

# Switchable Smart Glass

## TECHNICAL DATA OF SWITCHABLE FILM

- Color: Common color-White and Grey, Special color- green, pink, blue, and yellow(the special color is requested with MOQ).
- Type: Self-adhesive switchable film and Non-adhesive switchable film.
- Thickness: 0.38mm
- Size (max): Self-adhesive switchable film max roll size 1.8\*50meter  
Non-adhesive switchable film max roll size 1.5\*50meter
- Manufacture: Bespoke and bulk order in roll size.
- Shape: Any shape.
- Driving voltage: 48-60vac.
- Current: Less than 215mA/m<sup>2</sup>(20mA/ft<sup>2</sup>).
- Power consumption: 5watt/m<sup>2</sup> (0.5watt/ft<sup>2</sup>).
- Switching time: Less than 1 second at room temperature.
- Haze: 7%(On) / 90%(Off).
- Transmittance: 85% on state of powered on, 5% on state of power off.
- Visible angle: 150°.
- Storage temperature: -20°C to 70°C (-4°F to 158°F).
- Operation temperature: -20°C to 60°C (-4°F to 140°F).
- Self-adhesive type usage: To any existing glass/window.
- Non-adhesive type usage: To any existing glass/window using special glue. And Switchable glass manufacture.
- Lifetime: Over 15-20 years ( under the circumstance of proper usage, storage, and installation).

The claim is supported by the manufacturer's testing data.