90 percent of the tapered fitting and the brass "plug" to finalize the shape. Both parts are the width and length of a German or Accugrind™ manufactured 10-1 ground joint.	\$35.00
	GHT140	14mm Ground Joint Plug - Wood Handle - Same as above.	\$35.00
	GHT141	19mm Ground Joint Plug - Wood Handle - Same as above.	\$35.00
	GHT144	14mm Ground Joint Reamer - Wood Handle - Same as above.	\$35.00
	GHT145	19mm Ground Joint Reamer - Wood Handle - Same as above.	\$35.00
	GHT151	Griffin 10mm Female Reamer - Wood Handle - Same as above.	\$35.00
-	GHT153	Griffin 10mm Male Ground Joint Forming Tool - Wood Handle - Same as above.	\$35.00
	GHT155	Griffin 14mm Male Ground Joint Forming Tool - Wood Handle - Same as above.	\$35.00
	GHT156	Griffin 19mm Male Ground Joint Forming Tool - Wood Handle - Same as above.	\$35.00
	GHT148	Griffin 10mm Female Joint Plug - Aluminum Handle - Most skilled flameworkers have been forming their own ground joints using a reamer and a waxed glass ground joint to finalize the tapered fitting. We designed this line of tools as a two part joint forming tool. Use the reamer to achieve 90 percent of the tapered fitting and the brass "plug" to finalize the shape. Both parts are the width and length of a Lenz or Accugrind™ manufactured 10-1 ground joint.	\$40.00
	GHT142	14mm Ground Joint Plug - Aluminum Handle - Same as above.	\$35.00
4	GHT143	19mm Ground Joint Plug - Aluminum Handle - Same as above.	\$35.00
	GHT146	14mm Ground Joint Reamer - Aluminum Handle - Same as above.	\$35.00
	GHT147	19mm Ground Joint Reamer - Aluminum Handle - Same as above.	\$35.00
	GHT150	Griffin 10mm Female Reamer - Aluminum Handle - Same as above.	\$40.00
- Jeals	GHT152	Griffin 10mm Male Ground Joint Forming Tool - Aluminum Handle - Same as above.	\$40.00
	GHT154	Griffin 14mm Male Ground Joint Forming Tool - Aluminum Handle - Same as above.	\$40.00
	GHT157	Griffin 19mm Male Ground Joint Forming Tool - Aluminum Handle - Same as above.	\$42.00



GRAPHITE PUSHES/GRAPHITE BOWL PUSHES



	GRAPHITE PUSHES				
IMAGE	PRODUCT #	DESCRIPTION	PRICE		
	E164	Griffin Glass 1/2" Push with Short Stainless Steel Tip - Griffin Glass Tools are renowned for their quality and durability, and this push is no exception. It measure 1/2 inch wide with a 1/8 inch stainless steel tip. The handle is made of premium wood and fits nicely in your hand. It's a well balanced tool that will last for years.	\$35.00		
	E169	Griffin Glass 5/8" Push with Short Stainless Steel Tip - Same as above except 5/8 inch wide with a 1/8 inch stainless steel tip.	\$35.00		
	E181	Griffin Glass 3/4" Push with Short Stainless Steel Tip - Same as above except 3/4 inch wide with a 1/8 inch stainless steel tip.	\$35.00		
•	E183	Griffin Glass 1/2" Graphite Push - Same as above except 1/2 inch wide.	\$28.00		
	E184	Griffin Glass 5/8" Graphite Push - Same as above except 5/8 inch wide.	\$28.00		
	E185	Griffin Glass 3/4" Graphite Push - Same as above except 3/4 inch wide.	\$28.00		
	GHT212	3/8" Premium Graphite Ice Pinch Push Blast Shield - This push is made in the USA from high density, isostatic graphite.	\$25.00		
	GHT213	1" Premium Graphite Push Blast Shield - This push is made in the USA from high density, isostatic graphite.	\$27.00		

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		GRAPHITE BOWL PUSHES	USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
0	GHT96	Blast Shield 1/2" Premium Graphite Push w/ Aluminum handle - High quality push with aluminum handle. 7 inch total length.	\$25.00
100	GHT134	Blast Shield 1/2" Premium Graphite Push w/ Small Tip - High quality push with aluminum handle, approximately a 5mm tip, and 7 inch total length.	\$35.00
1.	GHT135	Blast Shield 1/2" Premium Graphite Push w/ Large Tip - High quality push with aluminum handle, approximately a 25mm tip, and 8 inch total length.	\$35.00
0	GHT97	Blast Shield 5/8" Premium Graphite Push w/ Aluminum handle - High quality push with aluminum handle 7 inch total length.	\$25.00
100	GHT136	Blast Shield 5/8" Premium Graphite Push w/ Small Tip - High quality push with aluminum handle, approximately a 5mm tip, and 7 inch total length.	\$35.00
1	GHT137	Blast Shield 5/8" Premium Graphite Push w/ Large Tip - High quality push with aluminum handle, approximately a 25mm tip, and 8 inch total length.	\$35.00
100	GHT98	Blast Shield 3/4" Premium Graphite Push w/ Aluminum handle - High quality push with aluminum handle 7 inch total length.	\$25.00
	GHT138	Blast Shield 3/4" Premium Graphite Push w/ Small Tip - High quality push with aluminum handle, approximately a 5mm tip, and 7 inch total length.	\$35.00

GRAPHITE BEAD & MARBLE MOLDS 🏶



		GRAPHITE BEAD & MARBLE MOLDS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
00	GHM02	Tribal Face Push Mold 2-in1 Medium & Small — Small & Medium Tribal Face. Outside $5/8" \times 2" \times 3"$. Medium cavity is approximately $1/2"$ wide x 1 $1/2"$ tall x $3/8"$ deep. Small cavity is approximately $5/16"$ wide x 1" tall x $1/4"$ deep.	\$43.50
	GHM03	Leaf Base Push Mold — Outside 1/2" x 2" x 2". Cavity is approximately 3/4" wide x 1" tall x 1/4" deep.	\$25.75
• 9	GHM04	Skulls Mask Push Mold Style B — Outside dimensions 1/2" x 2" x 2". The cavity is approximately 1/2" wide x 3/4" tall x 5/16" deep.	\$25.75
	GHM05	Spiral Flower Push Mold — Outside dimensions $1/2" \times 2" \times 2"$. Cavity is approximately $7/8"$ diameter at the top, then progressively smaller as it goes to approximately $3/8"$ deep.	\$25.75
- N	GHM07	4-in-1 Facet Mold — 7/8" x 4" x 4". Circular cavities - 3/4" Diameter x 1/2" deep and 3/8" deep. Square cavities 3/4" x 3/4" x 1/2" deep and 3/8" deep.	\$75.00
	GHM08	4-in-1 Optic Mold - Heart — Outside dimensions $1'' \times 3'' \times 3''$ Optic molds measure approximately $5/8'' - 3/4''$ at the top and are $3/4''$ deep. The heart is approximately $1/2''$ at the top.	\$40.00
* *	GHM09	4-in1 Optic Mold - Star — Outside dimensions $1'' \times 3'' \times 3''$ Optic Molds measure approximately $5/8'' - 3/4''$ at the top and are $3/4''$ deep.	\$40.00
	GHM10	3D Skull Small 1" - 5/8" x 2" x 2" — Outside measurements 5/8" x 2" x 2". Skull cavity approximately 3/4" x 1" x 1/4" deep	\$36.25
	GHM12	Vortex Marble Mold — Outside 2 1/2" Diameter x 2 1/2" Long. Simple tapered cavity, 2" ID at the opening, tapering to approximately 1/4" Diameter at the bottom, 2" Deep.	\$36.50
	GHM13	30 Degree Cone Mold — Outside 4" Diameter x 4" Long Simple tapered cavity, 3" ID at the opening tapering to a point at the bottom 2.6" Deep	\$49.25
	GHM14	10-in-1 Marble Mold w/ mm Size - Made from fine grain graphite, this is a 10-in-1 marble mold (mm sizes)/marver tool. It also has an orange urethane handle. The marble mold cavities are all on one side and the mm sizes are cnc engraved. The back side is a smooth working surface to use as a multi-functional tool. The mm sizes are 12, 14, 15, 16, 19, 22, 25, 35, 42, 50.	\$75.00
	GHM39	Bump Style Marble Mold $1/2''$, $3/4''$, $1''$, $1-1/4''$, $1-1/2''$, $1-3/4$ — The Bump Style Marble Mold includes molds sized at $1/2''$, $3/4''$, $1''$, $1-1/4''$, $1-1/2''$ and $1-3/4''$. This unique design eliminates the sharp, blunt lip of the traditional marble mold and has smooth, rounded lips on each of the molds. Making your marbles round has never been so easy!	\$150.00
	GHM75	Bump Style Marble Mold 2-1/8" and 2-3/8" — The Bump Style Marble Mold includes molds sized at 2-1/8" and 2-3/8". This unique design eliminates the sharp, blunt lip of the traditional marble mold and has smooth, rounded lips on each of the molds. Making your marbles round has never been so easy!	\$150.00

GRAPHITE BEAD & MARBLE MOLDS/GRAPHITE MARBLE MOLDS

GRAPHITE BEAD & MARBLE MOLDS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
1	GHM40	Bead & Marble Mold 3/8 & 1/2 inch	\$26.00
- B ha	GHM41	Bead & Marble Mold 5/8 & 3/4 inch	\$26.00
	GHM42	Bead & Marble Mold 7/8 & 1 inch	\$28.00

		GRAPHITE MARBLE MOLDS	MADE IN THE USA
IMAGE	PRODUCT #	DESCRIPTION	PRICE
Page 1	GHM43	6 in 1 Graphite Marble Mold w/Mandrel Slots — 3/8, 1/2, 5/8, 3/4, 7/8, & 1 inch	\$45.00
000	GHM44	5/8", 7/8", and 1" Marble Mold - with 6" handle — No mandrel slots.	\$35.00
1000	GHM45	Griffin Glass - 1", 1 1/4" & 1 1/2" Marble Mold - The graphite on this marble mold is just over 5" long. The graphite is tapped on the end so that the handle connection does not interfere with the use of the tool. This style of attaching the graphite creates a very strong and rigid connection. The stainless steel post that is in between the handle and the connection the the graphite is 2 1/2" long. This stainless steel connection keeps heat from traveling to the aluminum handle.	\$52.00
8	GHM11	12-in-1 Marble Mold - 12 marble molds every 1/8" from 3/8" to 1 3/4". The marble mold's total dimensions are 2" x 4 1/4" x 4 1/4".	\$75.00
	GHM60	1 1/4 inch with 7 inch handle	\$22.00
	GHM61	1 1/2 inch with 7 inch handle	\$22.00
	GHM62	1 3/4 inch with 7 inch handle	\$34.00
	GHM63	2 inch with 7 inch handle	\$34.00
	GHM68	2 ½ inch with 7 inch handle	\$75.00
	GHM69	3 inch with 7 inch handle	\$90.00
	GHM70	4 inch with 7 inch handle	\$100.00



GRAPHITE MARBLE MOLDS/EAR GAUGE MOLDS 🌑



USA	GRAPHITE MARBLE MOLDS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
100	GHM64	Small 6-in-1 Mold - with the following sizes 3/8, 1/2, 5/8, 3/4, 7/8, & 1" in a small, aprox., 2 x 3" piece of ultra fine grade graphite. 3 sizes machined into each side of the mold.	\$40.00	
0000	GHM65	Large 4-In-1 Mold - with the following sizes 1 1/4, 1 1/2, 1 3/4, & 2". Made from ultra fine grade graphite of the highest quality. About 8" long & tapered width from 2 1/2" at one end to 1 1/2" at the other, 1 1/4" thick. No handle but has a mounted L shaped aluminum plate with holes for securing to the work surface. Sanded edges around the top of each mold size.	\$94.00	
	GHM76	Mike Close Marble Mold - Handled Bump Style - Small 3 Spot - The Bump Style Marble Mold by Mike Close includes three molds, sizes 1/2", 3/4", and 1", mounted on a handle for easy maneuvering. is cut into a 3-5/8" X 2-1/2" piece of high density graphite. With the radius rim, you can easily get to 1 3/4 inch diameter marbles. Due to the unique geometry of the rim, this mold will help make the rounding of your marbles easier and less time consuming than other molds. This mold is perfect for those with small torches working on oxygen concentrators. This mold also makes a great tool for cleaning up the final punty mark and transferring to the kiln.	\$93.00	
	GHM77	Mike Close Marble Mold - Handled Bump Style - Large 3 Spot - Same as above. The Bump Style Marble Mold by Mike Close includes three molds, sizes 1", 1-1/4", 1-1/2", mounted on a handle for easy maneuvering. is cut into a 4" X 4" piece of high density graphite. With the radius rim, you can easily get to 1 3/4 inch diameter marbles.	\$107.00	
	GHM81	2 in 1 Graphite Marble Mold - 2 1/2" & 3"	\$60.00	
		EAR GAUGE MOLDS		
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
A STATE OF THE PARTY OF THE PAR	GHM144	CGBeads Small Tunnels Ear Gauge Mold - Finally you can make identical ear gauges and plugs in exact sizes. CGBead molds are made in Texas from the highest quality graphite. And the handles are cool too! This is the Small Tunnels version. The mandrel slots measure 1mm smaller than the gauge mm (ie. 8x12 slot is 7mm). CAVITY SIZES (mm): 3x12, 4x12, 5x12, 6x12, 7x12, 8x12, 9x12, 10x12, 11x12, 12x12, 13x12.	\$53.00	
Sales	GHM145	CGBeads Medium Tunnels Ear Gauge Mold - Same as above. This is the Medium Tunnels version. The mandrel slots measure 1mm smaller than the gauge mm (ie. 8x12 slot is 7mm). CAVITY SIZES (mm): 14x12, 15x12, 16x12, 17x12, 18x12, 19x12.	\$53.00	
2000	GHM147	CGBeads Small Plugs Mold - Same as above. CAVITY SIZES (mm): 3x12, 4x12, 5x12, 6x12, 7x12, 8x12, 9x12, 10x12, 11x12, 12x12, 13x12.	\$53.00	
1 60	GHM148	CGBeads Medium Plugs Mold - Same as above. CAVITY SIZES (mm): 14x12, 15x12, 16x12, 17x12, 18x12, 19x12, 20x12.	\$56.00	

EAR GAUGE MOLDS/GRAPHITE PADDLES

	EAR GAUGE MOLDS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	GHM149	CGBeads Large Tunnels Ear Gauge Mold - Same as above. CAVITY SIZES (mm): 3/4" 7/8" 15/16" 1"	\$56.00	
	GHM171	CGBeads Large Plugs Mold - Same as above. CAVITY SIZES (mm): All are 12mm hole to hole 7/8", 1", 1-1/16", 1-1/8"	\$56.00	
	GHM172	CGBeads X-Large Plugs Mold - Same as above. CAVITY SIZES (mm): All are 12mm hole to hole	\$65.00	



		STANDARD GRAPHITE PADDLES	USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
700	GHT20	1 1/2 Inch X 2 1/2 inch paddle — 6" Rubber Coated Handle	\$14.00
	GHT21	2 Inch X 3 inch paddle — 6" Rubber Coated Handle	\$14.00
	GHT22	3 Inch X 3 inch paddle — 6" Rubber Coated Handle	\$16.00
	GHT23	3 Inch X 5 inch paddle — 6" Rubber Coated Handle	\$26.00



		DELUXE GRAPHITE PADDLES	USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	GHT30	2" x 3" Paddle 8.5" Long Aluminum Handle — High grade graphite and improved handle attachment (the handle is securely attached to the graphite with two bolts going through a steel bracket for added stability and strength).	\$18.00
	GHT24	4" x 6" Paddle 8.5" Long Aluminum Handle — Same as above.	\$45.00
	GHT25	4" x 6" Paddle 14" Long Aluminum Handlee — Same as above.	\$40.00
	GHT26	6" x 8" Paddle 8.5" Long Aluminum Handlee — Same as above.	\$65.00
	GHT27	6" x 8" Paddle 14" Long Aluminum Handlee — Same as above.	\$65.00
	GHT163	Blast Shield L-Marver Paddle — This paddle is for the lathe worker who wants two graphite surfaces while working. The marver is .5" thick, with a 3" x 3" x 3.25" work surface. The entire item measures 18" long, with the handle itself measuring 14".	\$75.00



GRAPHITE PADDLES & WORK SURFACES/STUMP SUCKERS



USA	GRAPHITE PADDLES & WORK SURFACES			
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	GHP90	6 X 6 X ½" Thick Graphite Plate, HLM Material	\$22.00	
	GHP91	12 X 12 X ½" Thick Graphite Plate, HLM Material	\$73.93	
1	GHP92	6 X 6 X ¼" Thick Graphite Plate, HLM Material	\$18.00	
	GHP93	12 X 12 X ¼" Thick Graphite Plate, HLM Material	\$46.97	
6	GHT05	Frit Spoon - 1" Diameter — Outside 1" Diameter and 5" Long. The spoon cavitiy is 1 1/2" long. This is a great tool for spooning glass frit without worrying about damage to the spoon if hot glass is contacted. Scoop the frit and use this spoon to actually work with the fired glass.	\$20.75	
	GHT06	Vin Pin - 2" Diameter — Designed by John "vineE" Vinson. The base is 3" Diameter and 1" thick. The top is a fine grain graphite drilled for the pins with a secure fit to the base - 2" Diameter and 3/8" thick, with 91 holes. The pins are solid brass. To change designs, unscrew the base hold down screw. Invert the tool and allow the top to separate from the base. Remove as many pins as you want to alter the design and reassemble.	\$82.00	
	GHT07	Vin Pin - 4" Diameter — Designed by John "vinE" Vinson. The base is a 5" diameter and 1" thick. The top is a fine grain graphite drilled for the pins and fits nicely into the 4" Diameter base. The pins are solid brass. To change the design, simply unscrew the base and hold down the screws. Invert the tool and allow the top to separate from the base. Remove as many pins as you want to alter the design.	\$105.00	
	GHT08	Vin Pin - 2" x 3" — Designed by John "vineE" Vinson. 2" x 3" with Brass Pins. The outside base is made of a medium grain graphite 1" thick x 3" wide x 4" long. The top insert of fine grain graphite is 3/8" thick x 2" wide x 3" tall, with 125 solid brass pins. To change designs, simply unscrew the base, invert the tool, and allow the top to separate from the base. Remove as many pins as you want to alter the design and reassemble.	\$82.00	
	GHT28	Blast Shield - Mini Paddle 2.38" x 1.5" - Standard square edge mini paddle 1/4" thick graphite. 2.38" Tall x 1.5" Wide x .25" Thick Graphite , with Approx. 11" long 1/4" Diameter Wood Handle.	\$20.00	
	GHT202	2" x 3" Sharp Tapered Edge Paddle - Left Handed - Blast Shield - The Blast Shield 2" x 3" paddle is made from high quality graphite with sharp tapered edges ideal for cutting and shaping your work. This is the left handed model.	\$25.00	
	GHT203	2" x 3" Sharp Tapered Edge Paddle - Right Handed - Blast Shield - The 2" x 3" paddle is made from high quality graphite with sharp tapered edges ideal for cutting and shaping your work. This is the right handed model.	\$25.00	



