

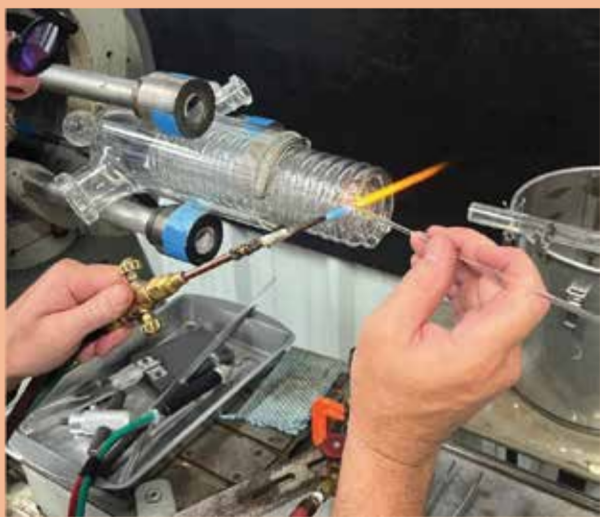
# Scientific Glassblowing

- Custom Glassblowing
- Glassware Repairs



## Why Replace When You Can Repair?

Most minor glassware breakages can be fixed for a fraction of the cost of buying new. Simply send us your damaged glassware, and our expert glassblowers will handle the rest. We offer transparent pricing for most services, ensuring no surprises. Free estimates are available upon request before any work begins.



## Precision-Crafted Glassware

Are you struggling to find the perfect glassware for your needs? We specialize in crafting precision scientific glassware tailored to your exact specifications. Enhance your research efficiency and achieve breakthrough results with our custom solutions.

## Save Money & Time with Expert Glassware Repair at Merge Scientific!

### Trust the Experts

Mike Gnann, Co-founder and Master Glassblower, brings a wealth of knowledge and expertise to Merge Scientific Solutions. Recognized globally by leaders in the scientific glass industry, Mike ensures our team delivers the highest standards in glassware craftsmanship.



### Expert Repairs

Intricate glassware that cannot be mass-produced is expertly crafted and repaired by our master glassblowers, with quality, safety, and sustainability as top priorities. We won't waste your money; if a repair isn't cost-effective, we'll recommend a new purchase instead.



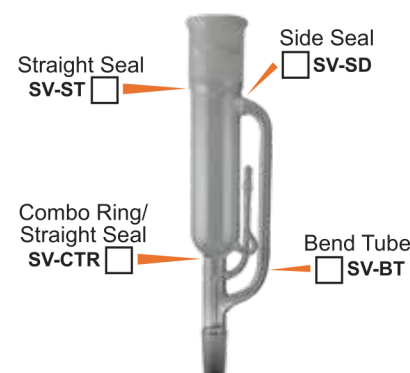
### Free Pick-up and Delivery

We offer free pick-up and delivery within 60 miles for approved accounts. Our team ensures the safety and integrity of your glassware during transport. Give us a call or email today!

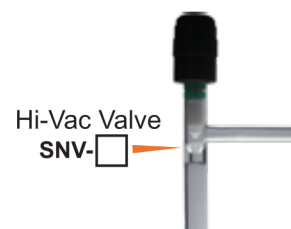
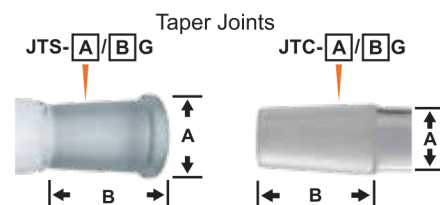
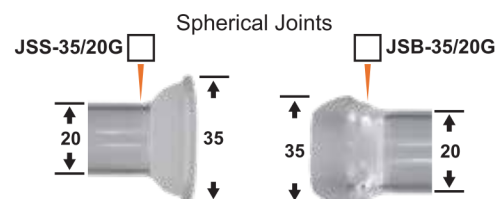
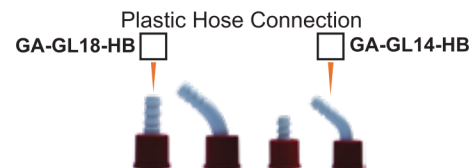


