

Patterned Glass for Diffusion & Light Control

Soda-Lime Glass

Abrisa Technologies offers a number of patterned glass products and hexagon louvers for diffusion and light control. These products can be fabricated into virtually any shape, and can be drilled, sandblasted, screen printed, polished, UV coated, dichroic coated, heat tempered (to increase thermal shock resistance and mechanical strength), to meet your application-specific criteria.

Color is for viewing only, glass is not colored as shown.

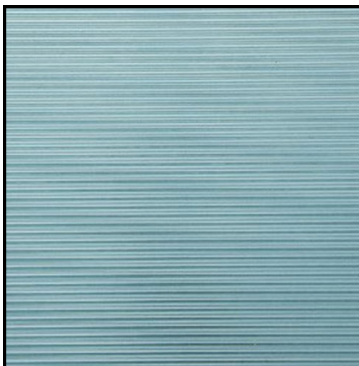


Solite® (Softening)

Maximum Size: 48" x 102" (1219 x 2590mm)

Thickness: 1/8", 3/16" and 5/32" or 4mm and 5mm

- Stipple effect provides obscurity while retaining high transmission values
- Low iron optically clear glass offering maximum transmission and minimal absorption
- Does not yellow over time, retains optical clarity

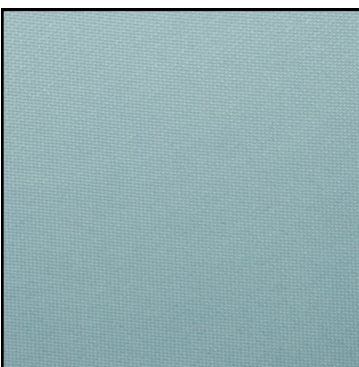


Skytex (Linear)

Maximum Size: 85" x 65" (2159 x 1652mm)

Thickness: 5/32" or 4mm

- Ribbed linear diffusion glass used to spread light horizontally or vertically
- Ideal for diffusing and elongating a beam of light to structures such as columns
- Has a 1/8" wide linear fluted pattern on one surface with a 55 degree spread either horizontally or vertically



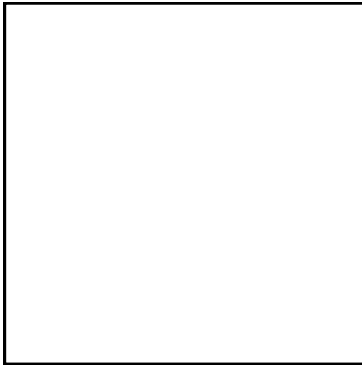
Industrex® (Diffusion)

Maximum Size: 60" x 132" (1524 x 3352.8mm)

Thickness: 3/16" and 5/32" or 4mm and 5mm

- Provides obscurity while retaining a high level of transmission
- Low iron optically clear glass offering maximum transmission & minimal absorption
- Does not yellow over time, retains optical clarity

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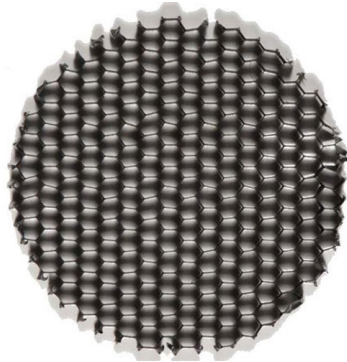


Frosted Glass (Sandblasted)

Maximum Size: 60" x 132" (1524 x 3352.8mm)

Thickness: 3.3mm standard

- Used to soften a beam of light
- Available in soda lime or low iron soda lime, and sandblasted in any shape, size, or thickness



Hexagonal Louver

Maximum Size: 12" x 12" (304.8mm)

Thickness: 1/8" or 3mm

- Used in conjunction with a standard diffusion, colored and dichroic products to reduce glare brightness from a variety of light sources
- Made from low density, high strength material originally used for structural use in the aircraft industry
- Available in aluminum color or black and can withstand temperatures up to 350°F

For other patterns not shown, please consult the factory at (805) 525-4902 for stock and availability.

Patterned Glass for Diffusion & Light Control

Glass Fabrication



Coating Deposition



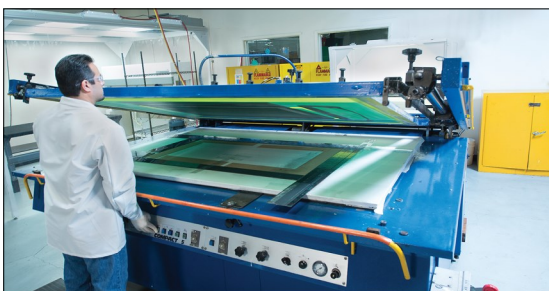
CNC Machining



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