USA STUMP SUCKER				
IMAGE	PRODUCT#	DESCRIPTION	PRICE EACH	
	GHT73	1 1/2" Stump Sucker With Filter, Mouthpiece & Hose - The Stump-sucker is a very clever, simple and inexpensive graphite tool that uses suction to encase objects in clear glass. Here's how it works: the object is placed in the graphite chamber, heated with a torch, and then covered by a molten mass of clear glass. Using the hose with mouthpiece, the artist becomes the vacuum pump, sucking through the hose to pull clear glass around the object being encased.	\$59.95	
	GHT75	Replacement Hose & Filter Set for Stump Suckers	\$10.00	



PADDLES, SHAPERS, MASHERS & MOLDS



		PADDLES, SHAPERS, MASHERS AND MOLDS	USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	B32	Smircich/Henley Graphite Paddle — This 2" X 4" graphite paddle incorporates the Smircich Tail Stock Holder into its design. One of the outside corners is clipped off at a 45° angle and has a cup shape. Henley greatly improved on this by designing a stainless steel insert for the cup shape. Like the Smircich Tail Stock Holder, the paddle's special feature is used by placing the tip of the mandrel into the cup to steady it. By holding the paddle/tail stock holder in one hand and the mandrel in the other, you can control the bead within the flame more easily.	\$25.00
1	B33	Mikie Stump Shaper — Originally designed for making core vessels, the Mikie shaper has come to be an excellent general purpose shaping tool. Mounted to a durable heat resistant handle, a piece of graphite measuring $34''$ X $34''$ has a radius running down the overall length, which is $2\frac{1}{2}''$. At the end is a chisel tip.	\$22.00
	B34	Graphite Stump Shaper, 2" X 2½" — Designed for glass bead sculptural genius Loren Stump to aid him in producing the incredible detail and definition he has become so famous for. One long side has a radius on its edge. The opposite side has a 1/4" radius that tapers to a point at the end of the paddle where the corner of the paddle is rounded. The end of the paddle is machined to a chisel edge. This is a most valuable tool for creating your own sculptural beads and murrinis.	\$25.00
	B36	Osibin Lentil Shaper — Graphite shaping tool for making lentil bean shaped beads. Better than pressing the glass between two curved shapes of a mashing tool because each of the tool's four diameters has a different curve to them that, when worked over the glass, can give you near limitless diameters and profiles. Used by heating one side of the bead and working the molten glass in the mold, then heating the other side and working that side. The final form takes shape surprisingly fast.	\$24.00
-	B101	Baroque Shaper — Graphite mold has two sizes of Ogee profiles to make beads with a baroque look like the ones pictured to the left.	\$24.00
4-	GHT33	Graphite Triangular Shaper — Makes flaring a snap! This tool is approximately 2" wide, 3" long and 3/8" thick.	\$25.00
<	E112	Triangular Stainless Shaper/Flaring Tool — Lightweight stainless shaped into an arrow head that provides edges that are ideal for sculpting and flaring. Features a lightweight metal handle.	\$5.50
10	GHT09	Ring Sizer Graphite Tool — Fine Grain Graphite Glass Ring Sizer Turned/Machined and grooved on a lathe. Nineteen grooves of different sizes ranging from 1" at the largest diameter point to .377" at the smallest diameter point.	\$37.50
	GHT94	Dinah Masher $-2 \times 3''$ Graphite Block, $3/4''$ Thick, Contoured Wood Handle Graphite mashing paddle. Used to mash glass against a marvering pad.	\$35.00
2	GHT95	Blast Shield Hand Press (Masher) — This graphite hand press, with a comfortable wooden handle, is perfect for getting a flat mash of dichro, color, clear or whatever else your imagination may desire. The graphite plate is 5.5" x 6".	\$79.00
2	GHT109	Graphite Necking Tool — This graphite V-shaped blade is an excellent tool for creating very tight shaping and restrictions in either blown or solid work. The Necking Tool will stand alone on your bench or use the mounting holes for an extra stable position. The total size of the tool is 3" tall X 3" wide.	\$25.00
	GHT32	Graphite U Blade — The Graphite U Blade is made from a high density, isostatic graphite that is 1/2 inch thick. This graphite blade is sharpened for shaping and necking glass. The stand has rubber feet and has holes provided for easy, safe mounting to one's work bench.	\$70.00



PADDLES, SHAPERS, MASHERS & MOLDS 🌑



USA	PADDLES, SHAPERS, MASHERS AND MOLDS				
IMAGE	PRODUCT#	DESCRIPTION	PRICE		
1	GHT34	Graphite Buck Knife Blade - Carve and shape your glass using these tools which featue 3" blades and wooden handles.	\$25.00		
	GHT35	Griffin Brass Filet Knife - These brass knives, made by Griffin Glass Tools, are designed for all kinds of sculpting techniques. Spot heat an area and use these perfectly shaped knife blades to push, carve, and sculpt crisp, clean details in any solid or hollow form. The filet knife has two useful edges as well as a pointed tip for a great variety of uses.	\$50.00		
	GHT36	Griffin Brass Steak Knife - Same as above. The steak knife has a very nice knife edge that rounds out to the tip to allow for smooth follow-through on carved lines.	\$45.00		
1	EQ05	Stainless Steel V Blade Mounted to Stand - V tools are the perfect tool for necking or shaping hot glass. The tool is mounted to a 6 inch by 6 inch stand with rubber feet for added stability and also comes with holes designed to be mounted to one's work bench. The blades come sharpened and are 2 inches wide.	\$50.00		
	EQ06	Stainless Steel V Blade That Mounts To Your Bench - Same as above without the stand.	\$29.00		
-	EQ75	Stainless Steel Trowel - This stainless steel trowel is 8" long and 2.5" wide. It's large enough for shaping big gathers, but has unique contours for even the smallest bead. It is great for making murrini, dichroic cane or any mashing needs.	\$19.00		
	EQ83	4 Piece Carving Set - This stainless steel 4 Piece Carving Set is made up of four tools measuring from 5.75", 6.5", and 7" and 7.5" long. 3 of the tools are double ended, for a total of 7 shaping tools. It comes in a protective plastic sleeve and has shaping tools for virtually all of your carving needs at a steal of a price!	\$8.00		
0	GHT131	Small Graphite Butter Knife - The graphite butter knife is a great tool for carving, shaping and impressing into glass. It is approximately 3/4" wide at the tip. One side of the tool is sharpened to a blade. It comes with an aluminum handle.	\$25.00		
*	B68	Spinning Top Mold - Easily create $1\frac{1}{2}$ " diameter spinning tops with this new mold design. The mold has two profiles, one for the top side and another for the bottom side. It also creates the spinning point and sets the handle location. The 2 page instructions we send along make this an easy to use fun project for any lampworker with basic to intermediate skills.	\$35.00		
-	B69	Spinning Top Mold - Same as above with 1" diameter mold	\$30.00		
	EQ312	Menzies 2" x 4" Pro Paddle w/ Rounded Edge - This 2" x 4" counter weighted paddle features a 6" ash hardwood handle, all stainless steel construction and a rounded edge. This tool is well-balanced and ideal for shaping molten glass. All Menzies Series reamers and paddles are high density, fine quality graphite.	\$55.00		
	EQ313	Menzies 6" x 8" Pro Graphite Paddle w/ Counter Weight - Same as above.	\$90.00		
	GHT29	4" x 6" Ultimate Paddle - Griffin Glass Tools - A 4" x 6" counter-weighted paddle with hardwood handles and all stainless steel construction. All Menzie Series reamers and paddles by Griffin Glass Tools are high density, fine quality graphite. The Menzies Ultimate Paddle features a beveled edge and a V notch. The V notch can be used as a rest and is also useful for marble making.	\$80.00		
	GHP94	12" x 12" x 3/4" Graphite Plate	\$104.00		

CUTTING TOOLS

	LOPPERS – SHEARS – CUTTERS - OIL			
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	CO1	Wheel Glass Nippers — (Mosaic Cutters) with two round cutting wheels. For cutting rod, small tubing, stained glass, etc. These are the high quality Leponitt Brand Loppers.	\$25.00	
	C02	Replacement Wheels for Leponit Cutter	\$17.25	
AADE IN THE USA	C09	Tungsten Carbide Scoring Knife — Diamond sharpened edge for easy glass scoring. The tungsten carbide blade remains sharp under hard use.	\$15.00	
ADD IN THE USA	C11	6 Inch Scribe — Pointed carbide diamond tip in a pen style mount with magnet on the other end.	\$9.85	
MADE IN THE USA	C15	Small JAWS Cutting Tool — Now being made on a CNC mill, the new small JAWS are more accurate and consistent. The scoring wheel is held in place with a roll pin, reducing the bulk of the tool, and offering a smoother surface for the wheel to roll on. The opposite jaw is now a V-groove, providing better support for both large and small diameter rods and tubing. These will easily score rod or tubing up to 25mm, and have been used on tubing up to 38mm.	\$45.00	
MADE IN THE USA	C16	Large JAWS Cutting Tool — The new large JAWS have been completely redesigned, and are now machined from solid aluminum. This assures much better accuracy and alignment between the glass tubing and the scoring wheel. The glass tubing is now supported by 5 bearings, offering a non-scratching, friction free support for the glass. These will easily score 50mm tubing by hand, and have been used cleanly on tubing up to 75mm.	\$110.00	
@ o	C17	Replacement JAWS Cutting Wheel — This will fit both the large and small JAWS cutting tools.	\$6.00	
MADE IN THE USA	C18	JAWS Donut Tool/Bail Looper — Will make a 1/8" hole. It has 1/4" stainless jaws and 1/8" tungsten point. The tungsten point is set in to a hole inside of the stainless jaws. This tool is great for bail loops or donuts.	\$55.00	
88	C19	Medium Diamond Shears — This age old design is now available in a size geared to flameworking. The blades of these shears are each shaped with a large V in them. When the shears are closed onto hot, pliable glass, up to 1" in diameter, they form a square, or diamond, around the glass, contacting it in four spots. Squeeze the shears closed a little, and the glass uniformly constricts. Close the shears all the way and the glass is cut clean.	\$35.00	
AADI IN THE USA	C20	Cutting Edge Dante Diamond Shear — Glass artist extraordinaire Dante Marioni had a favorite pair of shears so cracked, corroded and welded-over we called them "Frankenshears." When they finally gave out, he called Jeff and together they worked up a design that met Dante's needs.	\$225.00	
MADE IN THE USA	C21	Cutting Edge Big Diamond Shear (a.k.a. Big Combo Shear) — Same great cut and quick action as our Dante Diamond, but with more capacity. With the Big Diamond you can easily grab a one inch blowpipe or cut a two inch column of glass.	\$253.00	
MADE IN THE USA	C23	Cutting Edge Small Straight Cutoff Shear - These classics are thin-blade Italian-style bubble shears. They're light and nimble and especially useful for making hand blown Venetian stemware.	\$188.00	
MADE IN THE USA	C24	Cutting Edge Duckbill Shear - This is our best selling trim shear, hands down. Configured to cut thick or thin, its round nose eliminates snagging on the opposite side of the cut; the ingenious curve of the blade keeps the cutting edge constant, and the action consistent. The Duckbill Shear doesn't close all the way, so the blade stays in the cut.	\$183.00	
MADE IN THE USA	C25	Cutting Edge Parramore Diamond Shear - These terrific diamond shears, designed in collaboration with lampworking wizard Roger Parramore, are for lamp workers doing larger pieces at the torch. They're short and compact, and open fast!	\$199.00	

CUTTING TOOLS

LOPPERS – SHEARS – CUTTERS - OIL			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
MADE IN THE USA	C26	Cutting Edge Parramore Slim Trim Shear - Roger Parramore (a.k.a. "The Human Lathe") liked Jeff's Cup Shear, but needed something smaller to reach into tight places. So Jeff slimmed a pair down and now Roger's happy!	\$145.00
USA C	C27	Cutting Edge Big Cutoff Diamond Shear - This shear was originally produced for cane pulling. With the popularity of boro tube making, as well as murrini making, it has been brought back into production. It has the same blade material and thickness as the Big Combination, Medium Cutoff, and Big Straight Shears. Since it will be used for cane pulling, the pipe grabber was eliminated.	\$260.00
USA S	C29	Cutting Edge Mini Duckbill Shears - Configured to cut thick or thin, the duckbill's round nose eliminates snagging on the opposite side of the cut; the ingenious curve of the blade keeps the cutting edge constant, and the action consistent. The duckbill shear doesn't close all the way, so the blade stays in the cut. This smaller version of the regular duckbill shear measures 8" in length with 1.25" long blades.	\$145.00
R.	C30	Large Cup Shears - Measure 8" long, featuring stainless steel 1.5" blades that are 4mm thick. These well made shears are great for cutting and trimming hot glass on cups, goblets, or any blown vessel. These shears are a standard for any lampworker's bench.	\$34.00
48	C31	Light Cup Shears - Excellent for trimming hot glass pieces such as cups, goblets and blown vessels. They measure 8" in length, with a 1.5" long blade that is 2.5mm thick. The red handles help protect your hands from the heat and provide easy gripping. Made from stainless steel.	\$20.00
36	C32	Large Diamond Shears - These heavy duty large diamond shears have long lasting durability and excellent craftsmanship. They are ideal for cutting and shaping hot glass. Total length is 9.5", blade length is 50mm and blade thickness is 5mm.	\$55.00
8	C33	Cutting Edge Salt Trim Shear - These durable, balanced shears measure a full length of 9.5" and feature 2" blades. The blades are narrower than our Small Straight Cutoff Shears and longer than our Slim Trim Shears.	\$188.00
MADE IN THE USA	E115	Spring Loaded Tubing Cutter - These easy to use spring loaded tubing cutters are designed to safely score and cut glass tubing up to 1.5 inch in outside diameter	\$19.95
	C12	Economy Pistol Grip Cutter - Very similar to the Toyo, this is a great, durable alternative.	\$12.95
	C05	Novacan Cutting Oil - A non-toxic, water clean-up cutting oil for oil-fed cutters. 8 ounces.	\$5.95
A	C06	Metal Running Plier/Glass Snapper - Designed to make breaking glass a snap. You can break straight to gentle curves by simply placing the center line on the runners over your score line and applying gentle pressure. Rubber coated tips.	\$8.50
D	C08	Large hot glass shears - 6" blade.	\$7.00
USA	E01	Large 12 Inch Long Mashers With 2 X 2 Inch Paddles - Adjustable closing height	\$39.60
	C70	Economy Wheeled Glass Nippers - Mosaic Cutter - Wheeled glass nippers (Mosaic Cutters) with two round cutting wheels. They are perfect for quickly cutting rod, small tubing, stained glass, and cutting small slices of millefiori.	\$19.99

(III) CUTTING TOOLS & JACKS/MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS

CUTTING TOOLS & JACKS				
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	C71	Tungsten Carbide Scoring Knife - 4 Sides - diamond sharpened edge for easy glass scoring of tubes and rods. The tungsten carbide blade remains sharp under hard use. The rounded handle makes for comfortable use. The tungsten carbide blade has four sides for easy use from any direction.	QTY	PRICE
			1-4	\$14.99
		combination cost. The tengritan canada state has too states for easy occurrent any another.	5+	\$12.99
	C74	Toyo Neon Comfort Grip Super Cutter - Toyo neon self-oiling carbide wheel cutter. 1/8" 135 degression. Reservoir lubrication system. Plastic contour grip handle. Includes dropper for lubricant. Various colors available. Lubricant not included.	\$27.95	
	C81	Tungsten Carbide Lobster Claw Glass Nipper - Tungsten Carbide Lobster Claw Glass Nippers are an amazing option for cutting. They are perfect for quickly cutting rod and cutting small slices of millefiori.	\$19.99	
8	C82	G2 Generation Green Bottle Cutter - Made from recycle aluminum, the G2 bottle cutter is lightweight and allows you to easily score and separate discarded bottles and wide-mouth jars in 3 steps. Its 6 turreted cutting head means cutting longevity. Using the G2 Bottle Cutter you can turn old glass bottles and jars into glass sculptures, vases, lamp shades, votive holder or fashion anything you can imagine. Contents include one bottle cutter, two 4" x 4" polishing pads, tapper, and instructions.	\$28.05	
.4	Pneumatic Murrine Cutter	Pneumatic Murrine Cutter - No matter how you cut it (or spell it), Bugeye Products has developed the easiest, fastest and most consistent way to make murrine/murrini glass slices. This one-of-a-kind tool is designed to cut round, rectangular or flat glass murrine up to 7/8 inch (22 mm) thick.	\$1	,500.00

MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	E03	Large 11 Inch Long Mashers With 2 X 2 Inch Paddles — Adjustable closing height. Heavy gauge steel construction with wooden handle grips. Please Note - These are import mashers, hence the lower price is possible. Compare these with the other two we offer that are made in the USA. These are steel, not stainless and will rust over time (use steel wool to remove easily). The set screws are not as sturdy as on the US models and you may find other small imperfections. Overall however these provide a great value.	\$21.89
	EQ81	Curved Bead Masher — The Curved Bead Masher is made of stainless steel. It measures 8" long, with the head measuring 1.75" inches wide and 1.5" long. The head is curved for easy shaping of beads and also works very well as a grabber/holder for picking up hot glass.	\$29.00
7	EQ82	Bead Masher with Set Screw — This stainless steel Bead Masher with Set Screw is 8.5" long with mashers that measures 1" x 1.25". The masher is nearly parallel when fully compressed, is easy to control, and comfortable to hold. This is a great medium sized masher for any and all flattening needs.	\$29.00
7	E04	Small Curved 1 1/2 X 7/8 Inch Leaf Pliers — Makes an impression of a leaf on any hot gather of glass	\$19.99
	EQ72	Mashing Tweezers, 8" Long With 1" x 1" Pad	\$8.00
	E05	Mini Mashing Pliers — 3/4 X 3/4 inch pad	\$17.89

MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS 🌑



MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS			
IMAGE	PRODUCT #	DESCRIPTION	PRICE
	E35	Mini Mashing Tweezers, 3/4" x 3/4" Pad — 8" Long With 3/4" x 3/4" Pad	\$8.00
	B38	Bail Biter — These pliers are designed like the Peters Tweezers and work very much the same way but give you more control and power when making loops and holes for pendants, vessels and buttons	\$19.95
+	EQ80	Tungsten Tipped Bail Biters — Total inside tungsten length measures 1.5" with each piece of tungsten measuring 0.75". Total length of the tweezers measures 8".	\$39.00
	EQ86	6" Tweezers - Non-serrated — These stainless steel tweezers measure 6".	\$3.00
1	EQ87	8" Tweezers - Non-serrated — These stainless steel tweezers measure 8" long.	\$3.50
//	EQ88	10" Tweezers - Non-serrated — These stainless steel tweezers measure 10" long.	\$4.00
	EQ89	12" Tweezers - Non-serrated — These stainless steel tweezers measure 12" long.	\$6.00
	E06	8 Inch Tweezers — Serrated ends to enhance grip	\$3.50
111	E07	10 Inch Tweezers — Serrated ends to enhance grip	\$4.00
11111	E08	12 Inch Tweezers — Serrated ends to enhance grip	\$6.00
	EQ14	18 Inch Tweezers — Serrated ends to enhance grip	\$11.00
611.	E68	24 Inch Tweezers — Serrated ends to enhance grip	\$19.00
	E09	Set of 8, 10, & 12 Inch Tweezers	\$11.00
8	EQ76	High Quality Flat Tweezers — These high quality, flat stainless steel tweezers measure 10" long and .5" wide. These tweezers are the universal lampworking tool and are an essential piece of every lampworker or glass blower's bench.	\$24.00
	EQ84	Straight Tungsten Tipped Tweezers — These thick handled straight tip tweezers are 7.5" long and are perfect for tweezing in those hot places! The tips are made of heat-resistant tungsten and will withstand high temperatures, even in the flame. The thick handle design provides a significant improvement in the strength and control of these tweezers compared to some thinner tweezer designs that are available from other suppliers.	\$34.00
1	EQ32	Griffin True Flameworking Jacks — These True Flameworking Jacks are the first of their kind. They are made with the same trusted heat tempered stainless steel as the popular mini jacks. This kind of tempering allows the jack's blades to tolerate constant exposure to heat and direct flame. The jack blades are 2.75" long and have a rounded back edge. The top curves in and comes to a fine point. The blades have been turned 90 degrees from the arms like traditional jacks. The overall length of 11.25" make these jacks truly the correct scale for flameworking.	\$130.00
the state perfect best	EQ71	Cutting Edge Pinner Jacks — This is Cutting Edge's Smallest Black Jack to date. The "Pinner" combines Cutting Edge's small jack handle with 5 1/2" long jack blades. These are just the right size for the Boro Artist.	\$300.00
	EQ18	Cutting Edge Small Jacks — Lightly sprung and exactly right for Venetian-style goblets, cups and other light glassblowing work.	\$300.00
	EQ19	Cutting Edge Medium Jacks — Wider and heavier-sprung handle for larger work.	\$325.00

MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS

MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	EQ31	Magic Mini Jacks — The Magic Mini Jacks can be used to ream open the smallest opening using on of the triangle shapes blades and moving in and out of the flame. Use the outward force of the beveled edge jack blades for opening any 2" or smaller tube or encalmo section for a nice even wall and cup shape. Other great uses for the Mini Jacks are finishing of hollow beads, pendant loops, fine tuning a mouth piece or raised carbs or even opening the constriction on a down stem. The Mini Jacks are made of hardened stainless steel which can withstand much more heat than common stainless steel. The jacks can be held directly in the flame for a few seconds without damage to the steel.	\$50.00
	EQ90	Medium Knife Jacks — These stainless steel knife jacks measure a total of 14" in length with a 8" handle and 6" long blades. The blades taper down to approximately 2mm, opening even the smallest of holes. The outside of the blades are rounded with flat insides. They have an extremely light spring for easy control. These jacks are excellent for opening cups, goblets, or any blown vessel. The back of the handle also works very well for a convenient paddle.	\$60.00
	EQ78	Large Knife Jacks — These stainless steel knife jacks measure a total of 20" in length with a 6" handle and 10" long blades. The blades taper down to approximately 4mm opening even the smallest of holes. The outside of the blades are rounded with flat insides. They have an extremely light spring for easy control. These jacks are excellent for opening cups, goblets, or any blown vessel. The back of the handle also works very well for a convenient paddle.	\$60.00
	EQ85	Thick Bent Tungsten Tipped Tweezers — These thick handled straight tip tweezers are 7" long and are perfect for tweezing in those hot places! The tips are made of heat-resistant tungsten and will withstand high temperatures, even in the flame. The thick handle design provides a significant improvement in the strength and control of these tweezers compared to some thinner tweezer designs that are available from other suppliers.	\$34.00
	E12	Angled Tweezers — These 7" tweezers have an angled tip to make picking up small objects a breeze.	\$4.50
	EQ70	6" Straight Reverse Tweezers — These 6 1/2" tweezers are always closed until you compress them open. The straight tip makes picking up small objects, metals & gems a breeze. A must have for bead and pendant artists. They also work very well for opening up those pesky holes that get too small.	\$4.75
6	E10	6" Bent Reverse Tweezers — These 6 1/2" tweezers are always closed until you compress them open. Angled tip makes picking up small objects, metals & gems a breeze — perfect for opening up small loops or holes.	\$4.75
30	E11	Hemostat Tweezers — These 9 1/2" tweezers have 2 loops through which you slide you fingers and a 4 position locking clamp. 2 smaller loops at the opposite end make these perfect for grabbing marbles or other round items.	\$ <i>7</i> .50
	EQ77	Lentil Tweezers — These stainless steel, thick handled tweezers are perfect for those hot marbles and beads! They measure 7.5" in length and the lentil cups are 3/4" wide.	\$12.00
-	E182	Griffin Glass Tungsten Tipped Stainless Steel Tweezers - These tweezers are made of tempered stainless steel and measure 9 inches from the tip to the hinge. The tungsten tips are replaceable which allows for different shaped tungsten to be used.	\$68.00
	EQ08	Blast Shield Silica Bronze V-Blade That Mounts To Your Bench — Silica Bronze is the latest and greatest material for necking tools. The material provides the smoothness of graphite, but holds up like stainless steel. It also leaves the least amount of material on the glass, per any material out there. It also does not require the use of wax to work with.	\$40.00

MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS 🌑



	MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
1	EQ135	Blast Shield Stainless Steel Flaring Tool — This Blast Shield flaring tool features a 3" stainless steel triangular head with a durable 5" wooden handle. It measures a total of 9.5".	\$20.00	
60	EQ161	The Infini-V Constriction Tool by Firekist — These sharpened stainless steel wheels rotate along with your glass, so that they will not wear out the way a traditional V does. Not only will they stay sharper much much longer, they will not become misshapen like traditional V's.	\$100.00	
	GHT204	Blast Shield Graphite Large Curve Shaper - This advanced-design tool is excellent for refining the shape of your art, and the high quality graphite ensures that this tool will last.	\$25.00	
	GHT205	Blast Shield Graphite Small Straight Shaper - This advanced-design tool is the next generation of reamers, and the high quality graphite ensures that this tool will last.	\$25.00	
	GHT206	Blast Shield Graphite Small Curve Shaper - This advanced-design tool is excellent for refining the shape of your art, and the high quality graphite ensures that this tool will last.	\$25.00	
	GHT207	Blast Shield Graphite Small Angle Shaper - This advanced-design tool is excellent for refining the shape of your art, and the high quality graphite ensures that this tool will last.	\$20.00	
4-	GHT208	Blast Shield Graphite Small Cone Shaper - This wood-handled cone shaper made from high density, isostatic graphite is ideal for poking, reaming and guiding openings towards perfection. No tool set is complete without a Small Cone shaper.	\$15.00	
-	GHT209	Blast Shield Graphite Large Cone Shaper - This wood-handled cone shaper made from high density, isostatic graphite is ideal for poking, reaming and guiding openings towards perfection. No tool set is complete without a Large Cone shaper.	\$25.00	
1	GHT210	Blast Shield Small Masher - This small graphite press, with a perpendicular wooden handle, feels good in the hand. It allows for mashing smaller sections of work and will be the perfect addition to your workbench.	\$35.00	
-	GHT211	Blast Shield Graphite Octagonal Darby Reamer - Designed by Darby Holm, this tool features a wooden handle, an octagonal reamer with small paddle. This will bring a new level of efficiency to your work. Focus on your molten glass, not which tool you have to grab next.	\$55.00	
><	EQ27	Cutting Edge Pi DividerWhen it comes to processes like cane pick-ups and roll-ups, wellyou just can't avoid the old pi x diameter = circumference conundrum. This little tool saves you the anguish of math.	\$75.00	
The best of the second	EQ151	Griffin Finishing Tongs with Sleeve - These are a very stout, heavy-duty pair of tongs. The arms have turned in edges which gives them extra holding strength. The woven sleeves slip over the tongs and are easily replaced. This heat resistant material is rated up to 2,000°F and provides plenty of insulation between the glass and the metal tong arms. The grip is made of a durable plastic.	\$80.00	
8	EQ152	Griffin Serving Tongs with Sleeve - These small serving tongs are great for finishing small pieces and moving hot items around in the kiln. The woven covers are rated for 2,000°F and are easily replaced.	\$26.50	
	EQ154	Griffin Replacement Sleeve - Small - These small replacement covers for our small tongs also fit on most standard square or triangle serving tongs. They are rated to 2,000°F. Sold as a pair.	\$12.50	
	EQ153	Griffin Replacement Sleeve - Large - These replacement sleeves are for our large tongs. They can also be used to turn your own pair of tongs into finishing tongs. Sold as a pair.	\$35.00	

MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS

		MASHERS, PLIERS, TWEEZERS, JACKS & SHAPERS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	EQ167	Digital Calipers 0 -150mm - Take your studio to a more exact level of precision with these digital calipers. They have a maximum measuring range of 150mm (6 inches). They feature the ability to switch between metric and SAE - a super handy trait for converting measurements. There's a locking screw to keep the jaws precisely where they are and a roller wheel which allows them to slide easily. The LCD display is large and easy to read. This essential measuring device even comes with an extra battery!	\$18.95
	EQ168	Handy Andy Tungsten Piercer - Essential for every lampworker. Whether you want to perfect pendant loops or make sure the eyes of your fish are symmetrical, this tool gets it done. It is preferred by professionals because of it's durability, stoutness and that the tungsten tips can be adjusted. The tips can also be removed to be sharpened, reversed or replaced.	\$75.00
	EQ169	Handy Andy Replacement Tungsten - These tungsten tips can be removed to resharpen or replace when your current piercers wear down from heavy use. Opposite the piercing end of the tungsten tips are a handy point on one tip and a round shape at the other. The Handy Andy Tungsten Piercer is essential for every lampworker. Whether you want to perfect pendant loops or make sure the eyes of your fish are symmetrical, this tool gets it done. It is preferred by professionals because of it's durability, stoutness and that the tungsten tips can be adjusted.	\$20.00
Hose Repair and Azembly Kit	EQ174	Hose Repair Kit for 1/4" - Contain Copper Threading and are made from complete solid bar stock where applicable. American Quality Control. Solid, not hollow, heavy duty gas apparatus accessories to increase life, heat dissipation, and overall performance	\$67.99
	EQ302	Griffin Inside Sculpting Tool - Flat Horizontal Blade - This is modeled after the popular hot shop inside sculpting tools. Simply open a bubble or tube form and spot heat the area to be shaped. Then use this tool to go inside the bubble to push out details in a sculpted object such as eye brows, nose and cheek bones. These can be used for any number of other shaping and sculpting techniques as well. This one has a flat horizontal blade.	\$35.00
	EQ303	Griffin Inside Sculpting Tool - Flat Vertical Blade - Same as above except this one has a flat vertical blade.	\$35.00
	EQ306	Griffin Inside Sculpting Tool - Small Downward Curved Blade - Same as above except this one has a small downward curved blade.	\$35.00
	EQ304	Griffin Inside Sculpting Tool - Large Downward Curved Blade - Same as above except this one has a large downward curved blade.	\$35.00
	EQ307	Griffin Inside Sculpting Tool - Small Upward Curved Blade - Same as above except this one has a small upward curved blade.	\$35.00
12	EQ305	Griffin Inside Sculpting Tool - Large Upward Curved Blade - Same as above except this one has a large upward curved blade.	\$35.00
_	EQ308	Griffin Inside Sculpting Tool - 1/2" Stainless - Same as above except this one has a 1/2" stainless steel ball mounted at the end of its curve.	\$26.00
	EQ309	Griffin Inside Sculpting Tool - 3/8" Stainless - Same as above except this one has a 3/8" stainless steel ball mounted at the end of its curve.	\$24.00
	EQ310	Griffin Inside Sculpting Tool - 5/16" Brass - Same as above except this one has a 5/16" brass ball mounted at the end of its curve.	\$22.00
	EQ311	Griffin Inside Sculpting Tool - 9/16" Brass - Same as above except this one has a 9/16" brass ball mounted at the end of its curve.	\$28.00
	THGL18	Griffin Holder for Glass Threads GL18 - Top notch thread holders! The handle is made out of Stainless Steel, but we have had it textured for more comfortable handling and smoother rotation. The graphite is super high density and made to hold up to harsh working conditions.	\$89.00
	THGL25	Griffin Holder for Glass Threads GL25 - Same as above.	\$95.00

CLAW GRABBERS - HOLDING FINGERS



		CLAW GRABBERS - HOLDING FINGERS			
IMAGES	PRODUCT#	DESCRIPTION		PRICE	
	E13	Medium Claw Grabbers - These large holding fingers (6 wires) open to approximately 2" and close down to grasp objects as small as 4mm. Lightweight, easy to handle, 14" long with locking set screw.		\$57.00	
USA STATE	E133	Large Claw Grabbers - These large holding fingers (6 wires) open to approximately 4" and close down to grasp objects as small as 4mm. Lightweight, easy to handle, 16.5" long with locking set screw.		\$60.00	
The state of the s	E101	Economy Inside Out Claw w/ Plate & Locking Set Screw - The Inside Out Claw w/ Plate & Locking Set Screw has a 3.5" opening for holding a wide variety of objects. The total closed length is 15" and the open length is 19.5" with a 7" handle.		550.00	
100	E102	Ball/Looped Claw Grabbers w/ Locking Set Screw - Ball or looped claw grabbers are excellent for holding countless different round objects such as marbles, ornaments, or vessels. These looped grabbers (4 wires) open to approximately 3 ¼" (wires bend easily to hold larger objects as well) and close down to grasp objects as small as 1". Lightweight, easy to handle, 14" long overall with a locking screw set. This high quality Stainless Steel will not leave rust marks on your work!		\$57.00	
MADE IN THE USA	E106	Medium Brass Holding Fingers - These holding fingers (4 wires) open to approximately 1 1/4 inches and close down to a point. Lightweight, easy to handle, no locking screw set - simply slide to desired point and grabbers will stay. ***Steel wires will rust, this is by design to create natural friction and eliminate the set screw. Scour pads or steel wool quickly remove rust from the contact area if needed. With regular use the oils from your hands keep the rust at bay. Total length of 10 inches.		549.00	
	E109	American Large Inside Out Claw w/ Plate & Locking Set Screw - This grabber is about 14.5" long overall with a 1/2" thick handle. The handle portion is 6.5 to 7" long. The wire portion is just shy of 8" or so. The opening is about 3", however with some slight pressure you can bend the wires a bit bigger. When fully closed the opening reduces to about 1".		\$95.00	
MADE IN THE USA	E132	American Inside Out Claw Grabbers w/ Set Screw - This gripper tool (6 wires) opens to approximately 3 inches (wires bend easily to hold larger objects as well) and closes down to zero. Lightweight, easy to handle, 16 inches long overall with a locking screw set.	:	\$61.00	
				PRICE	
		Economy Claw Grabbers With Set Screw - These Claw Grabbers With Set Screw (6 wires) open to approximately 2" (the wires easily bend to hold larger objects as well) and close	1+	\$30.00	
	E134	down to grasp objects as small as 2 mm. Lightweight, easy to handle, with a total length of 12" and a 6" handle.	3+	\$27.50	
9		of 12 and a 6 nation.	6+	\$25.00	
MADE IN THE USA	E135	Economy Inside Out Claw Grabbers With Set Screw - These medium inside out holding fingers (6 wires) open to approximately 3 ¼" (wires bend easily to hold larger objects as well) and close down to grasp objects as small as 2mm. Lightweight, easy to handle, 13 ½" long overall with a locking screw set. Imported.	\$30.00		
	E136	Economy Ball/Looped Grabbers With Set Screw - A great option for the price. They feature a 12" total length with a 6" handle. These grabbers have a 2" opening, but the wires are able to be bent out for a larger opening.		35.00	

