



WHY US?

DESIGNED, MANUFACTURED, AND SUPPORTED 100% IN THE USA

PROUD MEMBER OF THE INTERNATIONAL WINDOW FILM ASSOCIATION



29 U.S. PATENTS | OVER 25 YEARS OF INNOVATION & LEADERSHIP

WHY CHOOSE SMART TINT®?

- Premium Architectural Grade only – never lower quality “grades”
- <1.5% haze for superior clarity
- Best-in-class privacy when opaque
- All film is dimmable and energy efficient
- Every piece comes with a serial number for authenticity & warranty



MADE IN THE USA

- Manufactured entirely in the USA – not resold by third parties
- 100% American workforce
- ISO quality control inspections
- UL-listed power supplies ensure safety and reliability



SAFETY & COMPLIANCE

- ETL listed – UL compliance in the U.S. & Canada
- Fire-rated & security-certified – trusted in schools, offices and government buildings
- National Electrical Code compliant
- Residential, commercial, industrial



PROPRIETARY TECHNOLOGIES

- Smart Cling® Self-Adhesive Technology
- Automatically outgasses – prevents solar fracturing
- Nano Hardshell™ Technology – industry's most scratch-resistant surface
- Acts as a security film



ENGINEERING, WARRANTY & SUPPORT

- Industry-leading warranty & durability
- Dedicated project managers
- 24/7 technical support
- Expert in-house engineers (10+ years experience)
- Custom solutions to your specs

INSTALLATION & INTEGRATION

- 1,900+ certified U.S. installers | 550+ worldwide
- Remote control + wall switch included
- Control from your smartphone
- Seamless integration with:
Crestron • Lutron • Savant • Arduino • More

SMART TINT® – THE ORIGINAL, TRUSTED NAME IN SWITCHABLE SMART FILM®

MAJOR INDUSTRIES | GLOBAL CORPORATIONS | GOVERNMENT AND INSTITUTIONS

“WITH GENUINE SMART TINT®, THE DIFFERENCE IS CLEAR!”

Smart Cling® Self-Adhesive Backing

DESCRIPTION

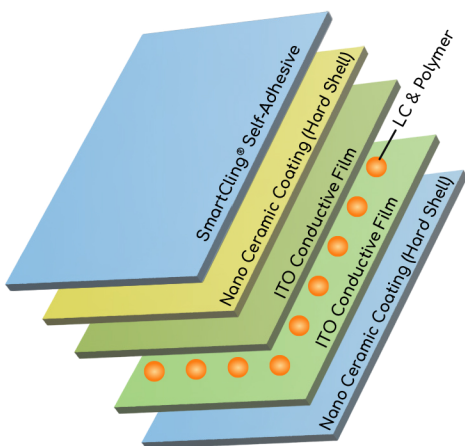
Smart Cling® proprietary self-adhesive peel-and-stick backing is the only self-adhesive that outgases on its own, preventing solar fracturing by not trapping gas or heat between the film and the glass. Preferred by architects worldwide for high moisture and high heat environments.

FEATURES

- Switches from clear to frosted
- Privacy & security
- Rear projection screen
- Protection from UV damage
- Easy installation - SmartCling Self Adhesive film
- Durable, reliable & dimmable
- Outgasses on its own while curing, preventing solar fracturing

PRODUCT TYPES

- Available in Adhesive & Non-adhesive



ADHESIVE

SmartCling® Self-Adhesive

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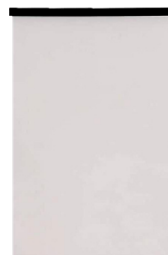
DIMENSIONS

- Maximum size: 71" x 1958" or 1800mm x 50m
- Thickness: 0.35mm



COLORS

- Available in 3 colors:



White



Grey



Black

TECHNICAL DATA

OPTICAL PERFORMANCE

- OFF state: Haze = 98%
- ON state: Haze = 2%, Total light transmittance = 98 ±1 (on)

ELECTRICAL POWER

- Driving voltage = **48 VAC**
- Power consumption = 3 to 5 watts per sq. meter

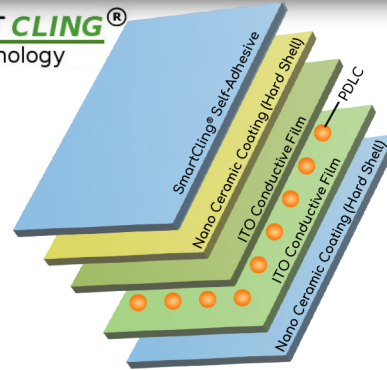
ENVIRONMENTAL

- Temperature: Storage -30° ~ 60°C Operation -16°F - 187°F
- Durability to long-term electrical switching
- Durability to sunlight exposure

