

Anti-Glare (AG) Etched Soda-Lime Glass

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.



Abrisa Industrial Glass
200 South Hallock Drive
Santa Paula, CA 93060

ZC&R Coatings for Optics
1401 Abalone Avenue
Torrance, CA 90501

(877) 622-7472

www.abrisatechnologies.com
info@abrisatechnologies.com

AG EG SL 10/_22



Your Total Solution Partner

Anti-Glare (AG) Etched Soda-Lime Glass

Anti-glare (AG) glass breaks up incident light reflected images, allowing the user to focus on the display image versus the reflected images. Unlike anti-reflective (AR) coated or untreated surfaces, anti-glare etched glass does not become highly reflective as a result of oily fingerprints.

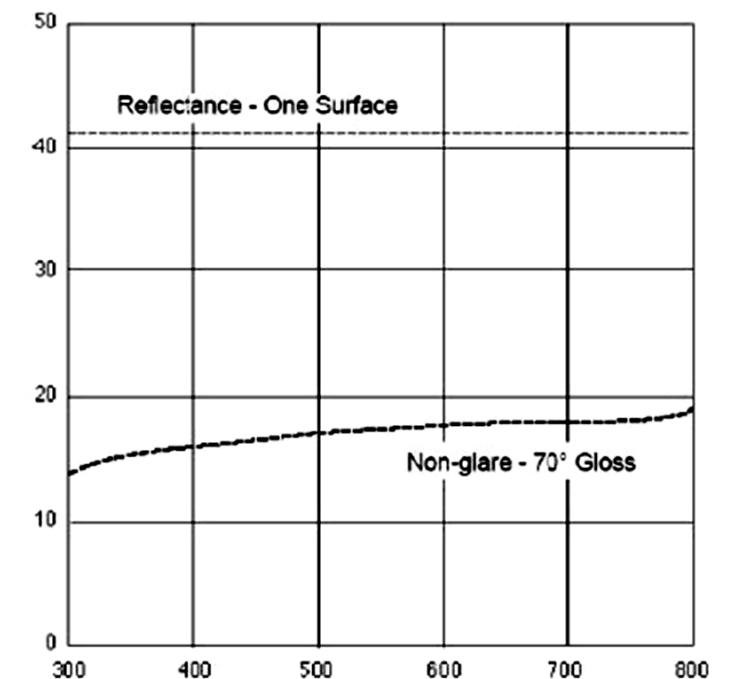
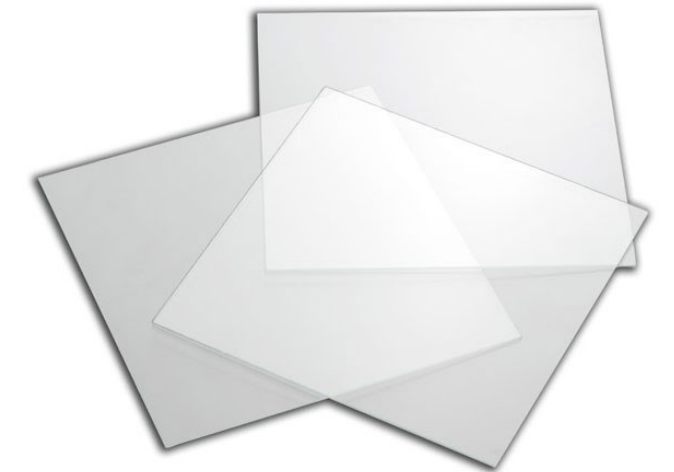
Abrisa Technologies anti-glare glass is manufactured by a controlled acid etch process yielding uniform diffused surfaces for anti-glare, high resolution, anti-Newton ring applications.

Anti-glare glass can be laminated, tempered or chemically strengthened. Sizes, thicknesses and gloss levels as listed are typically in stock and can be readily shaped to your specifications. Custom thickness, sizes and gloss ranges from 50° to 120° are available upon request.

Varying levels of diffusion specified as gloss yield different levels of reduced glare. A lower gloss reading denotes a more diffuse panel. The more diffuse the panel surface, the more glare reduction it provides. However, an inverse relationship exists between the degree of diffusion and the panel's resolution.

Features:

- Glare Reduction
- High Resolution
- Superior Durability
- Anti-Newton Ring
- Gloss - 60 to 130 (US Gloss, measured at 60° by BYK Gardner Gloss Meter Model 4501)
- Thickness: 0.7mm - 4.74 mm
- Sheet Size: Up to 62" x 39" (1574.8 x 990.6")



Typical Applications:

- Monitor Face Plates (Cover Glass)
- Electronic Displays & Touch Panels
- Medical Instruments
- Video Game Screens
- LED Displays
- Outdoor Electronic Monitors & Systems

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