

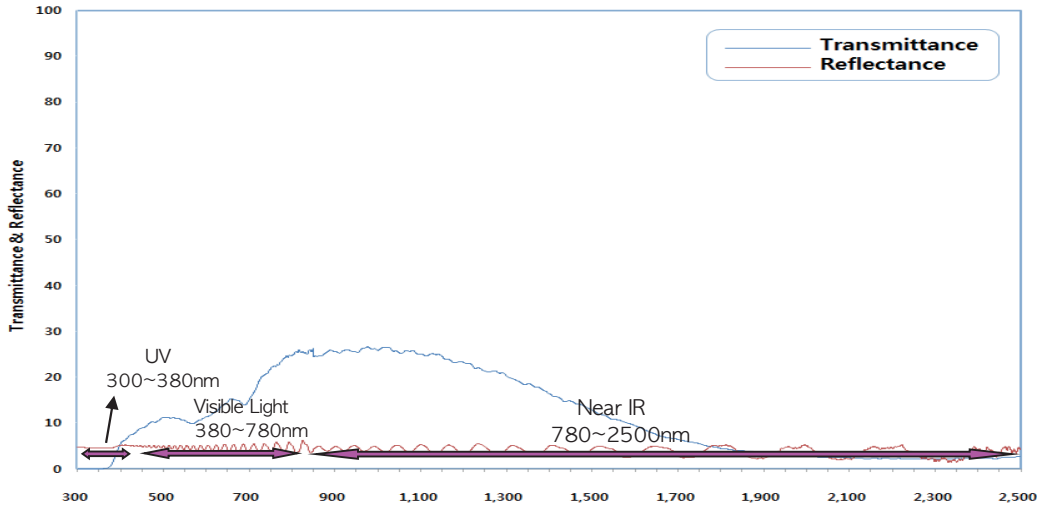


Technical manual





5%



Visible Light Transmitted		6%	KS L 2514
Visible Light Reflected	External	4.6%	KS L 2514
	Internal	4.8%	
Solar Heat	Transmitted	6.5%	KS L 2514
	Reflected	4.5%	
	Absorbed	89%	
IR Rejected	900~1000nm	96%	
	780~2500nm	97%	
UV Rejected		99%↑	KS L 2514
Total Solar Energy Rejected (TSER)		59%	KS L 2514

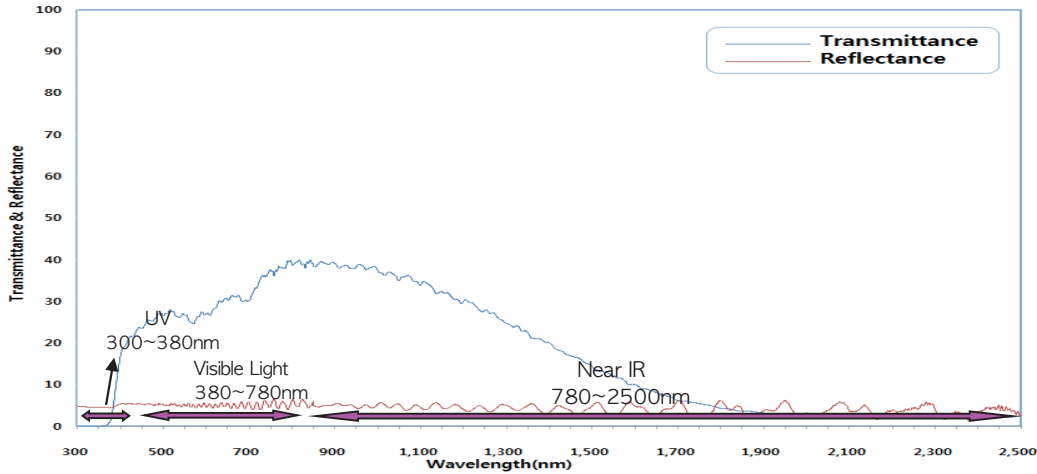


Thickness	2Mil/ 2Ply	
Shading Coefficient	0.53	KS L 2016
Solar Heat Gain Coefficient (SHGC)	0.48	KS L 2514
Scratch Resistant	>2H	ASTM D3363
Adhesion of Hard-Coated Surface	3B	ASTM D3359

