



Manufacturers of Professional Audio-Visual Products

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“Electric Glass”

Product Description

The BEI Electric Glass is a high-tech solution for privacy and display installations. At the flip of a switch, the electric glass will amazingly go from a transparent state to a pleasant frosted white translucent state. Ideal for digital signage, conference rooms, home offices, spas, hospitals, entertainment venues, and any situation where privacy is not needed or desired at all times. It also acts as an outstanding projection screen for entertainment and the storefront marketing.



Features & Benefits

- High quality, customized laminations.
- On Mode – Transparent; Off Mode - Translucent
- Designed to provide privacy with a flip of a switch
- Operating Voltage: 110 – 220 VAC
- Response time: Less than one second
- Transmittance: On – approx 75%; Off - 4%
- Haze: On – approx 2%; Off – 80%
- UV Blocking: 98%
- Known for highest optical clarity available and highest level of service


Typical Uses

- Corporate Privacy
- Digital Signage
- Rear Projection

For a Sales Representative in your area, or for more information, be sure to visit us on the web at:

www.beionline.com

Download Information Available:

 Brochure

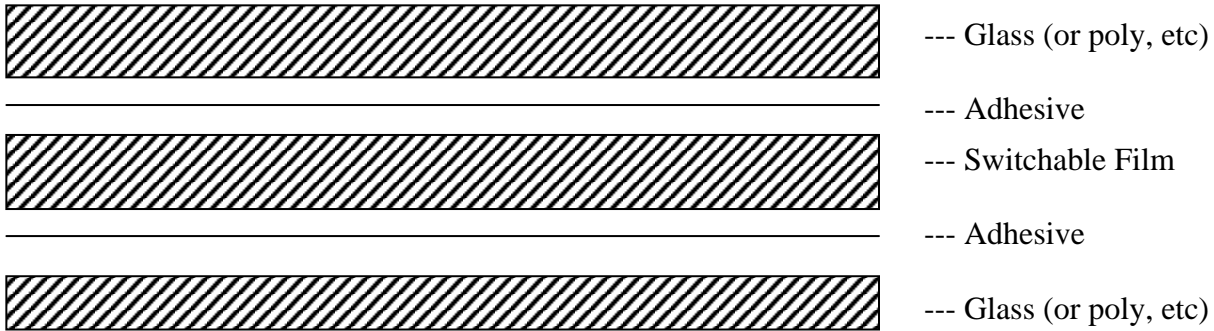
 Sell Sheet

Sizes

The standard film width offering is up to 38 5/8", with a height of 96". However, we regularly produce larger laminates, sometimes with multiple pieces of privacy films within the laminate. In these cases, the electrified switchable inner layer is separated for reliability by a 1/16" gap between the two pieces of film. This area can be either left clear at all times, or covered by a sand blasted finish. Our machinery has the capabilities to produce laminates up to 72" X 118", although weight and cost considerations must be considered.

Materials/Specifications

Every lamination is customized using the high quality materials ideal for each application. Examples of material options include: clear annealed or tempered glasses; Low E, reflective, Low Iron and other high performance glasses; tinting; use of polycarbonates and acrylics; polished edges; various thickness options; holes, notches sandblasting, laser etching, and other fabrication possibilities; insulated glass configurations (IGU's); customized shapes and more. The basic configuration is:



Successful Durability Testing Performed Includes:

- Switching: On/Off 3 million times at 220 VAC
 - Temperature: 70 C for 14 days and - 20 for 14 days
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