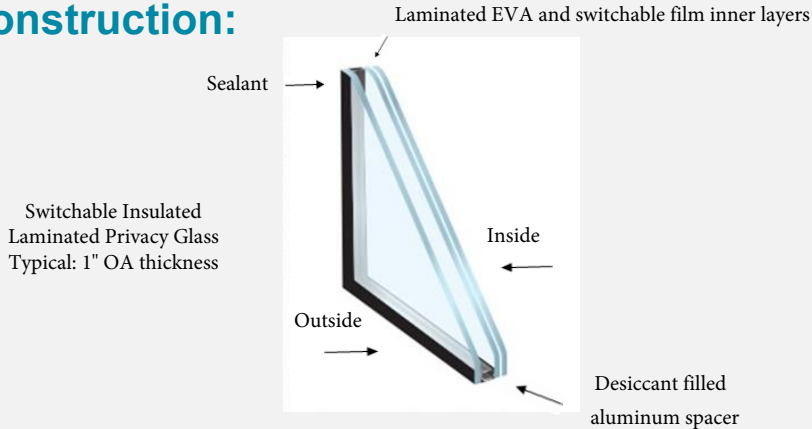


Insulated Switchable Privacy Glass

Construction:

www.dglassp.com



Method of Action:

Electrical current either aligns or randomizes embedded liquid crystals to achieve desired transparency. (Power off = Private)

Function:

Provides switchable privacy for a translucent, milky white, laminated panel to become transparent with the application of an electrical current to an embedded layer of liquid crystal particles.

This product conforms to ANSI Z97.1 for laminated safety glass construction

All power supply components are UL Recognized

Switching Options:

Various switching options are available from a basic single-pole / single throw switch to remote fobs or advanced integration into automation systems.

Dimensions:

Maximum width: 59" (1500mm)
Maximum height: 118" (3000mm)
Custom shapes available

Energy Data:

Input Power: 120VAC / 50-60Hz

Consumption: .47 watts / ft² ; 0 watts in privacy state

Output: 60VAC

Thickness (Glass):

Typical OA thickness: 1"OA
Other OA thicknesses available

Options:

Low E coating on #2 surface; Argon filled air space

Performance Data:

Visible Light Transmittance*: ON 84%; OFF 9%
UV Blocking:> 99% IR Blocking**: ON 13%; OFF 68%
Operation Cycling: >2 million
Life Expectance: 100,000 hours

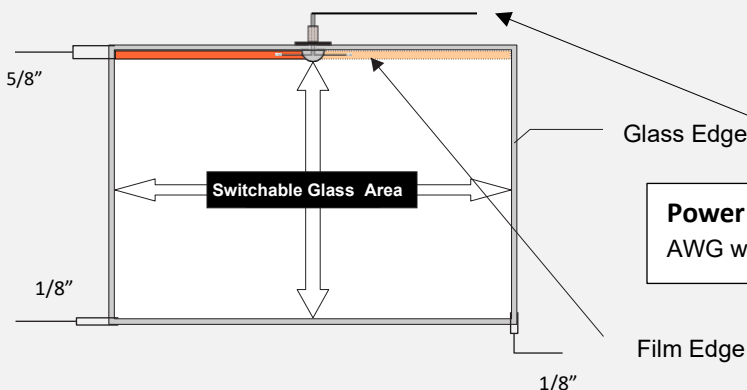
*dependent on type and thickness of substrates and glass used + off-angle viewing can increase visual haze factor

Operating Temperature: - 4°F to 158°F

Switching Time: ~150ms Private to Transparent
~250ms Transparent to Private

Haze: <3%* +

All power supply components are UL Recognized



Power Leads: Leads generally exit top center of glass panel. 22-24 AWG wire is standard.



Enhancing Glass Performance Switchable Privacy Glass, Switchable Privacy Film & Photochromic Window Film

Switchable Privacy Glass

www.dglassp.com



Use remote on/off fobs for easy switching from clear to private mode.

Increase the writeable surface area in the meeting room by using dry erase markers on DGP's Switchable Glass.



DGP's Switchable Glass can be cleaned and disinfected, unlike mechanical blinds or shades.



Protect and respect patient privacy

Keep prying eyes from seeing into your living space.

