



SEG | SMARTEGLASS
REDEFINING PRIVACY

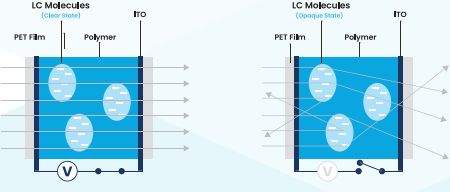
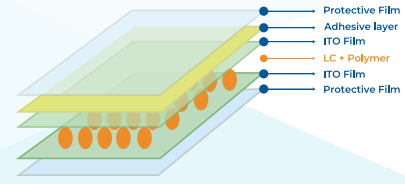
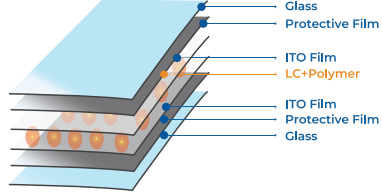


SMARTEGLASS

TECHNICAL DATASHEET



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Description		Product Type	Smart Film	Smart Self-Adhesive	Smart Glass
Operating Mode	Power On	Transparent			
	Power Off	Opaque			
Brief Introduction			A PDLC (Switchable) Film Basically Used to Make Smart Glass (Switchable Glass) As Being Laminated with a Pair of Glass	An Adhesive Film Which has Special Sticky Gel on one Side of Smart Film. So you can paste it on any Existing Glass Or Acrylic	A laminated Glass Having MF in Between a Pair of Glass. As the Glass is Laminated it can be used as a Privacy / safety glass as well
Composition					
Specification	Maximum Size(Standard)	1800mm x 3200mm	1200mm x 3200mm	1500mm x 3200mm	
	Thickness	about 0.38mm	about 0.5mm	about 13.52mm	
	Available Color	Milky White	Milky White	Milky White	
	Transmittance(On mode)	89.7+1.5%			
	Transmittance(Off mode)	10+1.5%			
	Haze(On mode)	2.25+0.5%			
	View angle	Approx 160°			
Electrical	Operating Temperature	-25°C to 85°C (-77°F to 185°F)			
	Operating Voltage	AC 220V <small>The operating voltage could be lower according to a size of the film and a place of each busbar</small>			
	Frequency Range	50-60Hz			
	Power Consumption	About 4-5W/M			
	Switching Speed	Less than 1 second (Off-On about 100milliseconds On-Off: about 400milliseconds)			
Additional Function	UV Block	More Than 98% (SF & MG)			
	Dimming	Available			
	Rear Projection Screen	Available			