

Smart Tint Technical Data Sheet

Description	NON-Adhesive Smart Tint		Smart Cling Self Adhesive Smart Tint	
	High on clarity (HC-NF)	Low driving voltage (LV-NF)	High on clarity (HC-SF)	Low driving voltage (LV-SF)
Film thickness	0.4 mm		0.5 mm	
Film sizes	70" x 144" or 1778mm x 3658mm		1505mm x 3400mm or 59.25" x 133.8"	
UV block	> 99%		> 99%	
IR block	Standard Low Haze High Clarity > 20%	IR90 Low Haze High Clarity + Heat Block > 90%	Standard Low Haze High Clarity > 20%	IR90 Low Haze High Clarity + Heat Block > 90%
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)	96 ± 1 (on) 1.8 ± 0.5 (off)	96 ± 1 (on) 2 ± 1 (off)	96 ± 1 (on) 1.8 ± 0.5 (off)	96 ± 1 (on) 2 ± 1 (off)
Total light transmittance	90 ± 1 (on) 4 ± 2 (off)	90 ± 1 (on) 4 ± 2 (off)	90 ± 1 (on) 4 ± 2 (off)	90 ± 1 (on) 4 ± 2 (off)
Haze	3 ± 1 (on) 89 ± 2 (off)	4.0 ± 1 (on) 85 ± 2 (off)	3 ± 1 (on) 89 ± 2 (off)	4.0 ± 1 (on) 85 ± 2 (off)
Operating voltage	100 ~ 120 VAC	35~75 VAC	100 ~ 120 VAC	35~75 VAC
Frequency range	50 ~ 60 Hz			
Power consumption	3 ~ 4 W/m ²			
Switching speed	Off → On : 50~100 milliseconds / On → Off : 200~300 milliseconds			

※ HC= USA/CANADA Line Voltage LV= Low Voltage

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SmartCling™ Self Adhesive Smart Tint™



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Technology

A clear leap above the traditional self adhesives