CLAW GRABBERS - HOLDING FINGERS

	CLAW GRABBERS - HOLDING FINGERS				
IMAGES	PRODUCT#	DESCRIPTION	PRICE		
	EQ203	Herbert Arnold Quick Clamping Holder 25-45mm - These German engineered grabbers have an opening range from 25 to 45mm. This lightweight holder features a fixable locking screw and spring wire arms ensuring a fast, tight grip that holds your work perfectly on center.	\$179.95		
	EQ204	Herbert Arnold Quick Clamping Holder 45-60mm - Same as above except it will have an opening range from 45 to 60mm.	\$189.95		
P3,	EQ205	Herbert Arnold Quick Clamping Holder 60-90mm - Same as above except it will have an opening range from 60 to 90mm.	\$199.95		
Sin Sin	EQ205-XH	Herbert Arnold Quick Clamping Holder 60-90mm Extended Handle - These German engineered grabbers have an opening range from 60 to 90mm. This lightweight holder features a fixable locking screw and spring wire arms ensuring a fast, tight grip that holds your work perfectly on center. This particular model has a handle that is 10 centimeters longer than the standard version.	\$234.95		
	EQ207	Herbert Arnold Holder 20-60mm - These patented German engineered grabbers have an opening range of 20 to 60mm. This lightweight holder is made of an insulated handle and stainless steel clamping jaws. The design is perfect for goblet feet, or anything else that needs to spin perfectly on center.	\$197.74		
	EQ208	Herbert Arnold Holder 50-100mm - Same as above except it will have an opening range of 50 to 100mm.	\$219.95		
	EQ209	Herbert Arnold Holder 100-150mm - Same as above except it will have an opening range of 100 to 150mm.	\$229.95		
4	EQ207-XH	Herbert Arnold Holder 20-60mm Extended Handle - These patented German engineered grabbers have an opening range of 20 to 60mm. This lightweight holder is made of an insulated handle and stainless steel clamping jaws. The design is perfect for goblet feet, or anything else that needs to spin perfectly on center. This particular model has a handle that is 10 centimeters longer than the standard version.	\$232.74		
	EQ208-XH	Herbert Arnold Holder 50-100mm Extended Handle - Same as above except it will have an opening range of 50 to 100mm.	\$254.95		
	EQ209-XH	Herbert Arnold Holder 100-150mm Extended Handle - Same as above except it will have an opening range of 100 to 150mm.	\$264.95		
	EQ240	Herbert Arnold Holder 20-60mm for Erlenmeyer Flasks - These patented German engineered grabbers have an opening range of 20 to 60mm. This lightweight holder is made of an insulated handle and stainless steel clamping jaws. The design of these jaws allow an Erlenmeyer Flask, or anything with a conical body and flat bottom, to be held and spun securely. The handle is 12 centimeters long.	\$197.74		
A	EQ241	Herbert Arnold Holder 50-100mm for Erlenmeyer Flasks - Same as above except it will have an opening range of 50 to 100mm. The handle is 14 centimeters long.	\$219.95		
A Charles Van	EQ242	Herbert Arnold Holder 100-150mm for Erlenmeyer Flasks - Same as above except it will have an opening range of 100 to 150mm. The handle is 16 centimeters long.	\$229.95		
	EQ241-XH	Herbert Arnold Holder 50-100mm - Erlenmeyer Extended Handle - These patented German engineered grabbers have an opening range of 50 to 100mm. This lightweight holder is made of an insulated handle and stainless steel clamping jaws. The design of these jaws allow an Erlenmeyer Flask, or anything with a conical body and flat bottom, to be held and spun securely. This particular model has a handle that is 24 centimeters - 10 centimeters longer than the standard version.	\$254.95		
	EQ242-XH	Herbert Arnold Holder 100-150mm - Same as above except it will have an opening range of 100 to 150mm.	\$264.95		

CLAW GRABBERS - HOLDING FINGERS/TUNGSTEN RAKES & PICKS/MISC TOOLS (**)



		CLAW GRABBERS - HOLDING FINGERS	
IMAGES	PRODUCT#	DESCRIPTION	PRICE
	GHT190	Griffin's Ultimate Claw Tool - Medium - The opening dimensions of this claw are 10mm at the smallest opening size up to 152mm at the largest opening size. The handle is 17" long from the top disk to the counterweight. This tool includes one counterweight.	\$175.00
MADE IN THE USA	GHT132	Blast Shield Small Rod Holder - This rod holder is designed to utilize your small pieces of glass without having to punty up, as well as applying full pressure on the glass without it moving or slipping. This tool holds glass rods up to 8mm in diameter.	\$20.00
	GHT133	Blast Shield Large Rod Holder - This rod holder is designed to utilize your small pieces of glass without having to punty up, as well as applying full pressure on the glass without it moving or slipping. This tool holds glass rods from 6mm to 1/2 inch (approx 12.7mm).	\$20.00
Je.	EQ79	Alligator Clip Rod Holder - These are spring-loaded, made of stainless steel and measure a total of 11" long with a 2" clip. The Alligator Clip Rod Holder is ideal for holding small pieces of glass without having to punty up.	\$29.00



TUNGSTEN RAKES & PICKS				
IMAGES	PRODUCT#	DESCRIPTION	PRICE	
	B12	1/8" Tungsten Rod — unsharpened	\$6.60	
	B13	3/32" Tungsten Rod — unsharpened	\$4.95	
(A)	B16	Griffin 3/32" Angled & Sharpened Tungsten Rake - 3/32" Angled & Sharpened Tungsten Rake. Entire tool measures 7 inches, with the rake itself measuring 4 inches.	\$1 <i>7</i> .00	
	B18	Griffin Stainless Steel Rake In Wooden Handle - Stainless Steel Rake In Wooden Handle 3/32". Entire tool measures 6.5", with the rake itself measuring 3.25" long.	\$6.95	
	B19	Small 1/16" Pointed Tungsten Probe w/ 3" wooden handle	\$11.00	
and the same of th	B20	Medium 3/32" Pointed Tungsten Probe w/ 3" wooden handle	\$12.00	
	B21	Large 1/8" Pointed Tungsten Probe w/ 3" wooden handle	\$14.00	



BLOW HOSE SWIVEL KITS, SWIVELS & MOUTH PIECES					
IMAGE	PRODUCT#	DESCRIPTION	PRICE		
11	EQ143	Cutting Edge Stainless Steel Bijou Blow Pipe - This glassblowing stainless steel blow pipe measures a total of 18", with a 14" shaft and a 4" head. The shaft is .37" in diameter, the head measures .74" wide at it's thickest. There can be complaints about cracked heads falling off blowpipes. Cutting Edge Products disapprove of this sort of thing-that's why they triple weld the heads to the bodies.	\$125.00		
117	EQ16	Rubber Blow Hose Adapter Kit - 3 Pack — The Rubber Blow Hose Adapter Kit - 3 Pack comes with 3 rubber adapters designed to help attached your blow hose to your blow tube. This kit works best with a $1/4$ " swivel. This kit comes with: 1 inside adapter to go inside of a tube with approximately an 8mm inside diameter, 2 outside adapters - 1 to fit over tubes 13mm or less and 1 to fit over tubes 16mm or less. With this convenient kit, attaching your blow hose to your blow tube has never been easier!	\$12.00		



	В	LOW HOSE SWIVEL KITS, SWIVELS & MOUTH PIECES		USA
IMAGE	PRODUCT#	DESCRIPTION	P	RICE
	EQ175	Silicone Blow Hose Adapter - 10mm Inside Diameter. Measures 3.5" long. Designed to be used with 1/4" swivels. Why deal with the hassle of trying to figure out how to attach a swivel to your blow tube? The blow hose adapter is the easiest and fasted way to slip a swivel in to and slide right over a 10mm outside diameter blow tube.	\$2	2.00
	EQ176	Silicone Blow Hose Adapter - Same as above except 12.7-15mm.	\$2	.00
~ ~ ~	EQ177	Silicone Blow Hose Adapter - Same as above except 15-16mm.	\$2	.00
	EQ178	Silicone Blow Hose Adapter - Same as above except 19-22mm.	\$2	.25
	EH30	Latex Hose 5/32 — use with 3/16 inch swivel	PRICE PER FOOT 1-99	PRICE PER FOOT 100+
			\$0.98	\$0.84
	EH31	Latex Hose 3/16 - use with 1/4 inch swivel	\$0.88	\$0.75
9	EH32	Latex Hose 1/4 - use with 3/8 inch swivel	\$0.98	\$0.84
	EQ54	Blow Hose Assembly for 3/16" Swivel (Swivel Not Included) — The swivel assembly contains 2 plastic mouth pieces and 6 feet of flexible latex hose for use with a 3/16" swivel.	\$7	7.50
×	EQ55 Blow Hose Assembly for 1/4" Swivel (Swivel No For use with a 1/4" swivel.	Blow Hose Assembly for $1/4''$ Swivel (Swivel Not Included) — Same as above. For use with a $1/4''$ swivel.	\$ 7. 50	
	EQ56	Blow Hose Assembly for 3/8" Swivel (Swivel Not Included) — Same as above. For use with a 3/8" swivel.	\$7	7.50
	E53	Economy 1/4" Brass Right Angle Swivel	\$9	.99
	E54	Economy 3/8" Brass Right Angle Swivel	\$10	5.50
	E55	Economy 3/16" Brass Right Angle Swivel	\$9	.99
(Deces	E82	Economy 3/16" Brass Straight Swivel	\$9	.99
	E83	Economy 1/4" Brass Straight Swivel	\$9	.99
	E84	Economy 3/8" Brass Straight Swivel	\$10	5.50
	EQ57	3/16" Brass Right Angle Swivel	\$2	2.95
	EQ58	1/4" Brass Right Angle Swivel	\$19	9.95
	EQ59	3/8" Brass Right Angle Swivel	\$4:	3.95
	EQ60	3/16" Brass Straight Swivel	\$20.95	
	EQ61	1/4" Brass Straight Swivel	\$13	7.95
	EQ62	3/8" Brass Straight Swivel	\$3	2.95
	E73	Economy 1/4" Brass Right Angle Double Sided Swivel - Both arms rotate on this Economy 1/4" Brass Right Angle Swivel, helping reduce tangling and kinking in your blow hose tubing. Once you try the double sided swivel, you'll never find yourself using another style.	\$14	4.95





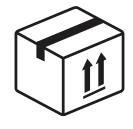
USA	BLOW HOSE SWIVEL KITS, SWIVELS & MOUTH PIECES						
IMAGE	PRODUCT#	DESCRIPTION	PRICE				
TO A	E85	10 Pack of Mouth Pieces For The Swivel Kit	\$5.75				
\ / E	EQ139	1/4" Stainless Steel Right Angle Swivel by Firekist	\$50.00				
-0-	EQ140	3/8" Stainless Steel Right Angle Swivel by Firekist	\$70.00				
	EQ141	1/4" Stainless Steel Straight Swivel by Firekist	\$45.00				
	EQ142	3/8" Stainless Steel Straight Swivel by Firekist	\$60.00				



JSA	S	WIVELS, SWIVEL KITS & STOPPERS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	MS02	Size 000 - Neoprene Stopper w/ Hole, Top 13mm, Bottom 8mm, 21mm Length	\$0.44
00-	MS03	Size 00 - Neoprene Stopper w/ Hole, Top 15mm, Bottom 10mm, 25mm Length	\$0.76
	MS04	Size 0 - Neoprene Stopper w/ Hole, Top 17mm, Bottom 13mm Length 25mm	\$1.04
	MS05	Size 1 - Neoprene Stopper w/ Hole, Top 19mm, Bottom 14mm Length 25mm	\$1.04
	MS06	Size 2 - Neoprene Stopper w/ Hole, Top 20mm, Bottom 16mm, Length 25mm	\$1.27
	MS07	Size 3 - Neoprene Stopper w/ Hole, Top 24mm, Bottom 18mm	\$1.35
	MS08	Size 4 - Neoprene Stopper w/ Hole, Top 26mm, Bottom 20mm	\$1.60
	MS09	Size 5 - Neoprene Stopper w/ Hole, Top 27mm, Bottom 23mm	\$2.00
	MS10	Size 6 - Neoprene Stopper w/ Hole, Top 32mm, Bottom 26mm	\$2.40
	MS11	Size 7 - Neoprene Stopper w/ Hole, Top 37mm, Bottom 30mm	\$3.25
	MS12	Size 8 - Neoprene Stopper w/ Hole, Top 41mm, Bottom 33mm	\$4.35
	MS13	Size 9 - Neoprene Stopper w/ Hole, Top 45mm, Bottom 37mm	\$5.25
	MS14	Size 10 - Neoprene Stopper w/ Hole, Top 50mm, Bottom 42mm	\$6.50

soy packing foam

Mountain Glass is always looking for ways to be environmentally sound without sacrificing quality or customer service. We were the first in our industry to use spray-in foam packing and are now the first company to use soy-based foam. This system provides the same excellent product protection, but is much better for our environment. We would like to thank all of you for supporting us in our decisions to be a little greener.





	S	WIVELS, SWIVEL KITS & STOPPERS	USA
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	MS30	Size 00 - Solid Neoprene Stopper Top 15mm, Bottom 10mm, 25mm Length	\$0.50
	MS31	Size O - Solid Neoprene Stopper Top 17mm, Bottom 13mm, 25mm Length	\$0.50
	MS32	Size 1 - Solid Neoprene Stopper Top 19mm, Bottom 14mm, 25mm Length	\$0.75
	MS33	Size 2 - Solid Neoprene Stopper Top 20mm, Bottom 16mm, 25mm Length	\$0.75
	MS34	Size 3 - Solid Neoprene Stopper Top 24mm, Bottom 18mm, 25mm Length	\$1.00
	MS35	Size 4 - Solid Neoprene Stopper Top 26mm, Bottom 20mm, 25mm Length	\$1.25
	MS36	Size 5 - Solid Neoprene Stopper Top 27mm, Bottom 23mm, 25mm Length	\$1. 7 5
	MS37	Size 6 - Solid Neoprene Stopper Top 32mm, Bottom 26mm, 25mm Length	\$1. 7 5
	MS38	Size 7 - Solid Neoprene Stopper Top 37mm, Bottom 30mm, 25mm Length	\$2.25
	MS39	Size 8 - Solid Neoprene Stopper Top 41mm, Bottom 33mm, 25mm Length	\$3.75
	MS40	Size 9 - Solid Neoprene Stopper Top 45mm, Bottom 37mm, 25mm Length	\$3.75
	MS41	Size 10 - Solid Neoprene Stopper Top 50mm, Bottom 42mm, 25mm Length	\$6.00
	EQ20	Multi Stopper - Green Neoprene - 18mm to 70mm	\$39.60
	E114	Multi Stopper - Red Silicone - 18mm to 70mm	\$62.70
	EQ21	Multi Stopper - Red Silicone - 4.5 inches	\$151.80
	EQ22	Multi Stopper - Red Silicone - 8 inches	\$667.70
	EQ23	Multi Stopper - Red Silicone - 11 inches	\$968.27
	BH04	Blast Shield 1/4" Blow Hose Valve Assembly For Lathes - This assembly comes with 20 feet of 1/4 inch silicone hose and 90 degree, 1/4 inch barb mouth piece. Air flows out in the direction that the handle is facing. If the handle is centered, both sides are pressured equally. A bracket is provided for mounting to your lathe.	\$90.00
	BH05	Blast Shield 3/8" Blow Hose Valve Assembly For Lathes - This assembly comes with 20 feet of 3/8 inch silicone hose and 90 degree, 3/8 inch barb mouth piece. Air flows out in the direction that the handle is facing. If the handle is centered, both sides are pressured equally. A bracket is provided for mounting to your lathe.	\$90.00
	EQ160	Cutting Edge Stainless Steel Bijou Solid Punty - The Cutting Edge Stainless Steel Bijou Solid Punty is the smallest punty that Cutting Edge makes. It has a 3/8" diameter body with a 3/4" diameter solid head. The overall length is 18". It has an added eyelet on the end for pulling cane. It's lightweight and well balanced.	\$110.00
	EQ162	Blowhose Holster by Firekist (Swivel Not Included) - Always have your blowhose right where you want it! Pick your hose "height" based on YOUR height! The blue tube that goes around your neck is quite bendable, and yet rigid enough to stay in place once bent to where you like it. It is of a polished plastic that feels smooth against the skin, unlike the grippy feeling of a latex hose.	\$30.00
	EQ179	Silicone Blow Hose Adapter Kit - 4 Pack - A silicone blow hose adapter is the easiest and fastest way to slip a swivel into and slide right over a blow tube. This kit provides 4 adapters that cover blow tubes from 10mm - 22mm. And it's cheaper than buying each piece individually!	\$7.75



