Swift Glass Company is a privately owned worldwide leader in manufacturing of quality fabricated glass parts. Our reputation is built on a company-wide commitment to excellence and providing solutions for original equipment manufacturers. We provide:

- Excellence in material selection, from borosilicate to titanium and everything in-between.
- Excellence in craftsmanship, engineering design and custom solutions.
- Excellence in service and support and a devotion to precision and quality control.
- Excellence in understanding the intricacies of your project far beyond the basic specifications.

Since 1937, we have applied our experience and knowledge, combined with state-of-the-art technology and processes, to provide total solutions delivery to our customers’ manufacturing challenges. No job is too large, too complex, or too small. To help you meet your design specs, we provide complete engineering capabilities for all types of industrial glass fabrication, including CNC machining, cutting, including ultrahigh-pressure cold cutting waterjet technology for cutting hard-to-machine materials such as titanium, nickel alloy, steel, composites, quartz and glass, bending, strengthening, decorating and silk screening, drilling, grinding, polishing and tempering both float glass and PYREX® brand glass, VYCOR®, BOROFLOAT® and polished plate. We also stock a wide range of materials, which allows us to respond quickly to your needs.

We have provided product solutions for Biomedical, Appliance, Industrial and Commercial, Optical, and Aerospace applications. If you’re interested in a process other than those highlighted in this brochure, please contact us and we’ll be glad to assist you. You can also visit our web site for more information.

**Providing Quality at Every Level**

At Swift Glass, quality has been our byword since our start in 1937. We don’t just try to meet your specifications—we do it! From prototypes and specialty quantities to large volume production, every order passes through several extensive levels of quality control, from first-piece inspection, to random sampling, to final checks just before shipment. There are no second chances when it comes to quality, which is why we deliver the first time. The equipment available for quality checking your product includes:

Dark Room, Interferometer, Optical Comparator, Optical Flats, Spectrophotometer
SwiftGlass specializes in providing short lead times for high volume manufacturing requiring medium tolerances and multiple diameter variances. Capabilities include:

- Double sided lapping and polishing
- Sapphire and germanium polishing
- Large inventory of optical materials
- Flatness to 1/4 wave
- Scratch dig to 20 - 10
- Machinery center for close dimensions
- 1/4” diameter to 36” square
- Surface coating availability
- Optical edge polishing
- Color filters

Materials

- 1737
- Anti-Reflective Glass
- Borofloat®
- Ceramic
- Crown B-270
- Diamant
- Eagle 2000
- Flashed Opal
- Fused Quartz
- Fused Silica
- Optiwhte
- Pyrex®
- Sapphire
- Schott, Kopp, Hoya Color Filters
- Soda Lime Float
- Starphire
- Tubing & Rod
- ULE®
- Vycor®
- X-Ray Shielding Lead Glass

Manufacturing Capabilities

- Blanchard Grinding
- Blocking: Pitch & Wax Coating
- CNC Machining
- Chemical Strengthening
- Cylindrical Polishing
- Double-sided Lapping
- Double-sided Polishing
- Laminating
- Large Plate Lapping
- Large Plate Polishing
- Metallizing
- Single-sided Lapping
- Single-sided Polishing
- Slicing
- Waterjetting

Specifications

- Diameter: .100” - 28”
- Rectangle Sizes: .042” - 36”
- Thickness: .007” - 3.5”

Tolerances

- Diameter: within .001”
- Flatness: 1/4 wave
- Surface Finish: 20/10 - 60/40
- Parallelism: .0001” - .0005”