# Commercial Service Codes and Rates

Labor Tasks			
Activity Code		Description	Rate
Seals	SV-ST1	Straight Seal S tube (< 12mm OD)	\$15.00
	SV-ST2	Straight Seal M tube (12 -25mm OD)	\$17.50
	SV-ST3	Straight Seal L tube (26 -50mm OD)	\$20.00
	SV-ST4	Straight Seal XL tube (50-75 mm OD)	\$22.50
	SV-SD1	Side Seal S tube (≤12mm OD)	\$20.00
	SV-SD2	Side Seal M tube (12 -25mm OD)	\$22.50
	SV-SD3	Side Seal L tube (26 -50mm OD)	\$27.50
	SV-SD4	Side Seal XL tube (50-75 mm OD)	\$30.00
	SV-CTR1	Combo Ring/Straight Seal S tube (≤12mm OD)	\$22.50
	SV-CTR2	Combo Ring/Straight Seal M tube (12 -25mm OD)	\$27.50
	SV-CTR3	Combo Ring/Straight Seal L tube (26 -50mm OD)	\$32.50
	SV-CTR4	Combo Ring/Straight Seal XL tube (50-75 mm OD)	\$37.50
	SV-CSR1	Combo Ring/Side Seal S tube (< 12mm OD)	\$30.00
	SV-CSR2	Combo Ring/Side Seal M tube (12 -25mm OD)	\$37.50
	SV-CSR3	Combo Ring/Side Seal L tube (26 -50mm OD)	\$45.00
	SV-CSR4	Combo Ring/Side Seal XL tube (50-75 mm OD)	\$50.00
	SV-RF1	End Seal - round /flat bottom S tube (≤12mm OD)	\$15.00
	SV-RF2	End Seal - round/flat bottom M tube (12-25mm OD)	\$17.50
	SV-RF3	End Seal - round/flat bottom L tube (26-50mm OD)	\$20.00
	SV-RF4	End Seal - round/flat bottom XL tube (50-75 mm OD)	\$25.00
Heat & Form	SV-BT1	Bend Tube S (< 12mm OD)	\$8.75
	SV-BT2	Bend Tube M (12-25mm OD)	\$10.00
	SV-BT3	Bend Tube L (26-50mm OD)	\$15.00
	SV-BD1	Form Bead Small (< 12mm OD)	\$7.50
	SV-BD2	Form Bead Medium (12-25mm OD)	\$8.75
	SV-BD3	Form Bead Large (26-50mm OD)	\$10.00
Cut & Polish	SV-CP1	Cut & Polish chipped stem S (< 12mm OD)	\$8.75
	SV-CP2	Cut & Polish chipped stem M (12 -25mm OD)	\$10.00
	SV-CP3	Cut & Polish chipped stem L (26 -50mm OD)	\$15.00
	SV-CP4	Cut & Polish chipped stem XL (50mm -75mm OD)	\$25.00
Extend	SV-XTP1	Extend tip or stem S (< 12mm OD)	\$15.00
	SV-XTP2	Extend tip or stem M (12 -25mm OD)	\$17.50
	SV-XTP3	Extend tip or stem L (26 -50mm OD)	\$20.00
MISC.	SV-RPR-C	Repair Star and minor Cracks	\$7.50
	SV-HB1	Stick hose bard	\$12.50
	SV-FP	Fire-polish chips	\$2.50