		FRIT TRAYS & TOOL/ROD REST	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
MADE IN THE USA	E90	5 Section Frit Tray — These frit and powder trays keep your colors separated. They are removable and are an excellent size for small vessels, marbles, beads, and more. The removable tray design makes cleanup quicker, safer, and easier than ever before. The five section tray is 13" long, 4" wide, and 3.5" tall. Each individual tray is 2"deep, 4" long, and 2" wide.	\$60.00
	E91	3 Section Frit Tray — The three section tray is 15" long, 6.5" wide, and 3.5" tall. Each individual tray is 3" deep, 6.5" long, and 4"wide.	\$64.00
	EQ74	Frit Tray with Stand - 5" x 3" — This convenient stainless steel frit trays measure 5" x 3". The tray can be removed from the stand. The stand has slots on each side to allow for easy access when working sections with a blow tube or punty attached.	\$19.00
	E31	Frit Crusher — Make an assortment of frit and powder from scrap glass. Heavy duty all steel glass crusher, a two piece mortar and pestle. The crushed glass makes a full assortment of frit from powder to course frit. Use the frit sifter (Our Part #E107) to easily sift the crushed batch into 5 sizes. Please note this is a labor intensive process.	\$74.95
	E107	Frit Sifter Set — Pays for itself using scrap glass to make frit! A four piece sifter set. Each individual sifter has a different mesh. Sifters nest with the largest mesh screen on top and progressively smaller screens follow to the bottom. Scrap glass is crushed with the Frit Crusher (Our Part #E31). Produces frit from coarse (5.2mm) to powder (.20mm). If more frit is required, the coarse sizes may be re-crushed. These four screens produce 5 frit sizes (each screen retains a size while the powder exits the stack from the bottom). Please note this is a labor intensive process.	\$39.50
11/	B08	Tool and Rod rest — Simple but very helpful. Use to hold your hot glass rods and tools to keep them from burning your work table. Also keeps them free of particles on your table which could end up in your work. The evenly spaced slots make tools and rods easy to see and pick up. 7 1/2" long with 10 slots	\$6.00

		LATHE TAPE			
IMAGE	PRODUCT#	DESCRIPTION		PRICE	
	E158	Adhesive Waletex Lathe Tape - 1" W x 1/16" T x 100' L - Waletex coated glass tapes feature a silicate mineral composition coating which helps increase the temperature resistance by 10 times or more over that of uncoated glass tapes. These tapes offer flame resistance up to 2000° F with continuous use temperatures from 1500° F to 1800° F. Most conventional glass tapes can be used at temperatures up to 1000° F.	\$6	\$68.50	
	E157	Waletex Lathe Tape - 1" W x 1/8" T x 100' L - Same as above.	\$5	6.95	
	EQ136	Waletex Lathe Tape - 2" W x 1/16" T x 100' L - Same as above.	\$59.95		
	E159	Waletex Lathe Tape - 2" W x 1/8" T x 100' L - Same as above.	\$102.59		
		Waletex Lathe Tape - 1" W x 1/32" T - By the Foot - Now sold by the foot! Waletex	QTY	PRICE	
		coated glass tapes feature a silicate mineral composition coating which helps increase the temperature resistance by 10 times or more over that of uncoated glass tapes. These	1-24	\$0.68	
	E160	tapes offer flame resistance up to 2000° F with continuous use temperatures from 1500° F to 1800° F. Most conventional glass tapes can be used at temperatures up to	25-99	\$0.51	
		1000° F. In addition, Waletex tapes are strong.	100+	\$0.34	
			QTY	PRICE	
	F1 / 1	W.L. I. J. T. 1/1/17 D.J. F. C. L.	1-24	\$0.66	
	E161	Waletex Lathe Tape - 1" W x 1/16" T - By the Foot - Same as above.	25-99 \$0.50	\$0.50	
			100+	\$0.33	



		LATHE TAPE		
IMAGE	PRODUCT#	DESCRIPTION		PRICE
		Woven Glass Tape - 2" W x 1/32" T - By the Foot - Sold by the foot! These asbestos-free woven glass products offer many unique characteristics and advantages	QTY	PRICE
	E1709	for a broad variety of applications. These products are non-flammable and may be used at surface temperatures ranging from 120° F to 1000° F. In addition to its excellent	1-24	\$1.00
	L17U7	heat resistance, these woven glass products feature high tensile strength and exceptional chemical resistance. They are highly resistant to most chemicals except hydrofluoric, hot	25-99	25-99 \$0.75
		phosphoric acid and wet hydrogen chloride.	100+	\$0.50
			QTY	PRICE
	E1712	Wayan Class Tana 2"W v 1/14" T. Butha Fact. Came as about	1-24	\$1.26
	E1/1Z	Woven Glass Tape - 2" W x 1/16" T - By the Foot - Same as above.	25-99	\$1.09
			100+	\$0.84
			QTY	PRICE
	E1714	Warran Class Torra 1// War 1/0// T. Davida Fara Carra and davi	1-24	\$1.28
	E1/14	Woven Glass Tape - 1" W x 1/8" T - By the Foot - Same as above.	26-49	\$0.96
			50+	\$0.64
	E1501	Ceramic Paper Tape 1" W x 1/32" T x 80' - These asbestos-free ceramic glassworking tapes are made from high purity refractory fibers with a melting point of 3200° F. It can be cut with ordinary scissors and formed into complex shapes. It can be folded, wrapped, rolled and goes around sharp corners. Strong, free standing shapes can be produced.	\$19.99	
	E1512	Ceramic Paper Tape 1" W x 1/8" T x 50' - Same as above.	\$27.95	
	E1513	Ceramic Paper Tape 2" W x 1/8" T x 50' - Same as above.	\$4	17.50

BENCH ROLLERS - BRACELET MANDREL - RING MANDREL - TI PEN - MISC ITEMS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
MADE IN THE USA	BSYR1	Blast Shield Rollers/Yoke 1 inch with adjustable stand	\$90.00
11	E163	Griffin Glass Bench Rollers - Griffin Glass Bench Rollers have a new design that is now even taller! you can lock the rollers in place from 6" to 12". It features polished brass wheels, high quality bearings and a sturdy, stable powder-coated trapezoidal base. These are the tallest bench rollers on the market.	\$130.00
	E168	Griffin Glass Mini Bench Rollers - The Griffin Glass Mini Bench Rollers has a height range of 4 1/2 inches to 7 1/2 inches. Using a threaded post and lock nut for height adjustment, the roller easily adjusts and locks firmly into place. The bearing rollers allow for a full range of movement and will support diameters from 2mm to 21mm.	\$90.00
1	EQ15	Bench Rollers/Yoke — The Bench Rollers/Yoke come with a weighted base and adjustable wheels that can be moved in or out. With the adjustment of a wing nut, the wheels can be brought closer for small tubing or spread apart for larger tubing. The Bench Rollers also have an adjustable height from 7.5" to 11.5".	\$50.00
	EQ28	Taffy Turner - Bench Roller - 4 Wheels - This four wheel roller is a collaborative design between Griffin Glass Tools and Nikolai of Taffy Tubes. Here is what Nikolai has to say about the benefits of working with this roller.	\$375.00



BENCH ROLLERS - BRACELET MANDREL - RING MANDREL - TI PEN - MISC ITEMS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
<u> </u>	EQ201	Herbert Arnold Swivel Pull-Out Roller - These German engineered ball-bearing light alloy rollers (diameter 65 mm) are horizontally and vertically adjustable and laterally rotatable. It features a swivel-type pull-out joint and base in order to fasten it on the glassblower's table. It is ideal for reworking glass tubes with diameters up to 200 mm.	\$750.00
-	E34	Oval Bracelet Mandrel — This oval shaped, thick steel tube, ranges in size from 2" to 2-3/4" and will make sizing your bracelets a snap. Has a hollow, square "tang" at the base and will require a clamp to secure upright to your work bench. Also could be used just laying flat. Almost half the price of other bracelet mandrels with built in bases.	\$65.00
	E86	Smooth Steel Round Ring Mandrel 1/2 Inch Sizes, Top Quality — This solid steel Ring Mandrel is ideal for making glass rings since it has no grooves. Ring Sizes stepped in half increments 1 through 16. The sizes are numbered and marked with ultra light indentations that should leave almost no marks on hot glass. 9 3/4" Tapered mandrel length with 3 1/8" Long by 1" Thick Black Handle.	\$36.99
0	E56	Ti-Pen Glass Writing Titanium Pen — Ti-Pen™ is the ideal glass signing tool for the lampworker, glass blower or glass jewelry maker. The Ti-Pen™ tool is different from most scribes because it writes by friction of the metal titanium point. Leaving behind a metal deposit in a silver color on the surface of glass, quartz, ceramics, or vitreous enamels.	\$17.00
	EQ07	E6000 Silicon Glue 3.7fl. Oz — Considered the most effective and heavy-duty, glass bonding, glue around. E-6000 works on more surfaces than almost any other adhesive available in the market.	\$5.99
	E36	Kemxert 300 UV Glue — One part ultraviolet light curing resin, contains no solvents and cures by exposure to long wavelength ultraviolet light (320-380 nanometers). It is the ideal glue for glass to glass surface bonding. 1oz.	\$19.75
	EQ02	Natural Beeswax 1 oz. Bar — Bee's Wax is used to keep metal tools from sticking to glass and acts as a protective barrier for your tools in the harsh flame environment.	\$1.99
9	EQ300	Black Wax 1.5 oz. Puck - Black Wax is a unique blend of special waxes and hardwood ash designed specifically with the lampworker in mind.	\$10.00
CHEM SHAP	B102	Chemical Tungsten Sharpener (4 oz) — Over 500 perfect sharpenings per jar. Points don't chip and last longer than when grinding. Will not contaminate the tungsten. Simply heat the tungsten to a red hot state and tip into the Chemical Tungsten Sharpener.	\$15.00
	EQ133	Blast Shield Tool Bag - This durable tool bag is designed for the artist that wants to store their tools. It features 7 4" wide pockets- 3 of them 7" high, and 4 of them 9" high. 2 flaps fold over to protect tools. It also rolls up, with clip closure and carrying handle. 3 top grommets make it convenient for hanging. Great for travelers!	\$45.00
4 Granitato M	GHT201	Aquadag Aqeous Based Collidal Graphite Dispersion - 1 Quart - Aquadag is an aqueous based colloidal graphite dispersion widely used as a mold release. The ultra fine particle size imparts superior surface finishing to the casting, with superb release properties. Aquadag is the ideal compound for use with forming tools. Use of the Aquadag promotes longer tool life and increased performance.	\$127.00
	E107	Dressing Stick - 220 Grit - 1" x 1" x 6" - The Dressing Stick by Norton is used to sharpen diamond saw blades that are commonly used for cutting glass. The Norton Dressing Stick removes a tiny amount of the metal wheel, which exposes the impregnated diamond crystals within the saw blade. Dressing keeps cutting tools cool, sharp and does not shorten saw blade life, it actually increases it! Always keep in mind that abundant supply of coolant should be used when dressing tools.	\$ <i>7</i> .50



	GRIFFIN FUME HOODS & BUCK TORCH STAND			
IMAGE	PRODUCT #	DESCRIPTION	PRICE	
	EQ144	Griffin Glass Fume Exhaust Hood - No Fan - DROP SHIP - FREE DROP SHIPPING - A simple solution for adequate ventilation. This easy-to-install fume exhaust hood is the perfect solution. The hood dimensions are 15" tall by 42" long and 24" wide; the product is sold unassembled in a very compact box. Two or more hoods can be connected to cover a greater area. This hood package is great for mounting just above a window fan. Includes: fume hood, chain and eye bolts, and screws for assembly. Please note that this package does not include a fan or duct work. Shipped via FedEx with free drop shipping.	\$337.00	
	EQ145	Griffin Glass Fume Exhaust Hood with 10" Fan - 400 CFM - DROP SHIP - FREE DROP SHIP-PING - A simple solution for adequate ventilation. This easy-to-install fume exhaust hood is the perfect solution. The hood dimensions are 15" tall by 42" long and 24" wide; the product is sold unassembled in a very compact box. Two or more hoods can be connected to cover a greater area. Includes: fume hood, 10" (400cfm) inline fan, 10"x6' duct, x2 10" collars, chain and eye bolts, screws for assembly. To keep shipping costs down, the duct work may be shipped separately- at times the ducting will arrive a day before or after the rest of the product has arrived. Shipped via FedEx with free drop shipping.	\$435.00	
AND SHE SHE	EQ146	Griffin Glass Fume Exhaust Hood with 12" Fan - 650 CFM - DROP SHIP - FREE DROP SHIP-PING - Same as above except with 12" fan.	\$449.00	
	EQ148	Griffin Mini Torch Stand - This adjustable-height stand allows you to use your Smith hand torch as a bench burner. It is ideal for very small and intricate work. The base plate is a $3\ 1/2''$ square heavy steel plate with mounting holes for optional fastening to a workbench. The height range is $3\ 1/2''$ up to $6\ 1/2''$. The pressure clip holds the Smith torch firmly in it's mounted location and with a quick snapping motion, the torch is easily removed from the stand.	\$60.00	
Griffin Glass - Fume Hood Package #4 w/ Small Hood - 1000 CFM Fan - This kit includes everything needed to set up ventilation for a medium to large torch. For greatest airflow and efficiency the 10" duct opening is on the end cap of this hood design. the dimensions of our smaller hood offered in this package are 42"x 22"x 14". The non-assembled hood panels fit in a standard package that can be shipped UPS ground. This keeps the total shipping cost down and makes for an easy to install system.		\$625.00		
	EQ182	Griffin Glass - Fume Hood Package #5 w/ Large Hood (No Fan) - This package is just the 4' x 6' x 16" hood. No fan or duct work is included in this packageIf you want to purchase your own fan and duct then this package solution is for you.	\$575.00	
	EQ183	Griffin Glass - Fume Hood Package #6 w/ Large Fume Hood - 1000 CFM Fan - This kit includes everything needed to set up ventilation for 1 larger torch or two medium torches or up to 4 small torches. It is up to the end user to determine if there is adequate airflow for the amount of combustion that is happening. This hood is made with two 12" openings, one is in the top middle panel and one is on the angled top panel, this allows options for how the duct will tie in to the hood, a cap is supplied to cover one of the two openings. The non-assembled hood panels fit in two standard packages that can be shipped UPS ground. This keeps the total cost down and makes for an east to install system.	\$925.00	

GRINDING AND BEVELING EQUIPMENT



GRINDING AND BEVELING EQUIPMENT			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	GR1	Diamond Max Deluxe Grinder - This deluxe grinder allows you to grind straight edges with the flat disc and do curves and spot grinding easily with the router bit. Both grinding surfaces run simultaneously so there is no need to switch out components. The Deluxe features a powerful 1/8 hp motor that runs at 3600 R.P.M., Super Sponge water cooling system, 260 grit 6" diamond disc, 1" chrome hardened diamond bit, large 9-1/2" x 5-1/2" work area, 30/45 degree angle block for beveled edges, foot switch and is backed by a six year warranty.	\$269.95
	GR7	Bevel Max M3 Kit - Convert your Diamond Max into a Bevel Max with this upgrade kit to create custom bevels. Kit includes medium and fine grit beveling laps (5 pcs each), 12 Degree Bevel Block, Max Splash Shield with water bottle, Instructional "How to Bevel" video, & Polishing pad and compound.	\$114.95
	GR9	Taurus III Ring Saw by Gemini - Brand new and loaded with great new features. The Taurus 3 Ring Saw far surpasses its younger brother. Specifications: ● 1/5 HP motor ● Ring saw is coated on all sides for 360° of cutting power. ● Comes standard with 0.050-80 grit ring ● Cuts in all directions with a smooth ground finish. ● Less than half the noise of the Taurus II.2 when cutting ● Fewer and longer lasting parts, with built-in flip up face shield and twenty-five percent larger working surface. ● Built-in light that activates when cutting and illuminates the cutting surface. ● converts to a hand held saw. ● Comes with 5-3/4 standard 80 grit ring saw ● Now includes a Blade Stabilizer and Instructional DVD FREE! ● Weight: 14 pounds.	\$380.00
	GR3	15 Micron Laps - 5 pack polishing pads	\$13.25
	GR2	60 Micron Laps - 5 pack polishing pads	\$13.25
	GR4	Bevel Max Polishing Pad - Final polish pad for use with polishing compound	\$14.95
	GR5	Cerium Oxide Polishing Compound 4oz.	\$13.41
COLOR COLOR SHIPLE SOLUTION	GR6	Novacan Grinder Coolant 8oz.	\$4.95

Visit us at mountainglass.com for our complete line cork stoppers, jewelry making, bead inserts, jewelry findings, beads, wire, necklaces, display and transport cases and jewelry making tools.

