

Anti-Glare (AG) Etched Soda-Lime Glass

Glass Fabrication



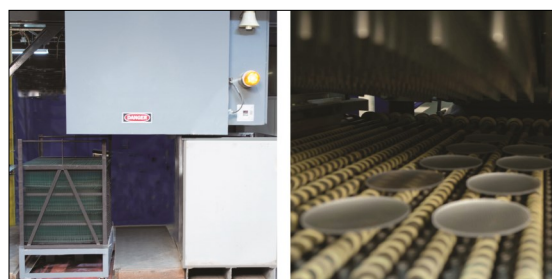
Coating Deposition



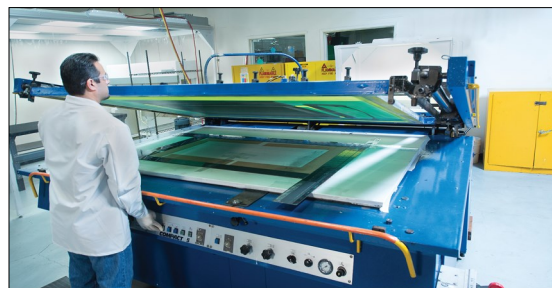
CNC Machining



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

LowE 10/22



Your Total Solution Partner

Low Emissivity (Low-E) Glass

Low Emissivity (Low-E) glass provides excellent performance in situations where temperature separation is desired. Low-E is used to help meet energy efficiency requirements by blocking UV light and providing heat insulation. This is done with a special thin-film metallic or oxide coating which prevents the passage of short-wave solar energy and also prevents long-wave energy produced by heating systems and lighting from escaping.

Features:

- Higher Window U-Value
- Increased Insulation Performance
- Energy Savings
- Decreases Color Fade on Interior Furniture by Blocking UV Light

Applications:

- Architecture
- Grocery Store Refrigerator Doors
- Deli Food Windows

Dimensions:

- Thicknesses: 3.2mm, 5.0mm
- Sizes:
 - Up to 96" x 60" (2438.4 x 1524mm)
 - Up to 130" x 72" (3302 x 1828.8mm)

Physical Properties:

Visible Light	76%
Solar Heat Gain	0.71
Laminated Safety	1.07
U-Factor	Btu/hr/ft ² /°F
Air	0.35
Argon	0.31
Indoor Glass Temp	
• Winter	52°F
	99°F
UV Transmission	49%

Contact us for edge treatments for thicker substrates in smaller sizes.