Materials			
Product Code		Description	Price
GL COMPONENTS	JGL-14	GL-14 Glass Thread	\$3.75
	JGL-18	GL-18 Glass Thread	\$5.00
	JGL-45	GL-45 Glass Thread	\$8.75
	JGL-45DR	GL-45 Glass Thread w/ Drip Ring	\$10.00
	GA-GL-14B	GL-14 Cap with Hole	\$1.75
	GA-GL-18B	GL-18 Cap with Hole	\$1.75
	GA-GL-45B	GL-45 Cap with Hole	\$2.50
	GA-GL-14S6	GL14 Sealing Ring, Silicone for 5.5 to 6.5 mm tubing	\$1.75
	GA-GL-18S6	GL18 Sealing Ring, Silicone for 5.5 to 6.5 mm tubing	\$2.50
	GA-GL-18V8	GL18 Sealing Ring, KFM for 7.5 to 9.5 mm tubing	\$2.50
	GA-GL-45S25	GL45 Sealing Ring, Silicone for 25mm tubing	\$3.75
	GA-GL-45S32	GL45 Sealing Ring, Silicone for 32mm tubing	\$3.75
	GA-GL14-HBS	Plastic Hose Connection, Straight, GL-14	\$3.75
	GA-GL14-HBB	Plastic Hose Connection, Bent, GL-14	\$3.75
	GA-GL18-HBS	Plastic Hose Connection, Straight, GL-18	\$3.75
	GA-GL18-HBB	Plastic Hose Connection, Bent, GL-18	\$3.75
HOSE	HB-DS9	Glass Hose Connection, 9 mm	\$3.75
	HB-DS11	Glass Hose Connection, 11 mm	\$3.75
	HB-DS13	Glass Hose Connection, 13 mm	\$5.00
JOINTS	JSS-35/20G	Spherical Socket Joint, 35/20 ground	\$10.00
	JSB-35/20G	Spherical Ball Joint, 35/20 ground	\$10.00
	JTC-14/20G	Standard Taper Joint, Inner, 14/20	\$3.75
	JTC-24/40G	Standard Taper Joint, Inner, 24/40	\$5.00
	JTC-24/40DT	Standard Taper Joint, Inner, 24/40 with Drip-tip	\$6.25
	JTC-29/42G	Standard Taper Joint, Inner, 29/42	\$7.50
	JTC-45/50G	Standard Taper Joint, Inner, 45/50	\$10.00
	JTS-14/20G	Standard Taper Joint, Outer, 14/20	\$3.75
	JTS-24/40G	Standard Taper Joint, Outer, 24/40	\$5.00
	JTS-24/40H	Standard Taper Joint, Outer, 24/40, Heavy Wall	\$6.25
	JTS-29/42G	Standard Taper Joint, Outer, 29/42	\$7.50
	JTS-29/42H	Standard Taper Joint, Outer, 29/42, Heavy Wall	\$8.75
	JTS-45/50G	Standard Taper Joint, Outer, 45/50	\$10.00
	JTS-45/50H	Standard Taper Joint, Outer, 45/50, Heavy Wall	\$12.50
	JST-09	Stopper Joint, Outer, #9	\$3.00
	JST-13	Stopper Joint, Outer, #13	\$3.75
	JST-16	Stopper Joint, Outer, #16	\$3.75
	JST-19	Stopper Joint, Outer, #19	\$3.75
	JST-22	Stopper Joint, Outer, #22	\$5.00
	JST-27	Stopper Joint, Outer, #27	\$5.00
	JST-32	Stopper Joint, Outer, #32	\$6.25
	JST-38	Stopper Joint, Outer, #38	\$7.50
VALVES	SSG-2.5-08	Glass Stopcock, 2.5 mm Bore, Glass Plugs, 8mm arms	\$12.50
	SSG-2.5-10	Glass Stopcock, 2.5 mm Bore, Glass Plugs, 10mm arms	\$12.50
	SSG-4-10	Glass Stopcock, 4 mm Bore, Glass Plugs, 10mm arms	\$13.75
	SSG-6-12	Glass Stopcock, 6 mm Bore, Glass Plugs, 12mm arms	\$17.50
	SSP-2-0810	Glass Stopcock, 2 mm Bore, PTFE Plug, arms 8 & 10 mm	\$12.50
	SSP-4-1016	Glass Stopcock, 4 mm Bore, PTFE Plug, arms 10 & 16 mm	\$13.75
	SSP-6-1022	Glass Stopcock, 6 mm Bore, PTFE Plug, arms 10 & 22 mm	\$17.50
	STP-2-08	Glass Stopcock, 2 mm T-bore, PTFE Plug, arms 8 mm	\$20.00
	STP-4-10	Glass Stopcock, 4 mm T-bore, PTFE Plug, arms 10 mm	\$20.00
	SNV-04V	Valve, Hi-Vac, PTFE Plug with Viton O-ring, 0-4 mm	\$56.00
	SNV-04	Valve, Hi-Vac, PTFE plug, encapsulated O-rings, 0-4 mm	\$58.00
	SNV-08	Valve, Hi-Vac, PTFE Plug w/encapsulated O-rings, 0-8 mm	\$90.00



# • Packing and Shipping

# • Glassware for Repair

## Instructions to help you safely pack and ship your glassware to us for repair

### Cleaning

Proper cleaning ensures safety and helps our team work more effectively. Follow these steps:

- **Through Cleaning:** Remove all residues, stickers, tape, and adhesives (except brand decals).

- **Suggested Cleaning Method:**

Note: Please always check with lab supervisor for your lab's recommended cleaning procedure.

- Place the glassware in a boiling weak solution of sodium carbonate.
- **Why Remove Silicone Grease?**
  - Decomposition & Residues – Breaks down into silica, carbon deposits, and VOCs, leaving stubborn residues that may affect experiments.
  - Carbonization & Contamination – Organic components char, forming hard-to-clean carbon buildup that interferes with lab work.
  - Toxic Fumes – Some additives release harmful vapors, posing safety risks in poor ventilation.
  - Glass Interaction – May cause etching, weakening, or discoloration, impacting durability.
- **Storage:** For your convenience, we provide complimentary totes for the safe storage of broken glass—available only to local customers within 60 miles and on approved accounts. These totes help securely hold your items until you're ready to ship them for repairs. Call today to see if you qualify! Your safety and convenience are our top priorities.

### Packing

Prevent breakage during transit by packing glassware securely:

- Choose a sturdy cardboard box large enough to allow for protective padding.
- Wrap each glass item individually with bubble wrap or similar materials, preventing any glass to glass contact.
- Fill empty spaces in the box with packing peanuts or crumpled paper to prevent movement.
- Ensure all items are snug but not under pressure.
- Seal the box securely with strong packing tape

### Shipping

Follow these steps to ensure a smooth shipping process:

- Use a trackable shipping method to monitor delivery.
- Include a packing slip with:
  - Your name, address, phone number, and email.
  - A brief description of the damage or repair request.
- Label the box with **"FRAGILE"** and ensure the shipping company handles it appropriately.



Let us know if you have any specific constraints or additional requirements.

We cannot accept responsibility for further damage to or destruction of any glassware returned for repair. There is a chance that glass repair will not be successful. There are many factors that can lead to a failed repair.

We hope these guidelines help you safely pack and ship your glassware to us for repair.

If you have any questions, please don't hesitate to contact us.