FUMING METALS, OPALS & QUARTZ

POLISHED, ROUG	H & SHARD GILSON LA	B OPALS	
Please note: Synthetic opals are only compatible with borosilicate glass 33 COE.			
PRODUCT#	DESCRIPTION	PRICE	
GLOCHIPS_BLACK	Crushed Opals - Black Chips - 1 gram	\$18.00	
GLOCHIPS_BLUE	Crushed Opals - Blue Chips - 1 gram	\$18.00	
GLOCHIPS_MINT	Crushed Opals - Mint Chips - 1 gram	\$18.00	
GLOCHIPS_PINK	Crushed Opals - Pink Chips - 1 gram	\$18.00	
GLOCHIPS_WHITE	Crushed Opals - White Chips - 1 gram	\$18.00	
GLOBLACK_P	Polished Black Lab Opals - AAA Quality, 1 gram	\$32.00/ gram	
GLOMINT_P	Polished Mint Lab Opals, AAA Quality - 1 gram	\$27.50/ gram	
GLOORANGE_P	Polished Orange Lab Opals - AAA Quality, 1 gram	\$27.50/ gram	
GLOWHITE_P	Polished White Lab Opals, AAA Quality - 1 gram	\$27.50/ gram	
GLOSHARD_BLACK	Crushed Opals - Black Shards, 1 gram	\$32.00/ gram	
GLOSHARD_BLACK_GALAXY	Crushed Opals - Black Shards Galaxy Mix - 1 gram	\$22.00	
GLOSHARD_BLACK_MICRO	Crushed Opals - Micro Black Shards, 1 gram	\$35.00/ gram	
GLOSHARD_BLACK_MINI	Crushed Opals - Mini Black Shards, 1 gram	\$35.00/ gram	
GLOSHARD_GREEN_GALAXY	Crushed Opals - Green Shards Galaxy Mix - 1 gram	\$22.00	
GLOSHARD_MINT	Crushed Opals - Mint Shards - 1 gram	\$20.00	
GLOSHARD_MINT_GALAXY	Crushed Opals - Mint Shards Galaxy Mix - 1 gram	\$22.00	
GLOSHARD_MINT_MICRO	Crushed Opals - Micro Mint Shards - 1 gram	\$20.00	
GLOSHARD_MINT_MINI	Crushed Opals - Mini Mint Shards - 1 gram	\$20.00	
GLOSHARD_MINT_NANO	Crushed Opals - Nano Mint Shards - 1 gram	\$20.00	
GLOSHARD_RGB	Crushed Opals - RGB Shards - 1 gram	\$24.00	

POLISHED, ROUG	H & SHARD GILSON LA	B OPALS	
Please note: Synthetic opals are only compatible with borosilicate glass 33 COE.			
PRODUCT#	DESCRIPTION	PRICE	
GLOSHARD_RGB_GALAXY	Crushed Opals - RGB Shards Galaxy Mix - 1 gram	\$22.00	
GLOSHARD_RGB_MICRO	Crushed Opals - Micro RGB Shards - 1 gram	\$24.00	
GLOSHARD_RGB_MINI	Crushed Opals - Mini RGB Shards - 1 gram	\$24.00	
GLOSHARD_WHITE	Crushed Opals - White Shards, 1 gram	\$25.00/ gram	
GLOSHARD_WHITE_MICRO	Crushed Opals - Micro White Shards, 1 gram	\$25.00/ gram	
GLOSHARD_WHITE_MINI	Crushed Opals - Mini White Shards, 1 gram	\$27.50/ gram	
GLOSHARD_WHITE_NANO	Crushed Opals - Nano White Shards, 1 gram	\$25.00/ gram	
GLOBLACK	Rough Black Lab Opals, 1 gram	\$25.00/ gram	
GLOBLACKMED_P	Polished Black Medium Opals - AAA quality - 1 gram	\$28.00	
GLOBLUELRG_P	Polished Blue Large Opals - AAA Quality - 1 gram	\$25.00	
GLOGREENMED_P	Polished Green Medium Opals - AAA Quality - 1 gram	\$28.00	
GLOMINTMED_P	Polished Mint Medium Opals - AAA Quality - 1 gram	\$25.00	
GLOORANGEMED_P	Polished Orange Medium Opals - AAA Quality - 1 gram	\$25.00	
GLOPINKMED_P	Polished Pink Medium Opals - 1 gram	\$25.00	
GLORAINBOWMED_P	Polished Rainbow Medium Opals - AAA Quality - 1 gram	\$25.00	
GLORGBLRG_P	Polished RGB Large Opals - AAA Quality - 1 gram	\$28.00	
GLORGBMED_P	Polished RGB Medium Opals - AAA Quality - 1 gram	\$28.00	
GLORGBMINI_P	Polished RGB Mini Opals - AAA Quality - 1 gram	\$28.00	
GLOTOP4LRG_P	Top 4 Large Opals, AAA Quality Sample Pack	\$54.99	

FUMING METALS, OPALS & QUARTZ 🌑



SHAPED GILSON LAB OPALS

Please note: All Gilson Opal sizes are considered approximations. Also, synthetic onals are only compatible with horosilicate alass 33 COE.

opals are only compatible with borosi	ilicate glass 33 COE.	
PRODUCT#	DESCRIPTION	PRICE
GLOASSORTEDMINI_P	Polished Assorted Mini Opals AAA Quality - 1 gram	\$29.75
GLOASSORTED_P	Polished Assorted Lab Opals, AAA Quality - 1 gram	\$29.75
GLOASSORTEDMED_P	Assorted Medium Opals, AAA Quality - 1 gram	\$29.75
GLOASSORTEDLRG_P	Assorted Large Opals, AAA Quality - 1 gram	\$29.75
GLOCOINS_3MM_ASSORTED	Opals - Coins - 3mm - Assorted Sample Pack	\$44.99
GLOBEAR_WHITE_12MM	Opals - White California Bear - 12mm	\$25.50
GLOBRIGHTMED_P	Bright Medium Opals Sample Pack, AAA Quality	\$49.99
GLOBLUE_P	Polished Blue Lab Opals, AAA Quality - 1 gram	\$27.50
GLOCRESCENTMOON_BLACK_6MM	Opals - Black Crescent Moon - 6mm	\$8.25
GLOCRESCENTMOON_WHITE_5MM	Opals - White Crescent Moon - 5mm	\$6.00
GLOCUBE_BLACK_3MM	Opals - Black Cube - 3mm	\$7.00
GLODIAMOND_WHITE_12MM	Opals - White Diamond - 12mm	\$22.50
GLODIAMONDCOIN_BLACK_6x4MM	Opals - Black Diamond Coin - 6x4mm	\$9.00
GLODIAMONDCOIN_WHITE6x4MM	Opals - White Diamond Coin - 6x4mm	\$8.00
GLODOLLAR_WHITE_10MM	Opals - White Dollar Sign - 10mm	\$20.00
GLODOLPHIN_WHITE_15MM	Opals - White Dolphin - 15mm	\$30.00
GLOGREEN_P	Polished Green Lab Opals, AAA Quality - 1 gram	\$32.00

SHAPED GILSON LAB OPALS

Please note: All Gilson Opal sizes are considered approximations. Also, synthetic opals are only compatible with borosilicate glass 33 COE.			
PRODUCT#	DESCRIPTION	PRICE	
GLOHEART_WHITE_12MM	Opals - White Heart - 12mm	\$22.50	
GLOLIGHTNING13_WHITE_12MM	Opals - 13 Point White Lightning Bolt - 12mm	\$24.00	
GLOMARQUISE_BLACK_3X6MM	Opals - Black Marquise - 3x6mm	\$4.25	
GLOMARQUISE_PINK_3x6MM	Opals - Pink Marquise - 3x6mm	\$3.75	
GLOPINK_P	Polished Pink Lab Opals - AAA Quality, 1 gram	\$27.50	
GLORAINBOW_P	Polished Rainbow Lab Opals, AAA Quality - 1 gram	\$27.50	
GLORGB_P	Polished RGB Lab Opals, AAA Quality - 1 gram	\$32.00	
GLORGBMINI_P	Polished RGB Mini Opals - AAA quality, 1 gram	\$32.00	
GLOROUND_BLACK_4MM	Opals - Black Rounds - 4mm	\$3.75	
GLOROUND_WHITE_2MM	Opals - White Rounds - 2mm	\$1.25	
GLOROUND_WHITE_3MM	Opals - White Rounds - 3mm	\$1.85	
GLOROUND_WHITE_6MM	Opals - White Rounds - 6mm	\$8.25	
GLOROUNDCOIN_BLACK_3MM	Opals - Black Round Coin - 3mm	\$2.50	
GLOROUNDCOIN_BLACK_5MM	Opals - Black Round Coin - 5mm	\$5.25	
GLOROUNDCOIN_BLACK_8MM	Opals - Black Round Coin - 8mm	\$14.75	
GLOROUNDCOIN_BLACK_10MM	Opals - Black Round Coin - 10mm	\$19.75	
GLOROUNDCOIN_BLACK_15MM	Opals - Black Round Coin - 15mm	\$50.00	
GLOROUNDCOIN_GREEN_3MM	Opals - Green Round Coin - 3mm	\$2.50	

FUMING METALS, OPALS & QUARTZ

SHAPED GILSON LAB OPALS

Please note: All Gilson Opal sizes are considered approximations. Also, synthetic opals are only compatible with borosilicate glass 33 COE.		
PRODUCT #	DESCRIPTION	PRICE
GLOROUNDCOIN_GREEN_5MM	Opals - Green Round Coin - 5mm	\$5.25
GLOROUNDCOIN_MINT_3MM	Opals - Mint Round Coin - 3mm	\$2.25
GLOROUNDCOIN_MINT_4MM	Opals - Mint Round Coin - 4mm	\$3.00
GLOROUNDCOIN_MINT_5MM	Opals - Mint Round Coin - 5mm	\$4.50
GLOROUNDCOIN_MINT_6MM	Opals - Mint Round Coin - 6mm	\$7.75
GLOROUNDCOIN_MINT_10MM	Opals - Mint Round Coin - 10mm	\$18.50
GLOROUNDCOIN_PINK_3MM	Opals - Pink Round Coin - 3mm	\$2.25
GLOROUNDCOIN_PINK_4MM	Opals - Pink Round Coin - 4mm	\$3.00
GLOROUNDCOIN_PINK_5MM	Opals - Pink Round Coin - 5mm	\$4.50
GLOROUNDCOIN_PINK_6MM	Opals - Pink Round Coin - 6mm	\$7.75
GLOROUNDCOIN_PINK_15MM	Opals - Pink Round Coin - 15mm	\$45.00
GLOROUNDCOIN_RGB_4MM	Opals - RGB Round Coin - 4mm	\$3.25
GLOROUNDCOIN_RGB_5MM	Opals - RGB Round Coin - 5mm	\$5.25
GLOROUNDCOIN_RGB_6MM	Opals - RGB Round Coin - 6mm	\$9.25
GLOROUNDCOIN_RGB_10MM	Opals - RGB Round Coin - 10mm	\$22.00
GLOROUNDCOIN_WHITE_3MM	Opals - White Round Coin - 3mm	\$2.25
GLOROUNDCOIN_WHITE_5MM	Opals - White Round Coin - 5mm	\$4.50
GLOROUNDCOIN_WHITE_6MM	Opals - White Round Coin - 6mm	\$7.75
GLOROUNDCOIN_WHITE_10MM	Opals - White Round Coin - 10mm	\$18.50
GLOROUNDCOIN_WHITE_15MM	Opals - White Round Coin - 15mm	\$45.00

SHAPED GILSON LAB OPALS

Please note: All Gilson Opal sizes are considered approximations.

Also, synthetic opals are only compatible with borosilicate glass 33 COE

Also, synthetic opals are only compatible with borosilicate glass 33 COE.		
PRODUCT#	DESCRIPTION	PRICE
GLOROUNDCOIN_WHITE_20MM	Opals - White Round Coin - 20mm	\$100.00
GLOROUNDFACET_BLUE_6MM	Opals - Blue Faceted Rounds - 6mm	\$14.50
GLOSATURN_WHITE_12MM	Opals - White Saturn - 12mm	\$22.00
GLOSKULL_BLACK_10MM	Opals - Black Skull - 10mm	\$28.00
GLOSKULL_WHITE_10MM	Opals - White Skull - 10mm	\$25.50
GLOSPADE_WHITE_12MM	Opals - White Spade - 12mm	\$22.50
GLOSPHERE_BLACK_2MM	Opals - Black Sphere - 2mm	\$5.00
GLOSPHERE_BLACK_3MM	Opals - Black Sphere - 3mm	\$7.00
GLOSPHERE_BLACK_4MM	Opals - Black Sphere - 4mm	\$10.50
GLOSPHERE_BLACK_5MM	Opals - Black Sphere - 5mm	\$18.00
GLOSPHERE_BLACK_6MM	Opals - Black Sphere - 6mm	\$30.00
GLOSPHERE_BLUE_4MM	Opals - Blue Sphere - 4mm	\$9.00
GLOSPHERE_CRYSTAL_3MM	Opals - Crystal Sphere - 3mm	\$4.00
GLOSPHERE_CRYSTAL_4MM	Opals - Crystal Sphere - 4mm	\$7.00
GLOSPHERE_CRYSTAL_5MM	Opals - Crystal Sphere - 5mm	\$15.00
GLOSPHERE_GREEN_2MM	Opals - Green Sphere - 2mm	\$5.00
GLOSPHERE_GREEN_3MM	Opals - Green Sphere - 3mm	\$8.00
GLOSPHERE_GREEN_4MM	Opals - Green Sphere - 4mm	\$10.00
GLOSPHERE_GREEN_5MM	Opals - Green Sphere - 5mm	\$18.00
GLOSPHERE_MINT_2MM	Opals - Mint Sphere - 2mm	\$4.50

FUMING METALS, OPALS & QUARTZ



SHAPED GILSON LAB OPALS

Please note: All Gilson Opal sizes are considered approximations.

Also, synthetic opals are only compatible with borosilicate glass 33 COE.

Also, synthetic opals are only compa	tible with borosilicate glass 3	3 COE.
PRODUCT#	DESCRIPTION	PRICE
GLOSPHERE_MINT_3MM	Opals - Mint Sphere - 3mm	\$6.00
GLOSPHERE_MINT_4MM	Opals - Mint Sphere - 4mm	\$10.50
GLOSPHERE_MINT_5MM	Opals - Mint Sphere - 5mm	\$15.00
GLOSPHERE_PINK_2MM	Opals - Pink Sphere - 2mm	\$4.50
GLOSPHERE_PINK_3MM	Opals - Pink Sphere - 3mm	\$10.00
GLOSPHERE_PINK_4MM	Opals - Pink Sphere - 4mm	\$9.00
GLOSPHERE_PINK_5MM	Opals - Pink Sphere - 5mm	\$15.00
GLOSPHERE_RAINBOW_2MM	Opals - Rainbow Sphere - 2mm	\$4.50
GLOSPHERE_RAINBOW_3MM	Opals - Rainbow Sphere - 3mm	\$6.50
GLOSPHERE_RAINBOW_4MM	Opals - Rainbow Sphere - 4mm	\$9.50
GLOSPHERE_RAINBOW_5MM	Opals - Rainbow Sphere - 5mm	\$15.00
GLOSPHERE_RGB_2MM	Opals - RGB Sphere - 2mm	\$5.00
GLOSPHERE_RGB_3MM	Opals - RGB Sphere - 3mm	\$7.00
GLOSPHERE_RGB_4MM	Opals - RGB Sphere - 4mm	\$10.00
GLOSPHERE_RGB_5MM	Opals - RGB Sphere - 5mm	\$18.00

SHAPED GILSON LAB OPALS

Please note: All Gilson Opal sizes are considered approximations.

Also, synthetic opals are only compatible with borosilicate glass 33 COE.		
PRODUCT #	DESCRIPTION	PRICE
GLOSPHERE_RGB_6MM	Opals - RGB Sphere - 6mm	\$28.00
GLOSPHERE_WHITE_2MM	Opals - White Sphere - 2mm	\$4.50
GLOSQUARECOIN_WHITE_3MM	Opals - White Square Coin - 3mm	\$2.25
GLOSTAR_MINT_4MM	Mint Star - 4mm - Opals	\$5.50
GLOSTAR_WHITE_5MM	Opals - White Star - 5mm	\$6.50
GLOTURTLE_WHITE_12MM	Opals - White Turtle - 12mm	\$27.50
GLOTRIANGLECOIN_BLACK_3MM	Opals - Black Triangle Coin - 3mm	\$2.50
GLOTRIANGLECOIN_BLACK_6MM	Opals - Black Triangle Coin - 6mm	\$12.00
GLOTRIANGLECOIN_WHITE_3MM	Opals - White Triangle Coin - 3mm	\$2.25
GLOTRIANGLECOIN_WHITE_6MM	Opals - White Triangle Coin - 6mm	\$10.00
GLOTRILLION_BLACK_4MM	Opals - Black Trillion - 4mm	\$3.75
GLOTRILLION_GREEN_4MM	Opals - Green Trillion - 4mm	\$3.50
GLOTRILLION_WHITE_4MM	Opals - White Trillion - 4mm	\$3.50
GLOWUTANG_WHITE_15MM	Opals - White Wu- Tang - 15mm	\$30.00

QUARTZ & FUMING METALS – MARKET PRICING WILL VARY				
Prices of gold and silver reflect of	urrent market val	ue as of 11/9/20 and fluctuate accordingly.		
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	E23	Silver fuming Wire - 99.9% pure 18 gauge wire. Easier & Cheaper To Use Than Coins Or Grains! **Silver is sold at market pricing and will vary.	\$3.57 per foot	
	E22	Gold Fuming Wire - Easier & Cheaper To Use Than Coins Or Grains! Gold 22 gauge wire, 99.9% pure, 1 inch **Gold is sold at market pricing and will vary. Gold is currently at a 30 year market high and rising.	\$12.35 per inch	



QUARTZ/OXYGEN CONCENTRATORS

	QUARTZ							
PRODUCT#	DESCRIPTION	PRICE	PRODUCT#	DESCRIPTION	PRICE			
QR04	Quartz Rod 4mm - 4ft	\$4.40	QRT10x2	Quartz Tube 10mm x 2mm - 4ft	\$10.80			
QR05	Quartz Rod 5mm - 4ft \$6.4		QRT12x2	Quartz Tube 12mm x 2mm - 4ft	\$14.00			
QR06	Quartz Rod 6mm - 4ft	\$9.60	QRT14x2	Quartz Tube 14mm x 2mm - 4ft	\$27.80			
QR08	Quartz Rod 8mm - 4ft	\$14.80	QRT16x2	Quartz Tube 16mm x 2mm - 4ft	\$38.00			
QRT07x1	Quartz Tube 7mm x 1mm - 4ft	\$7.80	QRT20x2	Quartz Tube 20mm x 2mm - 4ft	\$47.80			

