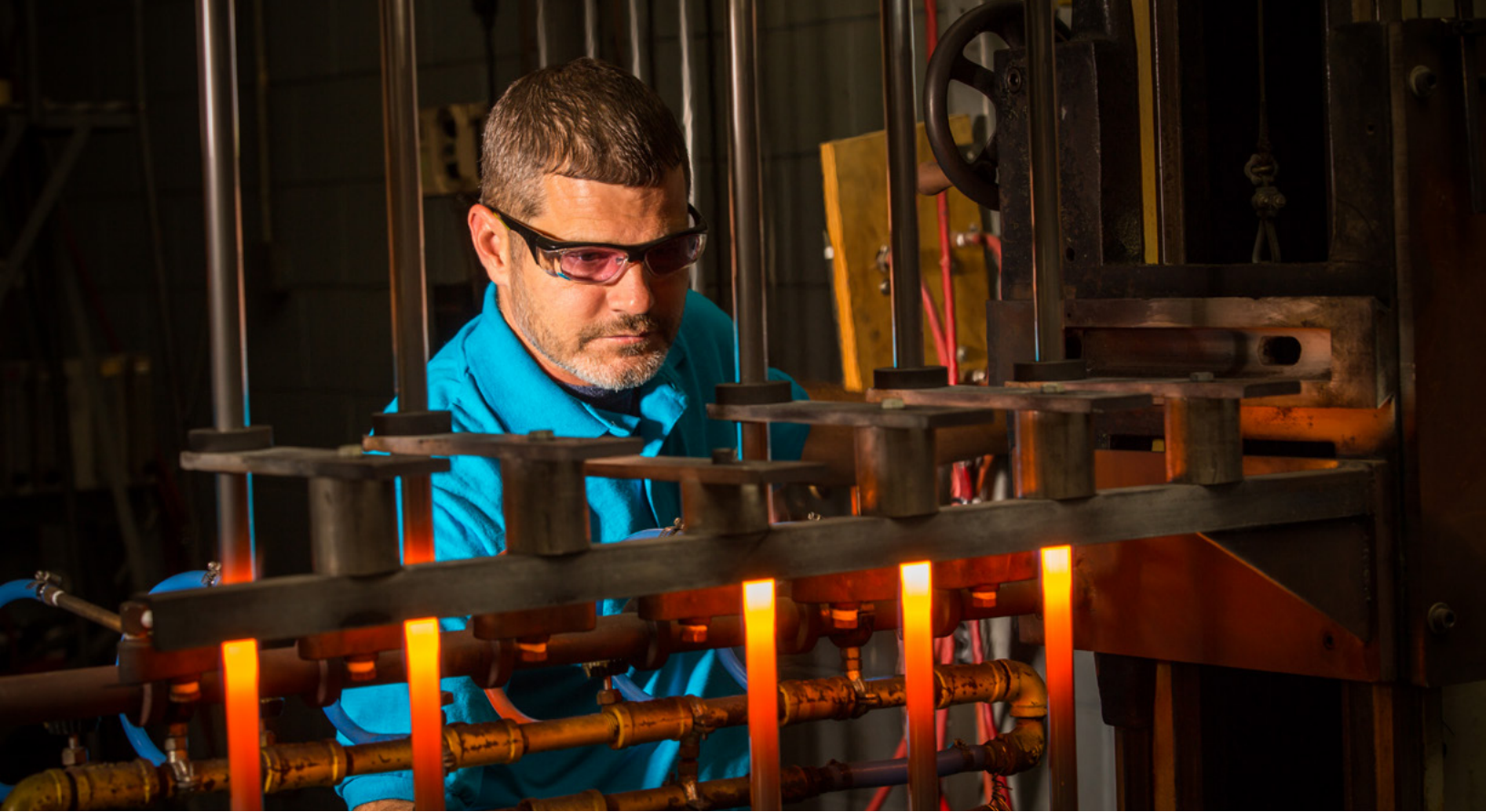


5

**QUESTIONS TO ASK WHEN  
CHOOSING A CUSTOM  
GLASS MANUFACTURER**



Due to the inherent complexity of glass fabrication, many professionals seeking glass services know exactly what kind of part is needed, but are unclear on the intricacies of the actual manufacturing process. Therefore, having a basic understanding of glass fabrication is crucial to ensuring you receive reliable, high-quality parts at a fair price.

The guide below is intended to help professionals navigate the manufacturing process and select a trustworthy fabrication partner who will be able to meet all of your exact application needs.

