



SFB Reverse PNLC Applied Smart Film 2026

Make Your Space



Security



Comfortable



Safety



Convenient

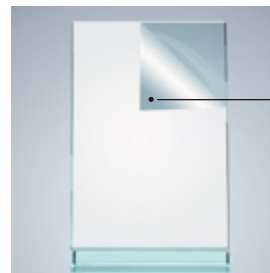


Privacy

PNLC Self Adhesive Smart Film Series

Designed to be retrofitted into an existing space for an instant upgrade, This adhesive smart film works just like laminated smart glass, instantly from transparent to opaque dynamic light control. Installed by trained film installers onto existing windows and glass partitions

SFB SELF-ADHESIVE PNLC FILM STRUCTURE



SFB self adhesive smart films

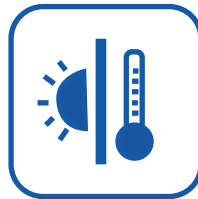
SFB self adhesive smart films

Benefits



Dynamic Privacy

Complete privacy or transparency when you need and want it most



Temperature Control

Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs



High ROI

Mitigate longterm costs associated with cleaning, cooling, and signage



Dynamic Designs

Custom shapes and patterns add style and function to windows and partitions



Optimize Space

Replace thick studded walls with thin partitions or section open floor plans with minimalist solutions



Easy To Clean

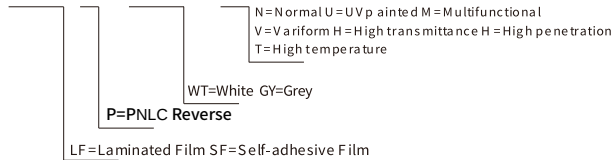
Eliminate fabric or electronic curtains that are hard to clean and collect germs while affecting designs



Enhance Wellbeing

Provide light or privacy and give users flexibility to control their space for greater sense of control and wellbeing

Model: **SF -P -PN- WT-N**



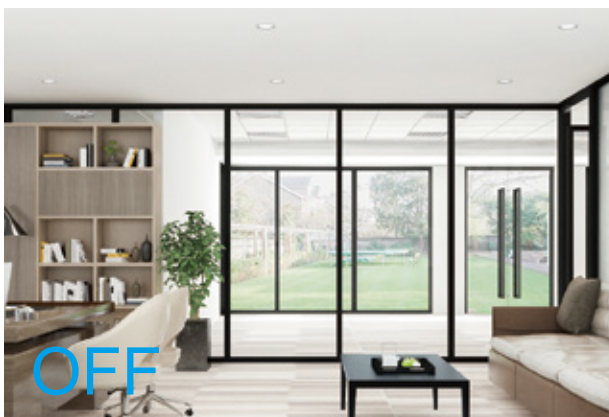
SF	PNLC	WT	N
SF=Self-adhesive Film	PN=PNLC	WT=White GY=Grey	N=Normal U=UV-Painted M= Multifunctional V= Variform

Parameter	Status	SF-PN	SF-PN		
	ON/OFF	SF-PN-xxxx-xxx	SF-PN-xxx-N	SF-PN-xxx-V	SF-PN-xxx-M
VLT (Parallel light transmittance)	OFF	88%±1%			
	ON	3%±1%			
Total Transmittance	ON	4±1%(High Transmittance)			
	OFF	88%±1%			
Haze	ON	>95%±1%			
	OFF	<3%±1%			
Off-axis Haze 45°	ON	8-11%			
Width		Max ≤1520			
Film Thickness		0.35-0.55mm			
Switching Time	ON	200ms			
	OFF	220ms			
Operating Modes		ON/OFF/DIM			
Operating Voltage		AC 65V			
Power Input		AC100-120V60Hz / 220-240V50Hz			
Controller		SFB dedicated remote power supply			
Power Consumption	ON	avg. 4-6W/m ²			
Operating Temperature		-20°C to +110°C			
IR Block		85%			
UV Block		99%			
Viewing angle	ON	160°+1%			
Length tolerance		+0.5/-0 meter	+0/-2mm		
Width tolerance		+5/-0mm	+0/-2mm		

Applications

► Office

SFB Smart Glass makes your office beautiful, saves energy and gives privacy when needed



► Residential

SFB Smart Glass makes your home more secure, gives privacy and more space



► Hotel

SFB Smart Glass makes your hotel more impressive, efficient and more comfortable.



► Store

SFB Smart Glass makes your store more attractive, impressive and more creative



► Service Counter

SFB Smart Glass makes your service counter safe, more efficient and more novel



► Hospital

SFB Smart Glass make your hospital more secure ,healthy and more comfortable.