		OXYGEN CONCENTRATORS	
IMAGE	PART#	FRAME	PRICE
The same of the sa	06S05	Airsep Elite Oxygen Concentrator (5Lpm) - 3 Year Warranty - Reconditioned - Drop Ship - Free Drop Shipping - NewLife Elite is AirSep Corporation's most economical line of stationary oxygen concentrators, delivering up to 5 lpm of therapeutic oxygen in home, hospital, and clinical settings. With hundreds of thousands of units in daily use throughout the world, this low power consumption concentrator is known for high performance, easy maintenance, and unmatched reliability. (Flow lockdown and other unique features make this a concentrator of choice among today's patients and equipment providers.) Units are available with an optional oxygen monitor, and an exclusive economy mode (only available with this option) provide the efficiency of a 3 lpm unit, as needed.	
	0 6 S10	Invacare Platinum 10 Oxygen Concentrator (10 LPM) - Reconditioned - Drop Ship - Free Drop Shipping - This reconditioned Invacare Platinum XL 10 LPM Oxygen Concentrator is an excellant choice when searching for value in a quality made American procuct. The Platinum has an adjustable flow range from .5 to 10 lpm and this unit is very quiet and extremely reliable. The updated compressor in this concentrator will operate 40% longer than previous models and average approximately 25000 hours of use before service is required. This model comes with or without the (OCI) Oxygen Concentrator Indicator which will advise you when this machine is operating properly and putting out acceptable oxygen purity levels. This unit comes with a three year warranty which covers parts and labor.	\$1,169.00
REBERE .	0G20	0G-20 Oxygen Generating System - Evolved from the extremely popular OG-15 model, the OG-20 extracts oxygen from the atmosphere, concentrates it up to 93% (\pm 3%) purity, and delivers the oxygen to any application. The OG-20 offers up to 25% more oxygen flow rate and delivery pressure.	\$2,485.00
	OGSHV30	HV30 High Volume Oxygen Concentrator System - Comes with a relay box to control up to 6 Concentrators/Generators. You must supply concentrators to get oxygen from this unit, this unit controls the concentrators and compresses oxygen only. LPM IN (Liters per Minute) = LPM OUT, this means if you have a 40 jet GTT Mirage you need about 1 LPM per jet = four 10 LPM concentrators, and this unit, to NEVER PAY FOR OXYGEN AGAIN! Depending on how often/long you open your outer fire, some people may only need two or three 10 LPM concentrators to run a Mirage! Minimum and Maximum Tank Pressure This Unit Provides ● Minimum = 40 psi ● Maximum = 95 psi	\$5,534.00
dishus,	OGSHV 30DRONE	HV30 High Volume Oxygen Drone - The drone is designed to be able to add more pressure storage in your system, without having to purchase another control box. PLEASE NOTE: In order to run this system you will need connect this to an existing HV60 Concentrator System OGSHV60	\$4,000.00
W Square	OGSHV RELAY	High Volume Oxygen Relay Box	\$245.00

OXYGEN CONCENTRATORS/PHILLIPS SAFETEY GLASSES (#)



OXYGEN CONCENTRATORS			
IMAGE	PART#	FRAME	PRICE
	OGSHVMMv	Mighty Mite 20 Gallon - HVO Concentrator System - The HVO Mighty Mite 20 Gallon System is an on demand oxygen system that serves as the link between oxygen concentrators and high-pressure, high-flow oxygen applications such as dissolved oxygen, ozone generation, scientific glass, torch glass, veterinary medicine, aquaculture, and metal welding/cutting. The 20 gallon tank can store 27 cubic feet of oxygen at 150 psi with purity in the range of 93-96% (depending on the oxygen concentrators used). The system, with the use of oxygen concentrators sold separately, produces oxygen from atmospheric air for high-pressure, high-flow applications, It operates quietly, efficiently and economically, costing only pennies a day in electricity. Patented technology allows for the addition of expansion modules to address future demand for oxygen capacity.	\$5,800.00
	E180	Oxygen Concentrator/Generator Coupler - Double - This coupler allows you to connect multiple oxygen concentrators (also known as oxygen generators) to a single oxygen hose for your torch. This will increase oxygen volume by combining more than one source.	\$34.50



PHILLIPS SAFETY GLASSES

The Phillips 202 blocks UV and sodium flare and is used for torch work for bead making and silver soldering. This is the traditional glass lens often referred to as "rose glass" or "didymium."

Phillips BoroTruView lenses are made for the true glass-working artist. These lenses are specially designed to offer excellent color recognition while working with colored glass while still providing UV, IR, and Sodium Flare protection. The gray IR filter is color neutral so you can easily see the different colors of the glass and the heat being applied. These revolutionary polycarbonate filter lenses are much lighter than conventional laminated and glass products.

		PHILLIPS SAFETY GLASSES		
IMAGE	PART#	FRAME	PRICE	
NO.	PH19	Phillips 202 - Polycarbonate Over Prescription — Comfortable unifit nylon frames Phillips 202 polycarbonate over prescription glasses, adjustable temple bar that is lightweight and durable. Polycarbonate sodium flare lenses with an anti-scratch coating. Excellent for working with soft glass.	\$73.50	
			QUANTITY	PRICE
	חסט	Phillips Economy 70 F Frame - ACE 202 — The Economy 70 frame comes in smoke gray, equipped with side shields. The frame has a comfortable fit and has been a safety glass industry standard for many years.	1-9	\$84.50
~	PH20		10-19	\$67.60
1			20+	\$63.38
0 -	PH01-3	Phillips Economy 70 F Frame - Green ACE Shade 3 — Same as above w/shade 3 laminate over ACE 202 lenses	\$105.00	
	PH01-5	Phillips Economy 70 F Frame - Green ACE Shade 5 — Same as above w/shade 5 laminate over ACE 202 lenses	\$10	5.00
3	PH12	Phillips Maxx Frame - ACE 202 — Phillips Maxx is a stylish, lightweight, and comfortable wrap-around plastic sun glass style frame. The Maxx Wrap's biggest attribute is how it's designed to hug the contour of your face blocking light from all angles.	\$150.00	
	PH07	Phillips Maxx Frame - Green ACE Shade 3 — Same as above w/shade 3 laminate over ACE 202 lenses	\$170.00	

Liability Disclaimer - Mountain Glass, its employees, and Phillips Safety Products are not optometrists. We can only make suggestions concerning eye protection. Mountain Glass, its employees, and Phillips Safety Products do not accept any liability concerning eye damage arising from the use, misuse, or non-use of any eyewear products we sell.



PHILLIPS SAFETEY GLASSES

	PHILLIPS SAFETY GLASSES				
IMAGE	PART #	FRAME	PRICE		
	PH10	Phillips Maxx Frame - Green ACE Shade 5 — Same as above w/shade 5 laminate over ACE 202 lenses	\$170.00		
	PH15	Phillips 808 Frame - ACE 202 — The Model 808B is a comfortable and lightweight yet sturdy, one size fits all, nylon frame. Don't let the sharp-looking streamlined design fool you, this frame is all function. Rubber nose pads and rubberized temple bars provide comfortable grip while the wrap around design ensures that your eyes are protected. You can look good while you work with the Model 808B.	\$150.00		
	PH16	Phillips 808 Frame - Green ACE Shade 3 — Same as above w/ shade 3 frames.	\$170.00		
	PH18	Phillips 808 Frame - Green ACE Shade 5 — Same as above w/ shade 5 frames.	\$170.00		
	PH42	Phillips Over-Prescription - ACE 202 - The Phillips Fitover is a comfortable, lightweight, and durable black rubberized nylon frame that is designed to fit over prescription eyewear. These glasses will fit over almost any style of glasses with comfort.	\$106.00		
0	PH43	Phillips Over-Prescription - Green ACE Shade 3 - Same as above w/shade 3 laminate over ACE 202 lenses	\$155.00		
	PH44	Phillips Over-Prescription - Green ACE Shade 5 - Same as above w/shade 5 laminate over ACE 202 lenses	\$155.00		
	PH45	Phillips Assurance Frame - ACE 202 - Say goodbye to the flimsy wire frame! The Assurance is an all-aluminum wrap-around frame that provides you with a stylish and sturdy way to protect your eyes. This durable yet lightweight frame comes with rugged dual-spring hinges for added reliability, completely adjustable rubber nose pads, and rubber temple pads to create a comfortable frame that lasts. ANSI Z87 approved.	\$175.00		
	PH46	Phillips Assurance Frame - Green ACE Shade 3 - Same as above w/shade 3 laminate over ACE 202 lenses	\$190.00		
	PH48	Phillips Assurance Frame - Green ACE Shade 5 - Same as above w/shade 5 laminate over ACE 202 lenses	\$190.00		
00	PH30	Phillips Clip Ons - ACE 202 - Lightweight, Polycarbonate Sodium Flare Clip-on Flip up. Fit Almost Any Style Glasses. Excellent for Soft Glass Working applications.	\$73.50		
	PH31	Phillips Clip Ons - Green Shade 3 - Lightweight plastic clip-on flip up spectacles are excellent for filtering UV and IR rays. They will fit almost all frame styles.	\$49.00		
	PH32	Phillips Clip Ons - Green Shade 5 - Same as above w/shade 5 laminate	\$49.00		
	PH51	Phillips Geek Cat Pink - ACE 202 — Stylish, feminine GEEK CAT 01 frames are the must-have look of the season. This classic frame is designed to please glassblowing specialists with a unique fashion sense.	\$155.00		
00	PH52	Phillips Geek Cat Pink - Green ACE Shade 3 — Same as above.	\$155.00		
	PH53	Phillips Geek Cat Pink - Green ACE Shade 5 — Same as above.	\$155.00		

PHILLIPS SAFETEY GLASSES/WALEWEAR SAFETEY GLASSES 🌑



PHILLIPS SAFETY GLASSES				
IMAGE	PART #	FRAME	PRICE	
-	PH54	Phillips RK2 Safety Goggles - ACE 202 — The RK2 Goggle is a vented goggle with neoprene foam on the inside to protect against splashing and sweat on your face. The elastic adjustable head band makes this frame extremely comfortable.	\$149.50	
	PH55	Phillips RK2 Safety Goggles - Green ACE Shade 3 — Same as above.	\$160.00	
	PH56	Phillips RK2 Safety Goggles - Green ACE Shade 5 — Same as above.	\$160.00	
	PH57	BoroView 3.0 - Aviator Clip-On Glasses - Phillips — Phillips BoroView 3 lenses are designed to meet the need of those working borosilicate glass who require extra UV and IR protection. These glasses take Phillip's proprietary ACE202 lenses and add a shade 3. The lenses are a specially formulated Polycarbonate filter which makes them light and affordable while providing protection beyond standard didymiums.	\$110.00	
	PH58	BoroView 5.0 - Aviator Clip-On Glasses - Phillips — Same as above.	\$110.00	

		WALEWEAR GLASSES	
IMAGE	PART #	FRAME	PRICE
SB-Series	WG07	Pink Frames - Shade 3 Lenses — These glasses have the addition of a welder shade #3 for additional brightness reduction. The glasses in the "B3" series would typically be used by the borosilicate glass lampworker.	\$65.00
ED-Earles	WG08	Pink Frames - Shade 3 Lenses — Same as above.	\$65.00
WA.	WG11	WaleWear Lampworking Glasses - SB Lenses - Recspec Biker — These lenses are slightly darker than the standard lenses. The glasses in the "SB" series would typically be used by the soft glass or clear borosilicate glass lampworker, glassblower, and kiln worker.	\$75.00
	WG12	WaleWear Lampworking Glasses - B3 Lenses - Recspec Biker — Same as above.	\$75.00
9	WG13	WaleWear Lampworking Glasses - SB Lenses - Fit Over Style — This series of eyewear is slightly darker than the "S" series. The glasses in the "SB" series would typically be used by the soft glass or clear borosilicate glass lampworker, glassblower, and kiln worker. Offers Sodium Flare, UV, and IR protection.	\$69.95
9	WG14	WaleWear Lampworking Glasses - B3 Lenses - Fit Over Style — Same as above.	\$69.95
60 C	WG15	WaleWear Lampworking Glasses - SB Lenses - Black with Blue - This series of eyewear is slightly darker than the "S" series. The glasses in the "SB" series would typically be used by the soft glass or clear borosilicate glass lampworker, glassblower, and kiln worker. They offer Sodium Flare, UV, and IR protection.	\$79.99
	WG16	WaleWear Lampworking Glasses - B3 Lenses - Black with Blue - Same as above.	\$79.99

Liability Disclaimer - Mountain Glass, its employees, and Phillips Safety Products are not optometrists. We can only make suggestions concerning eye protection. Mountain Glass, its employees, and Phillips Safety Products do not accept any liability concerning eye damage arising from the use, misuse, or non-use of any eyewear products we sell.

WALEWEAR SAFETEY GLASSES/KEVLAR GLOVES, SLEEVES & HEAT DEFENSE

WALEWEAR GLASSES					
IMAGE	PART #	FRAME	PRICE		
	WG17	WaleWear Lampworking Glasses - SB Lenses - Black with Orange - This series of eyewear is slightly darker than the "S" series. The glasses in the "SB" series would typically be used by the soft glass or clear borosilicate glass lampworker, glassblower, and kiln worker. They offer Sodium Flare, UV, and IR protection.	\$79.99		
	WG18	WaleWear Lampworking Glasses - B3 Lenses - Black with Orange - Same as above.	\$79.99		

KEVLAR GLOVES, SLEEVES & HEAT DEFENSE PADS				
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
E24		14" Zetex Plus 1500-2000 Degree Gloves — ZetexPlus®, a highly texturized fiberglass fabric treated with a proprietary vermiculite coating. ZetexPlus® can withstand continuous operating temperatures up to 1500°F (815°C) and peak temperatures up to 2000°F (1095°C), meaning that extended direct contact with temperatures around 2000° F (1095°C) may damage the gloves, but at temperatures around 1500°F (815°C), the user will be protected for a longer duration.	\$73.62	
USA	EQ149	23" Zetex Plus 1500-2000 Gloves — Same as above but 23".	\$95.99	
	EQ172	11" Black Carbon X Knit Gloves — This 11" Black Carbon X Knit Gloves are ambidextrous, they withstand direct flame without melting, igniting, or burning, and they protect from molten glass and heat from the flame. They measure 11" length.	\$24.95	

PRODUCT#	DESCRIPTION	PRICE
E26	Med Size Kevlar Gloves	\$9.00
E66	Large Kevlar Gloves	\$9.00
E67-M	Medium Fingerless Kevlar gloves	\$9.00
E67-L	Large Fingerless Kevlar gloves	\$9.00
E143	Small Black Kevlar Gloves	\$17.46
E144	Medium Black Kevlar Gloves	\$17.46
E145	Large Black Kevlar Gloves	\$17.46
E146	Small Fingerless Black Kevlar Gloves	\$16.00
E147	Medium/Large Fingerless B lack Kevlar Gloves	\$17.46
E156	Large Jersey Kevlar Gloves	\$44.00
E64	One 18" Yellow Kevlar sleeve with Thumb Hole	\$10.00

PRODUCT #	DESCRIPTION	PRICE
E65	One 24" Yellow Kevlar sleeve with Thumb Hole	\$17.90
E148	18" Black Kevlar Sleeve with Thumb Hole	\$15.00
E149	22" Black Kevlar Sleeve with Thumb Hole & Velcro Strap	\$26.36
E150	Heat Defense Pad 8" x 10" 4 ply Carbon X (Soft Twill)	\$49.19
E151	Heat Defense Pad 8" x 10" 4 ply Carbon X (Hard Twill)	\$56.69
E152	Heat Defense Pad 12" x 12" 4 ply Carbon X (Soft Twill)	\$56.69
E153	Heat Defense Pad 12" x 12" 4 ply Carbon X (Hard Twill)	\$9.00
E155	Heat Defense Pad 12" x 24" 4 ply Carbon X	\$109.99

ROOKS / READ TOPCHES & ACCESSORIES / READ TOOLS & READ CLEANING TOOLS A



		BOOKS	
IMAGE	PART #	DESCRIPTION	PRICE
Glassbiowing	ВКОЗ	Glassblowing by H.L. Hoyt - The craft of glassblowing or lampworking is depicted in this comprehensive manual showing step-by-step procedures for over sixty items. Topics include shop set-up, solid sculpture, blowing with tubing and surface decoration. Information on how to use and where to buy equipment and supplies is included. Extremely well illustrated. Hard cover with spiral binding. 9½" X 10", 267 pages.	\$44.99
CONTEMPORARY CONTEMPORARY LAMPWORKING LAMPWORKING	BKO4	Contemporary Lampworking Volume 1 & 2 - by Bandhu S. Dunham. 256 pages each (512 total). This new and expanded, revised third edition is now a two volume set. Over 100 pages of new material includes additional techniques for jewelry, marbles, beads, paperweights, vessels, goblets, neon plasma sculpture, millefiore canes, lathe working, core-forming and combinations of lampwork with other glass techniques. Health and safety information has been newly updated to reflect recent NIOSH research. Chapters on the history of lampworking and the general properties of glass have been greatly expanded. 8½" X 11" hardcover.	\$69.50
CONTEMPORARY LAMPWORKING	BK42	Contemporary Lampworking Volume III - by Bandhu S. Dunham. 320 pages. Continuing the Contemporary Lampworking series, Dunham has composed another comprehensive and detailed body of information. Written in an easy to read and highly informative format while offering an index to find specific topics on demand.	\$59.95
DI N. TI . I		BEAD TORCHES & ACCESSORIES	
		arter kit listed in the starter kit section of this catalog.	
IMAGE	PROI	DUCT# DESCRIPTION	PRICE

		DEAD TOKCHES & ACCESSORIES	
Please Note: There is a bead m	aking starter kit l	isted in the starter kit section of this catalog.	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
3	B91	Hot Head Bead Torch — Uses disposable propane or MAPP gas bottles. This is the industry standard bead making torch and does not require oxygen, great entry level torch.	\$39.95
	B92	Hot Head Torch Work Surface With Bottle Holder — For use with such torches as the Hot Head. Securely holds a small propane or MAPP gas bottle off the front edge of your table and allows you to adjust its height. The front of the holder is a 9" x 16" stainless steel work surface.	\$28.00

	BEAD TOOLS & BEAD CLEANING TOOLS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
11/1	B01	Bead Hole Cleaning Kit — 4 interchangeable diamond coated tools of varying sizes which hide inside the handle containing a chuck, screw top lid for easy access.	\$9.00	
6	B41	Bead Cleaning Brush — Double ended brush ideal for cleaning mandrel release from any bead hole 3/32" and larger.	\$4.00	
6	B04	Bead Hole Reamer With Wooden Handle — For cleaning out bead release, tungsten carbide coated wire with a handle, for holes 3/32" and larger.	\$4.25	
MADE IN THE USA	E103	Leonardo Petal Puller - Small — The Leonardo Petal Puller (patent pending) "pulls" petals to make your flowers and leaves very easily. You can make a variety of flowers with this tool depending on how and where you put the petals. You can make orchids, pansies, daisies, roses among many others.	\$28.00	
30-	Elll	Leonardo Petal Puller - Large — The large petal puller allows you to pull petals approximately 4mm by 16mm by 26mm. The handle is 8 inches long without the petal tip. Basic Instructions will be sent with purchase of puller.	\$28.00	

