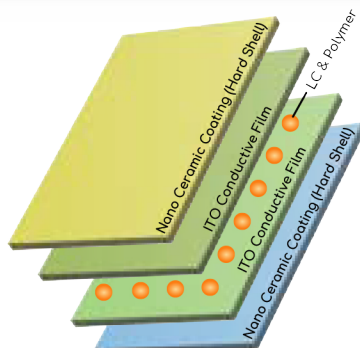


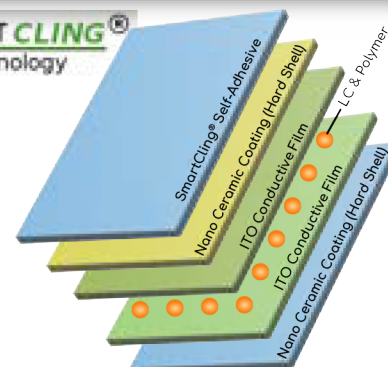
CONFIDENTIAL

DESCRIPTION



Non-Adhesive

SMART CLING®
Technology

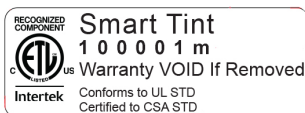


Smart Cling® Self-Adhesive

	Smart Tint NA	Low driving voltage * High on clarity (LV-NF)	Smart Tint SA	Low driving voltage * High on clarity (LV-SF)
FILM THICKNESS	1 Mil		1 Mil	
FILM SIZES	71" x 1958" or 1800mm x 50m		71" x 1958" or 1800mm x 50m	
UV BLOCK	> 99 %		> 99 %	
IR BLOCK	Standard Low Haze High Clarity > 20 %	IR90 Low Haze Clarity + Heat Block > 98 %	Standard Low Haze High Clarity > 20 %	IR90 Low Haze Clarity + Heat Block > 98 %
SOLAR HEAT GAIN COEFFICIENT (950 nm)	0.71	0.1	0.71	0.1
OPERATION TEMPERATURE	-10° C ~ 60° C			
PARALLEL LIGHT TRANSMITTANCE (650 nm)	98 ±1 (on) 1.8 ±0.5 (off)	98 ±1 (on) 2 ±1 (off)	98 ±1 (on) 1.8 ±0.5 (off)	98 ±1 (on) 2 ±1 (off)
TOTAL LIGHT TRANSMITTANCE	98 ±1 (on) 4 ±2 (off)	98 ±1 (on) 4 ±2 (off)	98 ±1 (on) 4 ±2 (off)	98 ±1 (on) 4 ±2 (off)
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			

* LV = Low Voltage

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



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