

# WVX5090



Microworks **Window Film**

## Advantage -

1. Drive cooler by reducing excessive solar heat
2. increase Personal Safety from Glass Breakage
3. Better eye comfort
4. Great maintenance with less scratch
5. Long life indoor fabric from fading

IR-Cut Hard-Coating

Chip-Dyed PET Film ( $23\pm1\mu\text{m}$ )

IR-Cut PSA

Optical Grade PET Film ( $23\pm1\mu\text{m}$ )

UV-Cut PSA

Silicone Release Film( $23\mu\text{m}$ )

Visible Light Transmitted		44%	KS L 2016 ISO 9050
Visible Light Reflected	External	5.2%	KS L 2016 ISO 9050
	Internal	5.7%	
Solar Heat Reduction		47%	
Solar Heat	Reflected	6%	ISO 9050
	Absorbed	66%	
	Transmitted	28%	
IR Transmitted		9%	ISO 9050
UV Rejected		99%↑	KS L 2514 ISO 9050
Total Solar Energy Rejected (TSER)		53%	ISO 9050

Thickness	2Mil/2Ply	
Shading Coefficient	0.53	KS L 2016
Solar Heat Gain Coefficient (SHGC)	0.45	KS L 2514
Scratch Resistant	>2H	ASTM D3363
Haze	0.6%	ASTM D1003
Adhesion of Hard-Coated Surface	5B (0% peel-off)	ASTM D3359

This information is the best currently available on the subject. The result should, however, only be regarded as a general guide to material properties and not as a guarantee. Some of the properties can be changed as a result of supplier's effort to improve the quality or production efficiency of the subject.