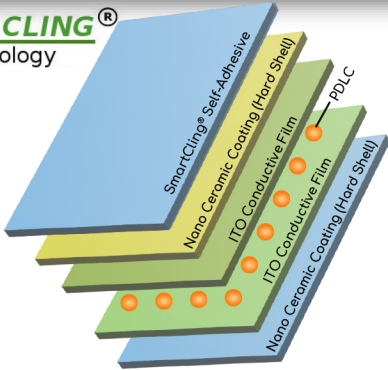


CONFIDENTIAL

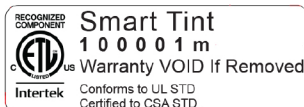
SMART CLING®
Technology



Smart Cling® Self-Adhesive

<div><div>CONFIDENTIAL</div></div> <div>DESCRIPTION</div> <div>Powers Off Clear Powers On Private Dimmable</div>	<div><div>SMART CLING® Technology</div><div></div><div>Smart Cling® Self-Adhesive</div></div>	
	Smart Tint SA	Low driving voltage * High on clarity (LV-SF)
FILM THICKNESS	1 Mil	
FILM SIZES	60" x 1958" or 1524mm x 50m	
UV BLOCK	> 99 %	
IR BLOCK	Standard Low Haze High Clarity > 20 %	IR90 Low Haze Clarity + Heat Block > 98 %
SOLAR HEAT GAIN COEFFICIENT (950 nm)	0.71	0.1
OPERATION TEMPERATURE	-10° C ~ 60° C	
PARALLEL LIGHT TRANSMITTANCE (650 nm)	98 ±1 (off) 1.8 ±0.5 (on)	98 ±1 (off) 2 ±1 (on)
TOTAL LIGHT TRANSMITTANCE	98 ±1 (off) 4 ±2 (on)	98 ±1 (off) 4 ±2 (on)
HAZE	3 ±1 (off) 98 ±2 (on)	3 ±1 (off) 98 ±1 (on)
OPERATING VOLTAGE	48 ~ 80 VAC	48 ~ 80 VAC
FREQUENCY RANGE	50 ~ 60 Hz	
POWER CONSUMPTION	3 ~ 4 W/m²	
SWITCHING SPEED	Off → On : 50 ~ 100 milliseconds / On → Off : 200 ~ 300 milliseconds	

* LV = Low Voltage

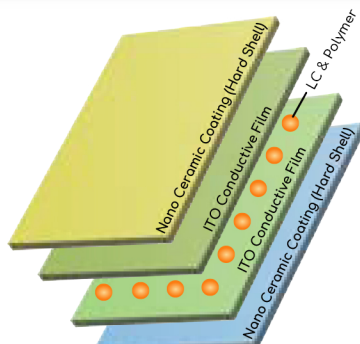


Smart Tint® is the only ETL-certified Smart Film® in the industry that conforms to UL standards in North America.

CONFIDENTIAL

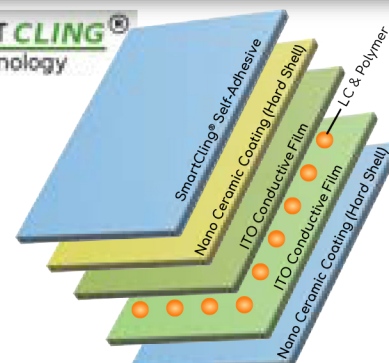
DESCRIPTION

**Powers On Clear
Powers Off Private
Dimmable**



Non-Adhesive

SMART CLING®
Technology

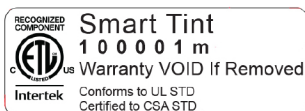


Smart Cling® Self-Adhesive

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HAZE	3 ±1 (on) 98 ±2 (off)	3 ±1 (on) 98 ±1 (off)	3 ±1 (on) 98 ±2 (off)	3 ±1 (on) 98 ±1 (off)
OPERATING VOLTAGE	28 ~48 VAC	28 ~48 VAC	28 ~48 VAC	28 ~48 VAC
FREQUENCY RANGE	50 ~ 60 Hz			
POWER CONSUMPTION	3 ~ 4 W/m²			
SWITCHING SPEED	Off → On : 50 ~ 100 milliseconds / On → Off : 200 ~ 300 milliseconds			

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Tinsel Strength Tested
- 14,000 lbs. per square inch



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