

Grey Glass - Restricts Light Transmission

Glass Fabrication



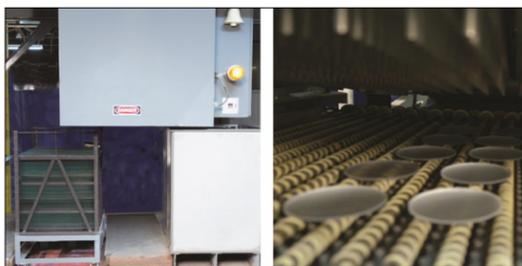
Coating Deposition



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

Grey Glass - Restricts Light Transmission

Grey Glass or smoked glass in lay terms; is a tinted soda lime glass that is primarily used to restrict or reduce light transmission (transfer) as well as for decorative applications. Generally used for windows, grey glass can be used to prevent fading of furnishings, carpeting, clothing, artwork, etc. It is also used to add a level of privacy. Grey glass is suitable for commercial and home use.

Features:

- Increased Privacy due to Darker Tint
- May Provide Cooler Indoor Temperature if used as a Window
- May Reduce Glare
- Has Reduced Opacity

Applications:

- Glass Shelving or Table Tops
- Partitions
- Bathrooms (Showers)
- Doors & Windows
- Storefronts & Exteriors

Grey glass can be specified in various transmission ranges depending upon the amount of visible light desired to be passed or restricted. The lower the transmission value, the darker the tint and the least amount of transmission.

Even though the grey glass may be nearly black in color, it remains transparent. The darkest or grey 8 which allows for only 8% transmission is ideal for privacy applications. Abrisa Technologies stocks grey glass in thicknesses from 3mm to 6mm (1/8" to 15/64") and in sheet sizes up to 96" x 65" (2438.4mm x 1651mm). Contact us for non-standard requirements.



Grey Glass Name	Transmission %	Color Density
Grey 62	62%	Lightest Grey
Grey 57	57%	
Grey 31	31%	
Grey 14	14%	
Grey 9	9%	
Grey 8	8%	Darkest Grey (Nearly Black)