



SUNGUARD

WINDOW FILMS

SPECIFICATION.

WINDOW FILM TYPE: UV SHIELDING

UV SHIELDING.

Sunguard UV Window Film is used where the sole concern is Ultraviolet (UV) protection. Often used for shop front windows, museums, historic buildings, to shield 99% of UV radiation, helping to reduce fading of valuables, fabrics and furnishings. Constructed with a durable scratch resistant coating for easy cleaning.

PHYSICAL PROPERTIES NOMINAL.

Nom. Thickness: 50 microns
Tensile strength: 2,100 kg/cm²
Melting point: 260 – 265 °C

All window films meet classification B-S1,d0 (tests acc to SBI EN13823) and class M1 (tests acc.to NF P 92-501).

UV
REJECTED, UP TO
99%

PERFORMANCE PARAMETERS FOR DIFFERENT WINDOW TYPES

	4MM SINGLE CLEAR		4/12/4MM DOUBLE CLEAR	
	NO FILM	WITH FILM	NO FILM	WITH FILM
VISIBLE LIGHT.				
Transmittance %	90	88	82	80
SOLAR ENERGY.				
Infrared rejection @780 – 2500 nm %*	17	19	17	28
Ultraviolet light blocked @300 to 380 nm %	36	>99	51	>99
Fade control UV Tdw-ISO @300 – 700 nm %**	85	63	74	57
Fade reduction %	0	26	0	23

FILM PERFORMANCE. (4MM SINGLE CLEAR)

	NO FILM	WITH FILM	
Visible light transmission @ 550nm	90%	88%	
Ultraviolet light blocked	36%	>99%	
Performance percentage %	0	20	40 60 80 100