BEAD TOOLS & BEAD CLEANING TOOLS/MARVERING & TEXTURING TOOLS/BEAD MANDRELS

BEAD TOOLS & BEAD CLEANING TOOLS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	G94	Dinah Masher — 2 x 3" Graphite Block, 3/4" Thick, contoured wood handle graphite mashing paddle. Used to mash glass against a marvering pad.	\$35.00
	B46	Peters Tweezers — A dual purpose tool. These specially modified tweezers have their pointed ends bent around so that the very end of their points point directly at each other. This tool works great for locating opposite sides of any bead or marble up to 11/4" across or to make loops and holes on pendants.	\$7.50
46	B42	Micro Mashing Tweezers — 4% " long tweezers have small flat thin pads measuring 1% " X 1% ". Excellent for tiny detail work in tight places.	\$3.50
		MARVERING & TEXTURING TOOLS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	B09	Holy Roller — A Texturing tool to add an interesting design to your lamp worked beads. While your bead is still molten, just roll it across the plate for the desired texture. The raised plate with pea sized holes is $3''$ wide $\times 4 - 1/4''$ long.	\$6.50
	B06	Stainless Steel Marvering Surface — This is a 6" x 6" stainless steel surface that sits 3/8" off the table, you can use it as a place to lay hot glass tools or to shape your beads while working with them. Less expensive than a graphite plate.	\$6.00
	B07	Grooved Marver — This is an ideal tool for bead makers. One side is a smooth flat surface for doing round or flat shapes, while the other side has 12 vertical parallel fins with rounded tops. You can roll hot beads over the fins to produce a linear, grid or pineapple pattern. Made of solid aluminum to stay cool. 1 7/8" x 4" x 5/8"	\$8.50
		BEAD MANDRELS	
IMAGE	PRODUCT #	DESCRIPTION	PRICE
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	B70	1/16 " x 10 " long — Stainless steel bead mandrel, 10 per pack (smallest)	\$6.00
\\\\\	B71	3/32 " x 10 " long — Stainless steel bead mandrel, 10 per pack	\$6.25
\\\\\\	B72	1/8 " x 10 " long — Stainless steel bead mandrel, 10 per pack	\$6.50
	B73	5/32 " x 10 " long — Stainless steel bead mandrel, 10 per pack (largest)	\$10.00
	B88	3/16" x 10" Mandrel Pack (10 pcs) — Stainless steel rods used to make beads on, 10" Long. The 3/16" mandrel is the ideal size for making Pandora beads and using our bead inserts with.	\$10.00
	B74	7/16th Big Hole Mandrel — Used to make large holes in glass beads, rings, sculpture or for core formed vessels. The handle is thin enough to make quicker rotations and marvering easier. And, unlike tubing, you do not need to worry about moisture getting trapped in the handle and burning you.	\$10.45
	B75	Same as above with 5/8th Big Hole Mandrel	\$11.25
	B76	Same as above 1 inch Big Hole Mandrel	\$15.00
	B39	Same as above with 3/8th Big Hole Mandrel	\$12.00
	B40	Same as above with 3/4th Big Hole Mandrel	\$13.00
	B86	Same as above with 1/2" Big Hole Mandrel	\$11.00
- 10	B87	Same as above with 7/8" Big Hole Mandrel	\$14.00

BEAD MANDRELS/BEAD RELEASE 🌑

		BEAD MANDRELS	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
	B77	3/32" Hollow "Puffy" Mandrel closed at one end w/side hole — Make hollow beads much easier than the old fashioned way, using these stainless steel tube mandrels with a small blow hole on their side. The Puffy Mandrels are 12" long and have a small hole drilled in their side near one end of the tube.	\$8.00
- Constant	B78	Same as Above with 1/8" Hollow "Puffy" Mandrel closed at one end w/side hole	\$9.00
	B79	Same as Above with 1/4" Hollow "Puffy" Mandrel closed at one end w/side hole	\$18.00
1	B80	1/4" Tube Mandrel — 16 inch long	\$18.00
	B81	3/8" Tube Mandrel — 12 inch long	\$9.00
	B82	1/2" Tube Mandrel — 12 inch long	\$9.00
	B95	5/8" Diamond Mandrel — Same as above.	\$12.00
//	B97	3/8" Heart Mandrel — Same as above.	\$13.95
6 6	B98	5/8" Heart Mandrel — Same as above.	\$13.95
	B116	1/16" Button Mandrel — This two-prong mandrel allows beadmakers to create buttons. We offer two sizes- this is the smaller one, at 1/16". They both measure 11" long.	\$9.95
	B117	3/32" Button Mandrel — Same as above.	\$9.95
	B118	Flat Mandrel — This mandrel measures 12" long, with a 2.25" x 1/2" head.	\$9.95
	B119	1/2" Triangle Mandrel — This 1/2" triangle mandrel measures a total of 12" long.	\$12.50
	B121	3/8" Triangle Mandrel — This stainless steel mandrel measures 12" long, with the triangular end measuring 3/8" wide and 1.75" long.	\$12.00

USA		BEAD RELEASE	
IMAGE	PRODUCT#	DESCRIPTION	PRICE
DIP-N-GO SLUDGE	B59	Dip-N-Go Sludge Ultra 4 fl. oz - The ultimate flame drying mandrel release for all sizes of solid and hollow mandrels. A thin coating can literally be slammed into the hottest area of the flame and completely dried within a couple of seconds. To dry a thick coating, just dance the mandrel further out in the flame for five to ten seconds. Strong while working the glass, yet easy to release when cool. A favorite for working borosilicate (hard) glass.	\$7.00
N-GO SLOVE IN THE SECOND STATE OF THE SECOND S	В99	Dip-N-Go Sludge Ultra 8 fl. oz - Same as previous in but in 8oz container	\$14.00
-	B60	Dip-N-Go Sludge Ultra 16 fl. oz - Same as previous in but in 16oz container	\$21.00
	B63	Foster Fire Mandrel Release 4 fl. oz - Flame or air drying. Regular formula for soft glass.	\$6.00
and la	B64	Foster Fire Mandrel Release 18 fl. oz - Flame or air drying. Regular formula for soft glass	\$20.00
MOOTH!	B65	Foster Fire Tough and Smooth Formula Mandrel Releaser, 4 fl. oz - Flame or air drying. This Heavy Duty Formula is recommended for sculptural, borosilicate (hard) glass or hollow beads.	\$10.00
	B66	Foster Fire Tough and Smooth Formula Mandrel Releaser, 16 fl. oz - Flame or air drying. This Heavy Duty Formula is recommended for sculptural, borosilicate (hard) glass or hollow beads.	\$24.00

BEAD RELEASE/MISC BEAD ACCESSORIES/BEAD EFFECTS

	BEAD RELEASE			
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	B111	Fusion Bead Release - 2 oz - The original flame dry bead separator. Extremely durable and easy to use.	\$5.00	
	B112	Fusion Bead Release - 4 oz - Same as above.	\$6.75	
Found freshold Indigentalization	B113	Fusion Bead Release - 8 oz - Same as above.	\$11. <i>7</i> 5	
Bead Separation	B114	Fusion Bead Release - 16 oz - Same as above.	\$19.75	
	B115	Fusion Bead Release - 32 oz - Same as above.	\$37.75	

		MISC BEAD ACCESSORIES		
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
11/1	В08	Tool and Rod Rest — Simple but very helpful. Use to hold your hot glass rods and tools to keep them from burning your work table. Also keeps them free of particles on your table which could end up in your work. The evenly spaced slots make tools and rods easy to see and pick up. 7 1/2" long with 10 slots	\$6.00	
9	B15	Economy Quality Brass Stump Shaper — This Economy Quality Brass Stump Shaper is a great addition to the tool box while working with a budget. One long side has a radius on its edge. The opposite side has a 1/4" radius that tapers to a point at the end of the paddle where the corner of the paddle is rounded.	\$9.99	
1	B37	Razor Tool — A single edge razor blade mounted in a handle. Used to make thin cut like impressions in hot glass.	\$5.50	
			QUANTITY	PRICE
	B10 cod	Ceramic Fiber Blanket — Layer two of these together or fold one in half to provide a cooling area for finished beads. Also used to insulate kilns, kiln doors or to provide better seals which reduce thermal loss. Contains no asbestos. Size of 20" x 24" x 1".	1	\$21.95
			2-4	\$15.00
			5+	\$10.00

	GLASS ETCHING			
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
The state of the s	B43	Glass Etching, 4oz - Chemically etch your glass beads to produce a soft velvet or satin finish and look. Comes as a dry crystal. Has the consistency of water after you mix it with hot water. Glass item to be etched is immersed into etching liquid. When diluted to 50% strength, it works very well to soften the harshness of sandblasted glass. Does not work well on borosilicate glass.	\$9.00	
etchall	B49	Etch All Dip-n-Etch, 4oz - Chemically etch your glass beads to produce a soft velvet matte or satin finish and look. Your finished product will be fingerprint proof and able to retain oil or acrylic paints and inks. Works great on all glass, mirror, ceramic, porcelain, marble, or slate products. Does not work well on borosilicate glass such as Pyrex, Simax or Kimble. Premixed and re-usable.	\$20.00	



BEAD EFFECTS/ADD A BEAD FINDINGS



PIXIE DUST				
IMAGE	PRODUCT#	DESCRIPTION	PRICE	
	B27	Pixie Dust - Mica Powder - Super Sparkle 100g - A sparkly dust used in fusing or for decorating beads. Cap with clear glass on bead for beautiful sparkle effects.	\$27.99	
Mica Powder Super Sparkle	B28	Pixie Dust - Mica Powder - Inca Gold 100g - A sparkly dust used in fusing or for decorating beads. Cap with clear glass on bead for beautiful sparkle effects.	\$27.73	
Option Property	B55	Pixie Dust - Mica Powder - Super Copper 100g	\$27.99	
	B56	Pixie Dust - Mica Powder - Hi-Lite Super Gold 100g	\$38.99	

LEAF & FOIL

Prices of gold, silver and copper reflect current market value as of 11/9/20 and fluctuate accordingly. Leaf & Foil are very thin & delicate, therefore, only sold by the book. Foil is substantially thicker than Leaf & a lot easier to handle. Still, both require careful handling. If not dealt with properly, gold & silver leaf will burn off in the flame, whereas foil will tolerate being left in the flame longer.

IMAGE	PRODUCT#	DESCRIPTION	PRICE
	B30	Silver Foil Sheets 3-3/8" X 3-3/8"— 25 leaves, .999 Pure	\$24.00
	B31	Silver Leaf 3-3/4" X 3-3/4", Pack of 25 Sheets, .999 Pure	\$18.00
	B47	Copper Leaf 5-1/2" X 5-1/2", Pack Of 25 Sheets, .999 Pure	\$9.65
	B48	Gold Leaf 3-3/8" X 3-3/8", Pack Of 25 Sheets, 22 kt	\$57.00

ADD A BEAD FINDINGS			
IMAGE	PRODUCT#	DESCRIPTION	PRICE
BAB01		Bangle - Silver — This beautiful bangle can easily be decorated with your favorite beads and charms. Available in silver plate only. Measures 2-3/5 inches x 2 inches with a thickness of 3/32 of an inch.	\$3.00
0=-	BAB02	Bottle Opener 1.5 inch Shank — A lovely, nickel plated bottle opener just waiting to be beaded. The shank on the opener is 2.25"" long by 3/32"" in diameter.	\$6.45
	BAB03	Canape Knife - Stainless Steel — Available in silver color stainless steel. Measures 2-3/5 with approx. 1-3/5 beadable area.	\$4.45
g 13-	BAB05	Designer Letter Opener — Silver Plated	\$8.60
-	BAB08	Wine Stopper 1.25 inch Shank — Requires a 3mm (1/8) hole for the beads	\$6.45
	BAB07	Wine Stopper 2 inch Shank — Requires a 3mm (1/8) hole for the beads	\$6.45
$\overline{}$	BAB09	Bookmark 4.75 inches - Nickel Color — This hook shaped bookmark measures 4.75 inches long, and is apprx inch wide, flat end is .09mm thick. There is a hole on the top hook to wire a bead onto.	\$0.99
\sim	BAB10	Bookmark 6 inches - Nickel Color — This hook shaped bookmark measures 4.75 inches long, and is approximately an inch wide, flat end is .09mm thick. There is a hole on the top hook to wire a bead onto.	\$1.10
	BAB12	Choker - Silver Plated — Available in silver color stainless steel. Measures 5 with approx. 1-1/4 beadable area.	\$4.29
Cip	BAB14	Key Finder with Stem — Silver Plated	\$3.57

MOUNTAIN GLASS MERCHANDISE









MACHINITAIN	CLACC	MERCHANDISE
MOUNIAIN	GLASS -	WEKCHANDISE

Please see website for current styles and offerings. Images may vary.

DESCRIPTION	1 , ,
6-Panel Snapback Trucker Hat - Colors: Black, Black/White/Red, Navy/White/Red, Olive & Black & Pink & Black	\$25.00
5-Panel Snapback Trucker Hat - Colors: Charcoal & Black, Cobalt Blue & Grey, Green & Tan, Heather Grey & Black & Khaki & Coffee	\$25.00
12" Cuffed Winter Beanie with Patch - Colors: Black, Charcoal, Heather Grey & Maroon	\$16.95
T-Shirt - Men's Long Sleeve - Misty Mountain Grey - Sizes: Small, Medium, Large, XL & 2XL	\$27.00
T-Shirt - Men's Short Sleeve - Sage - Sizes: Small, Medium, Large, XL & 2XL	\$20.00
T-Shirt - Men's Short Sleeve - Vintage Black - Sizes: Small, Medium, Large, XL & 2XL	\$20.00
T-Shirt - Men's Short Sleeve - Maroon - Sizes: Small, Medium, Large, XL & 2XL	\$25.00
T-Shirt - Men's Short Sleeve - Steel Blue - Sizes: Small, Medium, Large, XL & 2XL	\$25.00
T-Shirt - Unisex - MGA West - Black - Sizes: Medium, Large, XL & 2XL	\$20.00

DESCRIPTION	PRICE EACH
T-Shirt - Unisex - MGA West - White - Sizes: Medium, Large, XL & 2XL	\$20.00
T-Shirt - Women's Short Sleeve - Purple - Sizes: Small, Medium & Large	\$20.00
T-Shirt - Women's Short Sleeve - Vintage Black - Sizes: Small, Medium & Large	\$20.00
Hoodie - Super Light Weight - Vintage Black - Sizes: Medium, Large, XL & 2XL	\$27.00
Tank Top - Men's - Military - Sizes: Small, Medium, Large & XL	\$20.00
Tank Top - Men's - Charcoal - Sizes: Small, Medium, Large & XL	\$20.00
Tank Top - Women's - Black - Sizes: Small, Medium & Large	\$20.00
Tank Top - Women's - Dark Olive - Sizes: Small, Medium & Large	\$20.00
Made in the USA Sticker - 1 Roll Approx 7,500	\$149.00

MOUNTAIN GLASS – GIFT CERTIFICATES

Gift certificates are available on our website in \$25.00 increments or you can order them via phone in any amount.

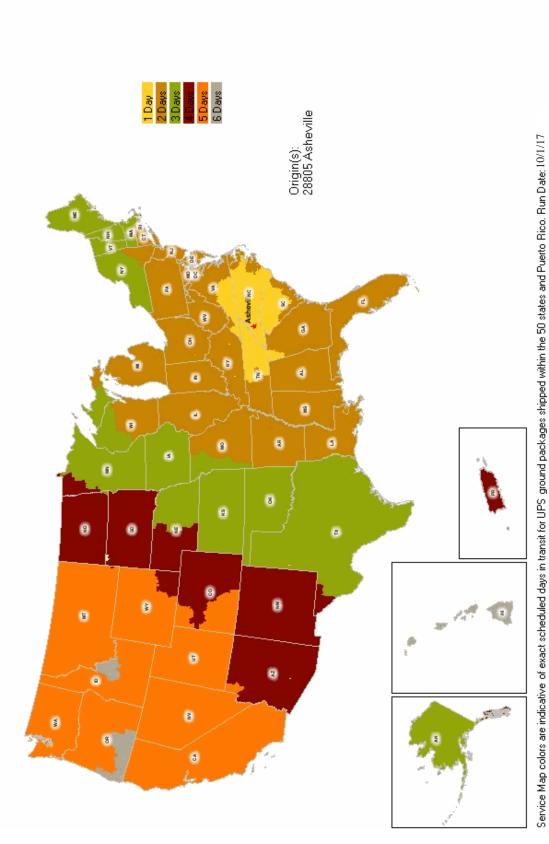


Thank you so much for taking the time to look over our catalog. We appreciate your continued support.





UPS Time in Transit





Shipping Guarantee

Orders placed by 2:30 PM are guaranteed to ship the same day or your shipping charges for that order will be refunded.



Price Match

If you are currently purchasing from another supplier just because they have a better price on a product you need, call us. In most instances, we can set you up with the same pricing offered by other suppliers.



Global Re-Leaf

In cooperation with American Forests a tree is planted for every order of over \$100. Over 67,000 trees have been planted as of 12/1/2020.



100% Green Power

With the help of NC Green Power, Mountain Glass has been off setting 100% of its electric use with renewable resources such as solar, wind, biomass and water since 1/1/2006.



Just Economics

Mountain Glass values our employees and believes in improving the conditions for working people, businesses and our local economy.

