



Custom Glass Fabrication

Abrisa Technologies provides custom flat glass components from small singulated wafer components to large multi meter sized protective glass solutions for display, instrument and sensor array panels. Fabrication can be as simple as water jet cutting or as sophisticated as CNC machined and shaped parts with precision registered features suitable for airtight seals, precision controls mounting, and much more. Fabrication services are available on any of our 0.1mm to several inch thick glass, ceramic and specialty technology glass solutions.

Cutting

- Waterjet
- Scribe Cutting
- Hand Cutting
- Precision XY Sawing (Slicer)
- Wafer Dicing
- Ultra-Thin Glass Cutting

Machining

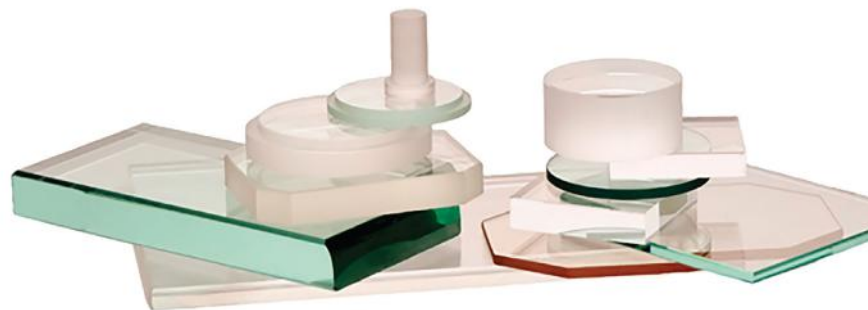
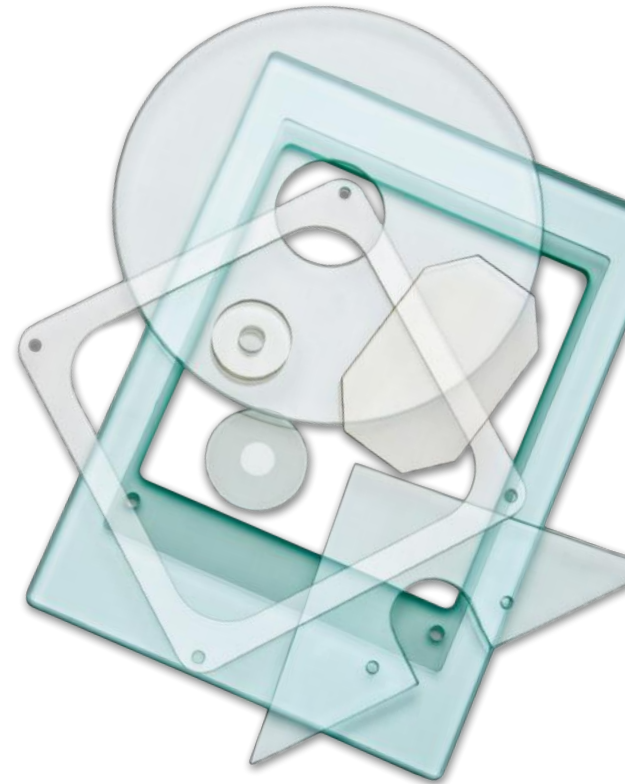
- CNC Processing
- Shaping & Circle Grinding
- Notching & Slotting
- Grooving
- Step Surfacing & Countersinking
- Drilling (Holes & Tapers)

Edge Finishing

- Angled & Multi-Level Bevels
- Seaming
- Corner Dubbing
- Radiused Corners
- Circle & Flat Grinding
- Pencil & Polished Edging

Special Options

- Laser Marking
- Sandblast (Patterns & Logos)
- Clean Room (Special Packaging)
- Protective Films
- Automated, Ultrasonic Washing





Glass Fabrication



Coating Deposition



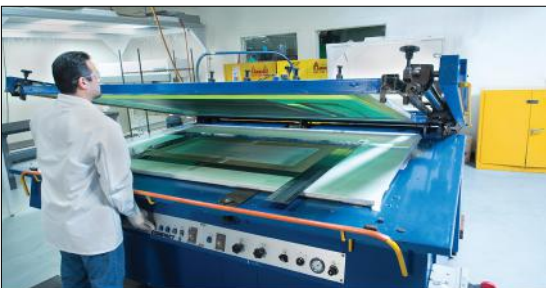
CNC Machining



Strengthening - Chemical & Heat



Screen Printing of Graphics



Abrisa Technologies is a globally recognized company that combines expertise in both fabricated technology glass and optical thin film coatings with volume manufacturing and engineering capabilities to deliver Total Solutions with excellent performance, fitness-for-use, and economies of scale.

Abrisa Technologies is comprised of two USA based facilities, Abrisa Industrial Glass, a fabrication facility in Santa Paula, CA and ZC&R Coatings for Optics' facility in Torrance, CA, which produce solutions from simple fabricated and strengthened glass components, to more sophisticated ready-to-install optically coated, electronically enabled, and branded sub-assemblies.

Our facilities serve a variety of industries and markets as: Micro-electronics, Defense and Avionics, Display, Industrial Automation, Optical Sensors and Imaging, Photonics, Medical/Dental, Life Science Analytics, and more.



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