



SONTE (UK)
SMART GLASS & FILM

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Specification (Self Adhesive Film)		Operation Mode	Standard White Smart Film 0.5mm for Internal Glass	Solar White Smart Film 0.5mm for external facing Glass	Solar Grey Smart Film 0.5mm for external facing Glass
Optical	Parallel Light Transmission %	ON	82	84	68
		OFF	39	29	58
	Haziness (Appearance) %	ON	7	6	6
		OFF	80	90	90
	View Angle (Degrees)	ON	150	150	150
	InfraRed Blocking (IR) %	ON	12	12	12
		OFF	41	50	50
	UltraViolet Blocking (UV) %	ON	98	99	99
OFF		99	99.9	99.9	
Solar Heat Gain Coefficient (SHGC) (0 ~ 1. 0 where zero = no solar heat gain)	ON	0.494	0.494	0.494	
	OFF	0.479	0.479	0.479	
Electrical	Power Transformer	INPUT	220 VAC	220 VAC	220 VAC
		OUTPUT	48-60 VAC	48-60 VAC	48-60 VAC
	Response Time (ms)	OFF -> ON	20	20	20
		ON -> OFF	10	10	10
	Power Consumption (W/hr per sqm)	ON	4 to 5	4 to 5	4 to 5
OFF		0	0	0	
Dimension	Film Thickness (mm)	N.A.	0.5mm	0.5 mm	0.5 mm
Environment	Operating Temperature	OFF <-> ON	-30 to 70 °C	-30 to 100 °C	-30 to 100 °C