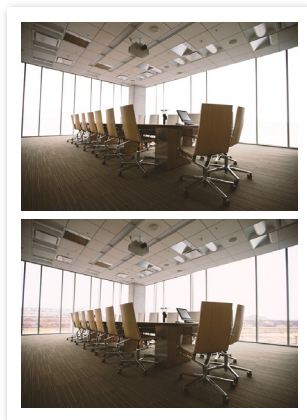


PDLC PRIVACY FILM/GLASS

Smart Films International ("SFI") is a developer and manufacturer of Dynamic Smart Glass Solutions for Architecture and Automotive markets.

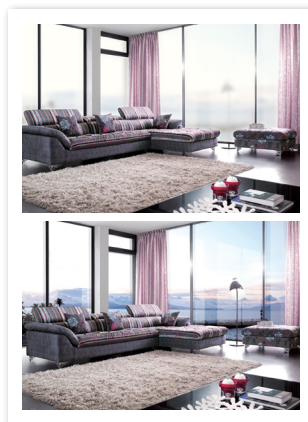
Smart Film, also known as Switchable Film or Privacy Film is an innovative solution for Privacy on Demand. The Smart Film switches between transparent and 'milky' white by applying electrical voltage.

Smart Films INTERNATIONAL



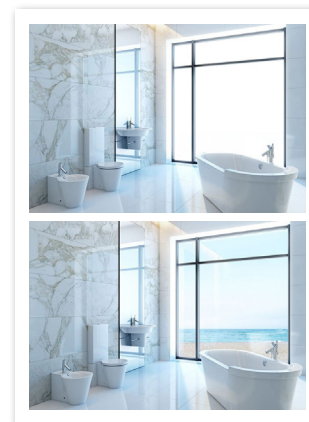
Adhesive Privacy Film (48V)

- **Max width:** 1500mm; **Length:** unlimited
- **Colors:** white, light grey, dark grey
- **Format:** roll (1.2m, 1.5m width) any length or customize cut to size with wires ready to install
- **Lead time:** 1 week production + Courier Express Shipment (4-5 days)
- **Warranty:** 1 year
- **Shipment terms:** EXW
- **MOQ:** None
- No exposure to heat/sun or direct water



Privacy Glass (48V)

- **Max width:** 1800mm; **Length:** 3600mm
- **Thickness:** 5+5; 6+6; 5+7 or other
- **Colors:** white, light grey, dark grey
- **Format:** customize glass cut to size with wires ready to install
- **Lead time:** 2 weeks production + Ocean (4-5 weeks)
- **Warranty:** 3 year
- **Shipment terms:** EXW
- **MOQ:** None
- Super clear glass
- Glass tempered or non-tempered



Laminated Film (48V)

- **Max width:** 1800mm; **Length:** unlimited
- **Colors:** white, light grey, grey
- **Format:** roll or cut to size with wires ready for lamination
- **Lead time:** 1 week production + Courier Express Shipment (4-5 days)
- **Warranty:** 3 year
- **MOQ:** None
- Blinds film

ITEM	POWER	PDLC FILM/GLASS LAMINATION	PDLC FILM ADHESIVE
GENERAL			
Technology		PDLC	PDLC
Width		1,800 mm	1,200 mm
Length		Length - unlimited	Length - unlimited
Thickness		0.40 mm	0.12 mm
Expose to Sun		No	Yes
Colors		white, light grey, dark grey	white, grey
Method		EVA	Wet Stick
Format		Roll 1.2 m; 1.5 m; 1.8 m cut to size	Roll 1.2 m; cut to size
LOGISTIC			
Lead Time		2 Weeks	2 Weeks
1500 mm Box Size		40 x 40 x 170 cm	40 x 40 x 170 cm
Time in Market		8 years	8 years
Comment		No 4 h daily shut off	No 4 h daily shut off
Warranty		2 years	2 years
OPTICAL			
VLT	On	>80%	>80%
	Off	<5%	<5%
Haze	On	6%	7%
	Off	<95%	<95%
Viewing Angle	On	150 degrees	150 degrees
UV Blocking	On	<98%	<98%
	Off	<98%	<98%
IR Blocking	On	30%	30%
	Off	80%	80%
ELECTRICAL			
Voltage	On	48 VAC	36 VAC
Response Time	On à Off	10 ms	10 ms
	Off à On	200 ms	200 ms
Power Consumption	On	<10W/M ²	<10W/M ²
Ampere (higher when in glass)	On	200 mA/sqm	150 mA/sqm
ENVIRONMENTAL			
Operating Temperature	On / Off	-20°C~ 60°C	-20°C~ 60°C
Storage Temperature	On / Off	-20°C~ 60°C	-20°C~ 60°C
Life (Indoors)	On / Off	5-10 years	5-10 years
LIGHT GREY FILM			
VLT	On	40%	50%
	Off	<5%	<5%
DARK GREY FILM			
VLT	On	30%	40%
	Off	<5%	<5%