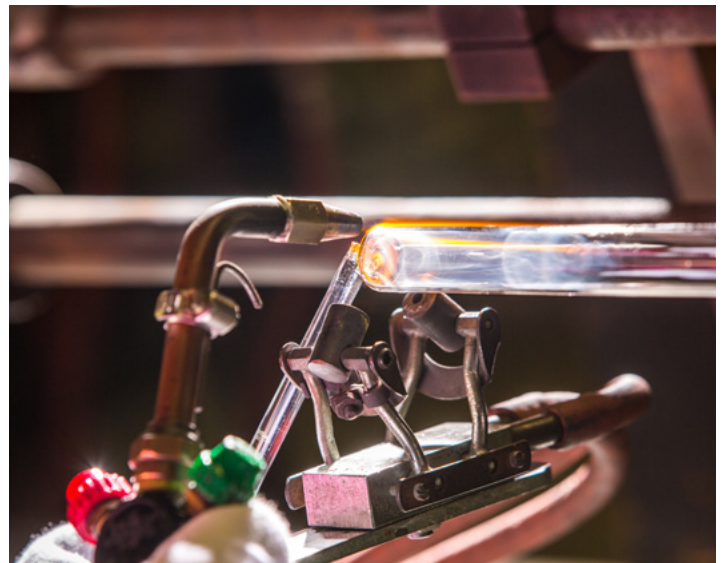




# WHAT TO ASK WHEN CHOOSING A CUSTOM GLASS MANUFACTURER

## 1 WHAT IS YOUR PRODUCTION VOLUME?

This will vary based on the fabricator's specific capabilities. At PEG, for example, minimum orders are \$750. We can create prototypes for production quantities but tend not to handle one- or two-piece orders unless they are repetitive or highly intricate. With the work involved in designing custom parts, smaller orders are often cost prohibitive for our operation.



## 2 HOW QUICKLY CAN MY PROJECT BE COMPLETED?

Depending on demand at the time the order is placed, PEG offers six- to eight-week lead times lead times from the Monday after the order is placed, which occurs right after R&D is completed. Lead times may be extended if the project requires extensive R&D.

## 3 WHAT CERTIFICATIONS DOES YOUR COMPANY HAVE?

Be sure to check the company's website and request any supporting documents, certifications, and other proof of compliance. PEG is REACH and RoHS compliant, as well as ISO 9001 certified. Being [ISO 9001](#) certified means we maintain a quality management system comprised of a set of policies, processes, and procedures we use to plan and execute in our core business areas—quality, production, purchasing, and sales.







