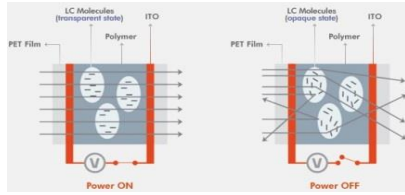
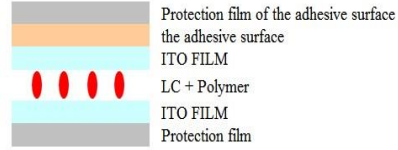
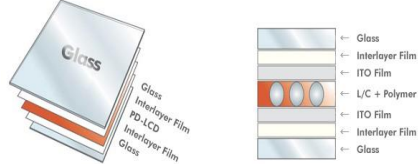


## Product Specification

002

Description		Product Type	Smart Film	Smart Self-adhesive Film	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 put it on any existing glass or acryl.	A laminated glass having MF in between a pair of glass. As the glass is laminated it can be used as a safety glass as well.	
Composition					
Specification	Maximum Size(Standard)	<b>1500mm x 3000mm</b>	<b>1200mm x 3000mm</b>	<b>1500mm x 3000mm</b>	
	Thickness	about 0.38mm	about 0.5mm	about 11mm	
	Available color	Milky white	Milky white	Milky white	
	Transmittance(On mode)	83.7±1.5%	-	-	
	Transmittance(Off mode)	10±1.5%	-	-	
	Haze(On mode)	2.75±0.5%	-	-	
	View angle	Applx. 150°			
Electrical	Operating Temperature	-25°C to 85°C (- 77°F to 185°F)			
	Operating Voltage	AC 110V <i>※The operating voltage could be lower according to a size of the film and a place. of each busbar.)</i>			
	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			

※ The actual transparency of Dark Gray SCF is better than a normal film, however, the number of transmittance is lower than the other film because of its color which is recognized lower by an optical machine.