

Vehicular Information Display & Interface Applications

Displays • Gauges • Sensors • Scanners

Glass Fabrication



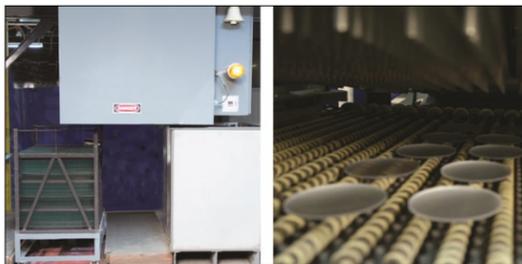
Coating Deposition



CNC Machining



Strengthening - Chemical & Heat



Screen Printing of Graphics



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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Your Total Solution Partner

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Abrisa Technologies offers hard-to-find expertise in volume manufacturing for both fabricated glass and optical coatings to support your Infotainment and HUD Augmented Reality Displays and Enhanced Vision System needs. Our engineers are ready to provide you with Total Solutions made from our vast on-hand inventory of "technology" and float glass, complete with custom features and edge fabrication, strengthening, graphics, coating and oleophobic to best meet your performance, budget and volume needs.



Infotainment Displays, Gauges

- Sunlight Readable AR/NG Glass
- Anti (Fog, Smudge, Scratch, Damage)
- Graphics - Dead Front, IR, PMS Match

Touch Input & HMI Devices

- Thin, Bendable "Technology" Glass
- Optical Coatings, Anti-Smudge
- Damage & Scratch Resistance

Autonomous Driver LIDAR Scanner/Sensors

- Optical Components 904nm/1550nm
- Opaque/Aesthetic Films & Coatings
- HIE™ Aluminosilicate "Technology" Glass
- Micro & Macro Size Formats

Heads-Up Displays

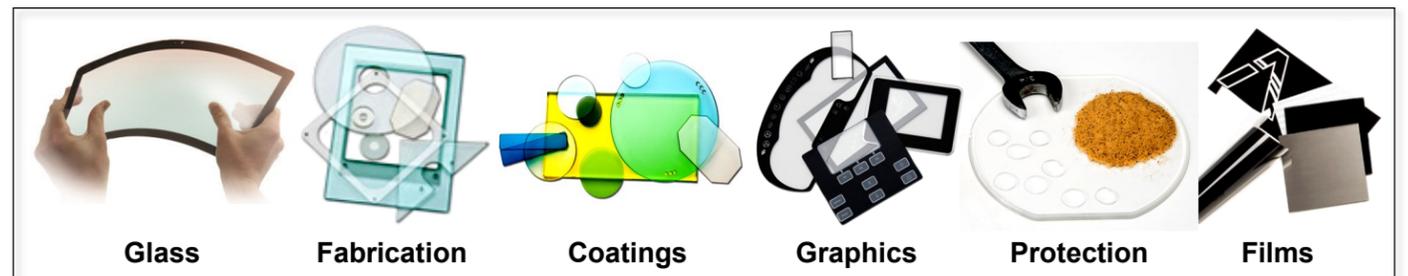
- Wide Angle Scan Mirrors, Windows
- Cut-to-Order & Custom
- Dichroics, Beam Splitters, Filters, Cold Mirrors

Driver Assist Optical Sensors

- Wide Angle Low Loss Sensor Windows
- Coated Glass & Silicon Wafers
- Glass Wafer Generation & Dicing

Technology Glass & More

- AGC Dragontrail™, Corning® Gorilla® Glass, SCHOTT Xensation™
- SCHOTT AS 87, SCHOTT Borofloat®33, Corning® Eagle® XG, AGC EN-A1
- Standard, Low Iron, & Non-Glare + AR Soda Lime Float Glass



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