

SUN BARRIER™
ALWAYS SHIELDING YOU



MAGNETRON

SPUTTER FILM

HIGH PERFORMANCE UV RADIATION PROTECTION
THE ULTIMATE HIGH HEAT REJECTION

OVER
90%



**INFRARED AND
HEAT REJECTION**

UP TO
99%



**ULTRAVIOLET
REJECTION**

TOTAL
99%



**OPTIMAL
CLARITY**



MAGNETRON SPUTTER FILM

HIGH PERFORMANCE



	X70	X50	X35	X20
Visible Light Transmittance %	70	50	35	20
Ultraviolet Rejection %	99	99	99	99
IR Rejection % / 1400mm	95	95	95	95
Total Solar Energy Rejected %	50	60	65	68

Saloon Car
 RM 2,988 - Full Car
 RM 1,198 - Front Windscreen

Luxury Saloon
 RM 3,188 - Full Car
 RM 1,298 - Front Windscreen

MPV / SUV
 RM 3,488 - Full Car
 RM 1,398 - Front Windscreen



	Y70	Y50	Y35
Visible Light Transmittance %	70	50	35
Ultraviolet Rejection %	99	99	99
IR Rejection % / 1400mm	92	92	92
Total Solar Energy Rejected %	50	58	64

Saloon Car
 RM 2,488 - Full Car
 RM 998 - Front Windscreen

Luxury Saloon
 RM 2,688 - Full Car
 RM 1,098 - Front Windscreen

MPV / SUV
 RM 2,988 - Full Car
 RM 1,198 - Front Windscreen



	Z70	Z50	Z35
Visible Light Transmittance %	70	50	35
Ultraviolet Rejection %	99	99	99
IR Rejection % / 1400mm	75	75	75
Total Solar Energy Rejected %	47	55	61

Saloon Car
 RM 1,988 - Full Car
 RM 798 - Front Windscreen

Luxury Saloon
 RM 2,188 - Full Car
 RM 898 - Front Windscreen

MPV / SUV
 RM 2,488 - Full Car
 RM 998 - Front Windscreen

* The above numbers are based on internal testing. Results may differ depending on various devices.

Metal
sputtering
layers



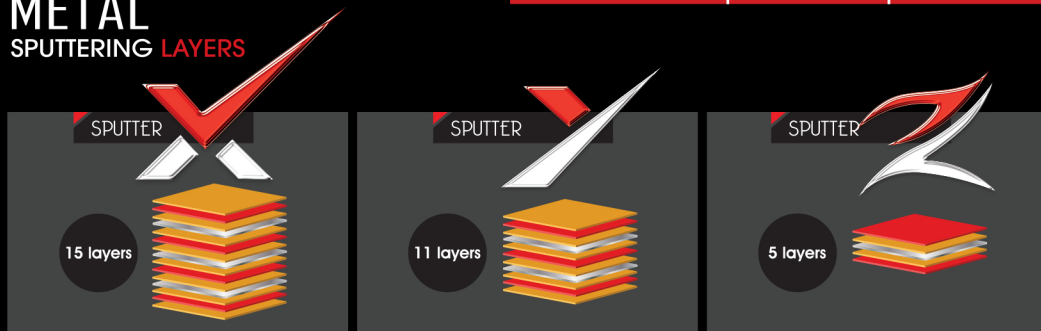
99.99% PURE SILVER

Multi-Layer Precious Metals Create EXTRAORDINARY **HEAT REJECTION**

With our leading-edge sputtering technology, up to 15 precious metal layers are built into micro nano particles and deposited onto the film. The unique high reflection properties of precious metal particles give the thin layer of film the ultimate high heat rejection.

	UV Rejection (320-380nm)	Infrared Reflectance (780-2400nm)
Dyed Films	Low (declines overtime)	No
Ceramic Films	High	Very Low
Ordinary Sputtering Films	High	Low
Sun Barrier™ Magnetron Sputter Film	High	High

METAL SPUTTERING LAYERS



**TRIPLE SILVER
STRUCTURE**

**DOUBLE SILVER
STRUCTURE**

**SINGLE SILVER
STRUCTURE**

Medium layer Resistance layer Silver layer

PROFESSIONAL CREATION

Sun Barrier™ has a proprietary window film design capability that can produce films with different attributes using our sputtering technology. We can achieve different transparencies, levels of reflectivity and insulation combinations. In addition, film thickness, colours and other product specifications are fully customisable as well to suit all of our client's expectations.



WHAT ARE THE BENEFITS ?

With USA & Germany technological advancement in solar control films, SUN BARRIER™ brings you the next level of High Tech Sputtering Window Film that has layers of thin polyester materials laminated with different types of heat resistive alloys. It is coated with specially formulated adhesive, protected by a removable liner to adhere to any glass surfaces.

- :: Ultimate heat rejection.
- :: High performance UV radiation protection.
- :: Best insulation film for glass.
- :: Anti-scratch coating.
- :: High optical density resolution.
- :: Rejects up to 90% of infrared rays.
- :: Optimum security and safety protection.
- :: Up to 7 years warranty.

SUN BARRIER SDN BHD 1232730-W

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