

ABRISA Technologies

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Abrisa Technologies has the Most Extensive US Inventory of Technical Glass Ready for Quick Turn Fabrication & Coating

April 25, 2023 – Santa Paula, CA – Abrisa Industrial Glass (AIG), a division of Abrisa Technologies, carries the most extensive US based inventory of technical glass, enabling the company to provide the quick turn response and selection of materials needed to support increased demand for onshoring, US based manufacturing, and reduced logistical costs, while also providing headache free management of volatile global glass supply chains.

According to Susan Hirst, General Manager for AIG, "We realize that US government contract requirements, and world politics have made sourcing technology glass a challenge for some of our customers and the market as a whole. That's why AIG has proactively built our US based inventories to accommodate quick-turn glass fabrication, HIE™ chemical strengthening, and the optical coating requirements of our customers. Having a US based partner such as AIG not only reduces lead times but provides an accountable domestic partner who delivers consistent quality products, while offering convenient access to knowledgeable and responsive personnel." Susan further states, "We are proud to be the largest US distributor for SCHOTT Borofloat® 33, with an extensive inventory of this economical, high quality optically clear glass that has outstanding thermal resistance, making it ideal for a broad array of applications and challenging use environments."

Abrisa Technologies manages a vast network of Tier 1 glass manufacturing partners (some for over 40 years), in order to provide the market with over 120 different technology glass options in over 550 unique formats. New glass materials and coated glass solutions are added to the offering selection continuously to meet the application-specific needs of the market.

Expansive Glass & Cut-to-Order Inventory - Ready for Fabrication (Cutting, Machining, Edging & More) Includes:

- Soda Lime & Low Iron Soda Lime, Patterned Glass
- Borosilicate Glasses
- Aluminosilicate Glasses
- Anti-Reflective (AR) & Non-Glare (NG) Glass
- Color Filters & Tinted Glass
- Mirrors, Beam Splitters, Dichroics, Transparent Conductives, UV Blockers, UV/IR, Low-E
- HIE™ Damage Resistant & Ultra-Thin Glass

Abrisa Technologies gives customers access to the expertise and volume manufacturing experience of both technology glass and optical thin film coatings with the convenience of single-point accountability, supply chain simplicity, economies of scale, and additional value-added services. The synergistic capabilities of both Abrisa Industrial Glass and sister company ZC&R Coatings for Optics, enables Abrisa Technologies to deliver innovative ready-to-install photonic solutions.

- Strengthening (Heat Tempering & Chemical HIE™ Strengthening)
- Thin Film Optical Coatings for UV to the IR
 - o Anti-Reflective, Semi/Full Reflective, Filter, Transparent Conductive, Specialty
- Screen Printing (Color Matched, Epoxy, Frit, Polyester, Conductive, Full Flood, Edge Printed, Dead Front)
- Laser Marking, Oleo/Hydrophobics, Optical & Safety Films, Mounting Gaskets, Bus Bars, Wire Bonding

From concept through production, Abrisa Technologies delivers standard and custom designed fabricated glass and optically coated optics from their extensive Inventory or via special order for the best fitness-for-use performance.

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<u>Abrisa Technologies</u>, 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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