

# NEWS

## **ABRISA Technologies**

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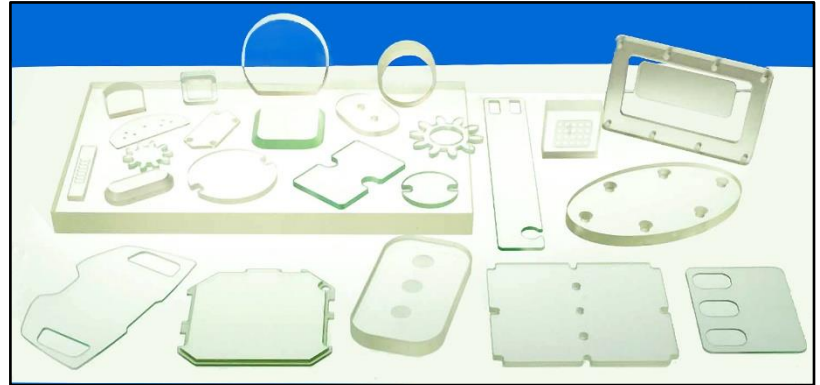


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## **Abrisa Technologies Offers Samples & Prototyping of Fabricated & Optically Coated Glass for Testing & Evaluation**

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Abrisa Technologies is a customer centric company dedicated to providing a Total Solutions approach for custom fabricated glass and thin film optical coatings. The two business units Abrisa Industrial Glass (AIG) and ZC&R Coatings for Optics (ZC&R) provide a unique suite of vertically integrated products and services to meet each customer's application specific requirements.



Abrisa Technologies helps customers quickly ramp to meet time-to-market demand by collaborating with them from concept through production including the expeditious supply of samples and prototypes that may be required. The company's knowledge of glass substrates and expertise in glass properties including thermal, optical, chemical, electrical, and mechanical as well as its optical coating design and expertise in volume PVD coating services makes Abrisa Technologies uniquely qualified to supply high quality coated and uncoated glass solutions with optimum performance, best suited to the application while meeting technical, volume production, and budgetary requirements.

Susan Hirst, General Manager for AIG comments, "We have the largest US based inventory of standard and technology flat glass materials for immediate release and shipment in sample sizes for readily supporting testing and evaluation activities as well as quick ramp to volume. Additionally, our team can supply cut-to-size and shape of more specialized glass and select coated glass materials with a 1-week turnaround, as well as machined to size programs in place with expedited sampling. Susan further states, "Abrisa Technologies can perform First Article Inspection (FAI) to verify that the prototype parts conform to the manufacturing specifications detailed in customer supplied technical and engineering drawings from a simple balloon drawing, DXF, DWG, STEP, AI, 3D Model, PDF, AS9100, or PPAP file format."

Lisa M. Tsufura, Product Manager for ZC&R states, "ZC&R offers its extensive coating design expertise, application knowledge, engineering, and program management services to support our customers' needs for fast turn design, prototyping, and ramp to production. We specialize in designs for hard to achieve coatings with concurrent performance parameters as: optical, conductive, thickness, chemical, protective or compatibility, and tough environment use." Lisa further adds, "Our customers appreciate that ZC&R employs the use of the intended production processes and coating chambers even at early-stage development as it means that prototypes can truly be trusted as good indicators of the production outcome to be expected. ZC&R also offers Copy Exact for medical, semiconductor, avionics, and other markets when process block, verification and special agency certification is critical."

The Abrisa Technologies team can assist customers with solution engineering and design, certification, and testing, as well as inventory management services and program management of complex designs or programs. When partnering with our customers, the goal is to supply samples and prototypes that allow us to customize optical components that will not only meet application specific criteria but be best in fitness-for-use and volume manufacturability.

[Abrisa Technologies](#), a member of HEF Photonics, is a globally recognized technology glass fabrication and optical thin film coating company with expertise in high volume manufacturing and engineering capabilities, delivering Total Solutions that provide excellent performance, fitness-for-use, and economies of scale.

Our US based, state-of-the-art ISO 9001:2015 and ITAR registered facilities include Abrisa Industrial Glass in Santa Paula, CA, and ZC&R Coatings for Optics in Torrance, CA. These two divisions produce solutions from cut-to-order coated glass components to custom complex and ready-to-install fabricated, strengthened, optically coated, electronically enabled, and branded sub-assemblies.

Our Total Solutions serve a variety of markets including Micro-Electronics, Defense and Avionics, Display, Industrial Automation, Optical Sensors, Imaging, Photonics, Medical & Dental, Life Science, and more.

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