

# Protected Silver Mirror

## Glass Fabrication



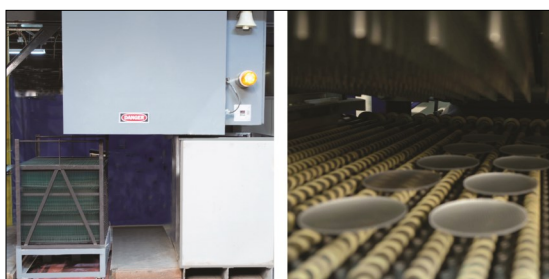
## Coating Deposition



## 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

# Protected Silver Mirror

Protected silver mirrors are vacuum deposited silver with dielectric over-coatings for mechanical and environmental protection. The reflectance is superior to aluminum and less sensitive to changes in incident angle, polarization, and wavelength than all dielectric mirrors.

## Features:

- High Visible Reflection
- High Infrared (IR) Reflection
- Less Sensitive to Angle, Polarization and Wavelength

## Specifications:

- Substrate: Crown Glass
- Thickness: 0.040" and 0.120"
- Size: Up to 12" x 12"
- Reflection: >6% Ave. Visible (VIS) and > 97% Ave Infrared (IR)