## 4 WHAT DOES YOUR ORDER PROCESS LOOK LIKE?

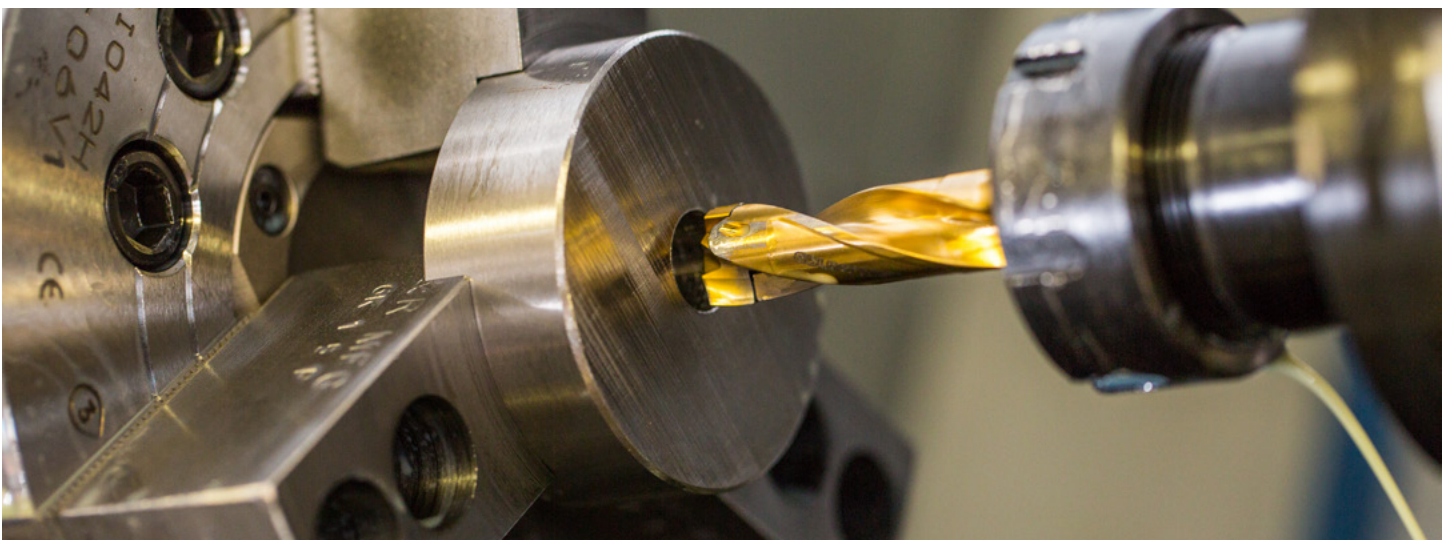
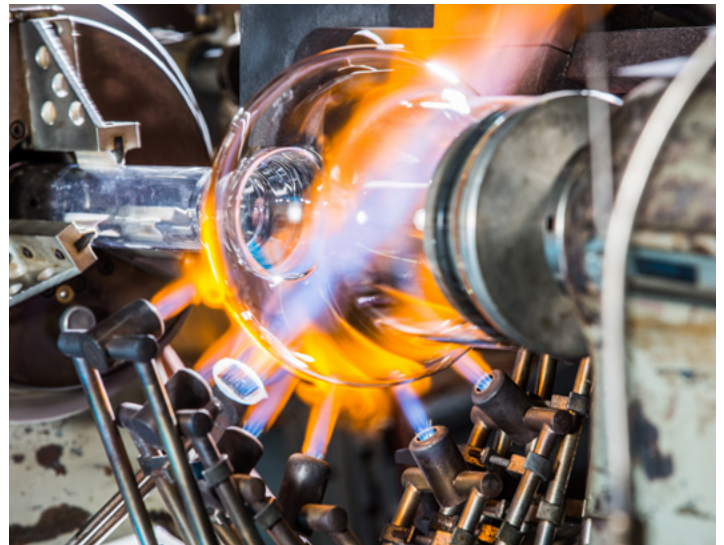
Here's an example of a typical order process at PEG:

1. Our sales team speaks with the client to gain a full understanding of their specific needs and **verifies** the parts drawing.
2. The sales team passes all of this information along to our Engineering, Quality, and Production departments so they can determine how our capabilities **align** with the client's requirements.
3. A member of the sales department may reach out to the client for more details or **recommend** variations of the design that will address production, material, and cost constraints.
4. Once an order is made, PEG's engineering team begins product **R&D** and creates a master design, as well as prototypes.
5. **Prototypes** are sent to the client along with a first article report for approval.
6. If the prototype requires alterations, the PEG team will collaborate with the client until a final design is **approved** and the client is completely satisfied.
7. Once prototypes are agreed upon, PEG will begin **production**.

## 5 HOW CAN YOU HELP ME REDUCE MY PROJECT COSTS?

Of course, tight tolerances and intricate shapes will result in higher prices—no matter whom you partner with. However, if you are working on a tight budget or strict deadline, our team may suggest utilizing less expensive glass, opening up tolerances in noncritical areas, and may even offer a new manufacturing technique which, in aggregate, may allow for significant savings.

Clients can also see cost savings when ordering large quantities or multiple parts.







