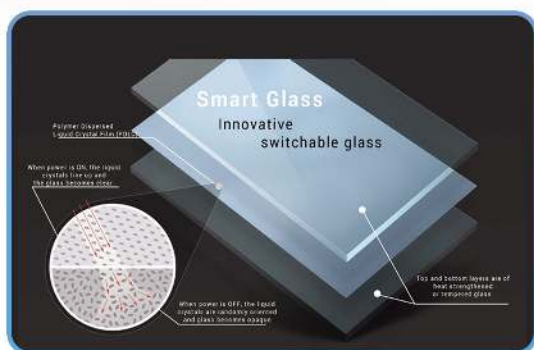




## SMART FILM TECHNICAL SPECIFICATION SHEET

### What Is Smart Film?

Switchable glass technology is an innovative privacy solution that makes glass go from clear to frosted when powered on and off. Smart film is applied to existing glass to transform it into switchable glass. Smart film is the perfect retrofit option.



### How It Works

Smart film contains polymer-dispersed liquid crystals (PDLC) that align with the application of electrical current, making the film appear transparent. In the absence of electrical current these liquid crystals randomly orient and scatter the light, making the film appear to be frosted. This effect is achieved in a fraction of a second, giving you privacy at your fingertips.



Modular design



Energy Efficiency



Smart home integration



Clean simple Installation



Mobile Controlled



Smart alarm

### Physical Characteristics

Peeling Strength	120 g/in
Response time	0.1sec sec
Temperature operation	-4°F ~ 212°F
Storage	-22°F ~ 140°F
Standard width	71 " (1800mm)
Maximum width	78 " (2000mm)
Length	150" (3810mm)

Larger custom sizes available.

### Power

Power	36-60 VAC
Frequency	50/60Hz
Current	0.1 amperes per 10 sqft
Power	5 watts per 10 sqft

### Optical and Sound

	ON	OFF
Light transmittance	95%	67%
Light reflectance	14%	18%
Haze	4%	97%
UV block	99%	99%
IR block	12%	73%



## Ways To Control Smart Film

- ✓ Home automation integration
  - ✓ IR Remote Control
  - ✓ Mobile phone
  - ✓ Switch
  - ✓ Timer
  - ✓ Door locks
- And much more!

CLEAN



PEEL



APPLY



## SMART FILM IS EASY TO INSTALL

Simply follow the installation instructions and clean the glass, peel away the protective liner and apply the film.

## SMART FILM IS COMPLETELY CUSTOMIZABLE

Every order is custom cut to your exact specifications. Smart film can be applied to any type of glass, whether it is irregularly shaped or curved.



### INSTALLATION

Smart film is easy to install as long as you follow the instructions. It can be installed by professional window film installers or as a do-it-yourself project. Installation can usually be completed in just a few hours with the exception of very large projects. Wiring should be done by a qualified electrician.



### SHIPPING

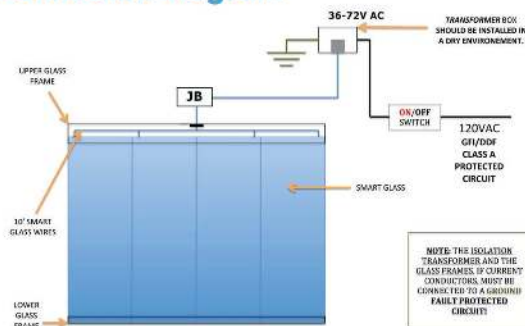
Once your custom order is complete it typically only takes 3-5 days to be shipped to your location, provided it is in The United States or Canada. International orders are usually shipped to a forwarding location such as Miami.



### WARRANTY

Smart Glass Country stands behind its products, that's why we back them with a warranty. Smart film comes with a 1 year warranty against any manufacturing defects.

### Connection Diagram



Don't see the information you are looking for?

Talk to our product advisors about smart film and how it can work for you.