# PRECISION ELECTRONIC GLASS' CAPABILITIES

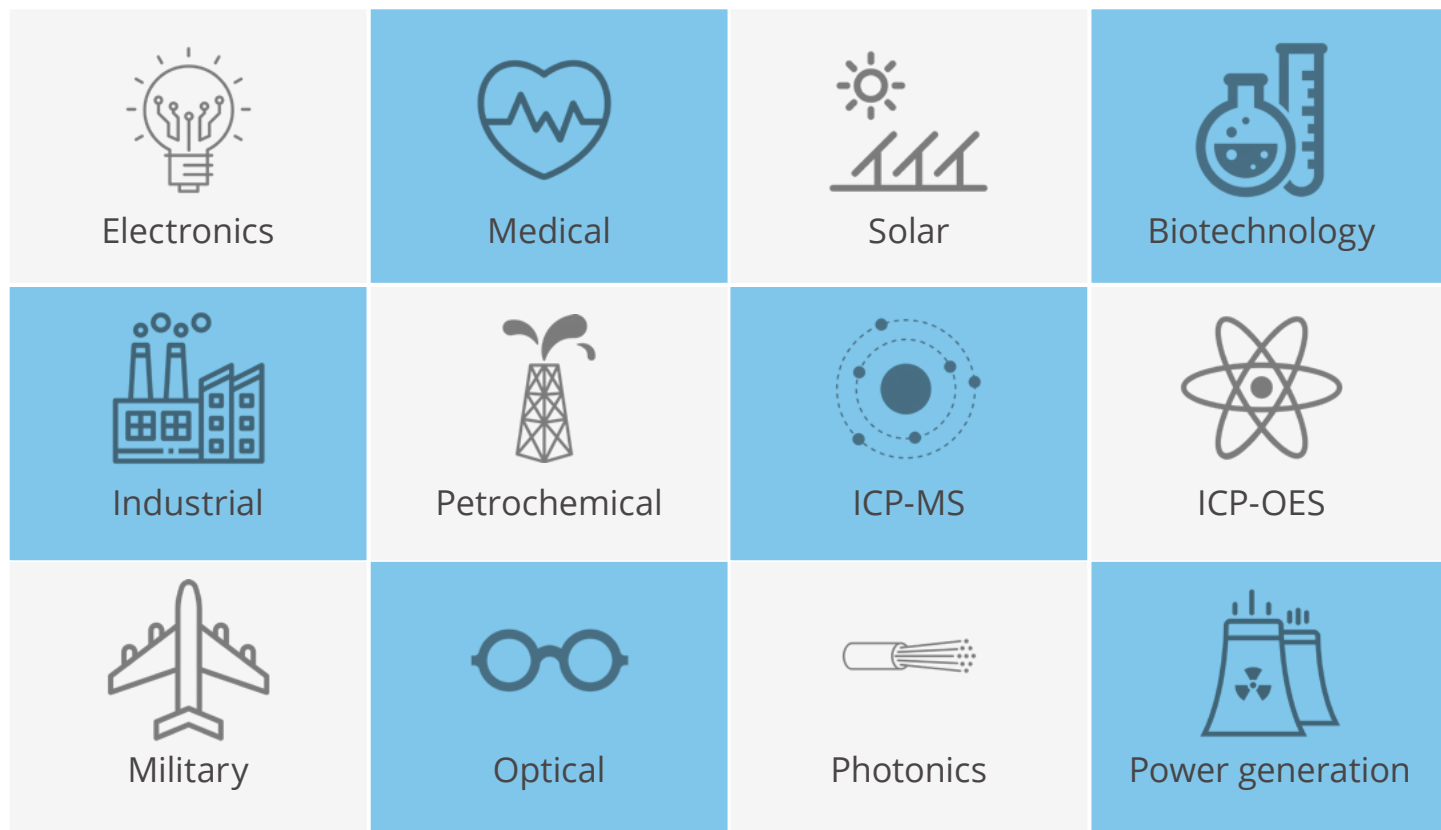
PEG has developed skills that give us the ability to produce some of the best precision glass and quartz components on the market. With our in-house engineering team, automated equipment, and a skilled workforce, PEG performs sophisticated operations to turn your designs into custom fabricated products.

In addition, PEG has been called upon to produce glass components for use in fiber optics, lasers, atomic and subatomic particles, communications, and semiconductors industries. We've proudly contributed to various advances in chemical, pharmaceutical, electronic, and physics research.

In short, PEG's key services include:

Precision Bore Tubing (Shrinking)	Finishing
Grinding and Polishing	Prototyping
CNC Machining	Laser Engraving
Quality Control	Decorating
Glass and Quartz Fabrication	

PEG's fabricated glass parts are used across a huge range of industries, including:



To learn more about our glass fabricating capabilities and discuss options for your unique needs, [request a quote](#) from the team today.







PEG's mission is to provide customized glass and quartz products and related products and services to OEMs and distributors around the world in countries where our customers operate.

Our objective is to fabricate the finest precision glass and quartz components and assemblies to customers' specifications. Working together with customers, PEG manufactures prototypes; handles small to large production runs; performs value added assembly; and provides clean room processing when specifications dictate the need for it.

Utilizing standard or computer-controlled glass lathe fabrication; glass-to-glass and glass-to-metal graded seals; cutting and end finishing; and precision grinding/polishing, PEG produces a variety of components and value added assemblies, including medical, dental, or industrial glass X-ray tubes, and CO<sub>2</sub> or HeNe lasers. All glass and quartz fabrications are produced in facilities certified to ISO 9001 standards of quality.



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