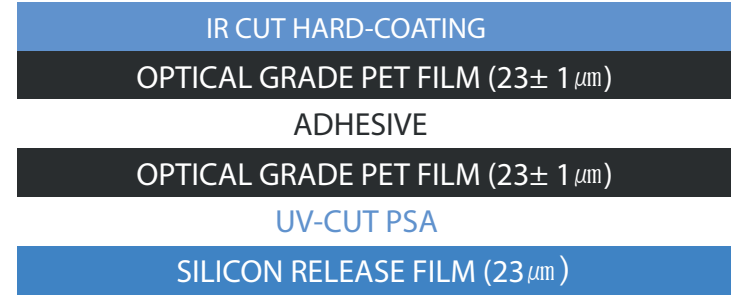




20%



Visible Light Transmitted		20%	KS L 2514
Visible Light Reflected	External	5.1%	KS L 2514
	Internal	5.4%	
Solar Heat	Transmitted	18.3%	KS L 2514
	Reflected	5%	
	Absorbed	79.7%	
IR Rejected	900~1000nm	93%	
	780~2500nm	94%	
UV Rejected		99%↑	KS L 2514
Total Solar Energy Rejected (TSER)		56%	KS L 2514

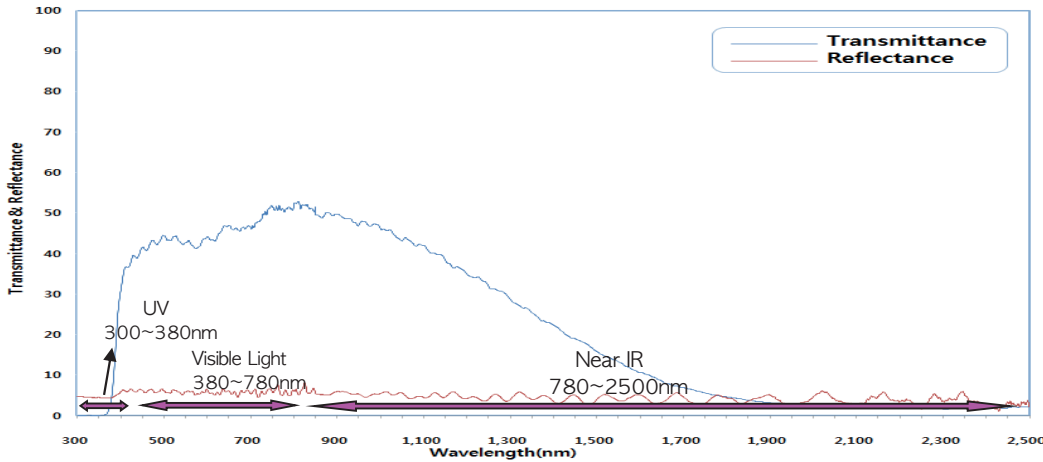


Thickness	2Mil/ 2Ply	
Shading Coefficient	0.53	KS L 2016
Solar Heat Gain Coefficient (SHGC)	0.45	KS L 2514
Scratch Resistant	>2H	ASTM D3363
Adhesion of Hard-Coated Surface	3B	ASTM D3359





35%



Visible Light Transmitted		35%	KS L 2514
Visible Light Reflected	External	5.8%	KS L 2514
	Internal	6%	
Solar Heat	Transmitted	19.7%	KS L 2514
	Reflected	5.4%	
	Absorbed	74.9%	
IR Rejected	900~1000nm	92%	
	780~2500nm	93%	
UV Rejected		99%↑	KS L 2514
Total Solar Energy Rejected (TSER)		55%	KS L 2514

IR CUT HARD-COATING

OPTICAL GRADE PET FILM (23± 1 μm)

ADHESIVE

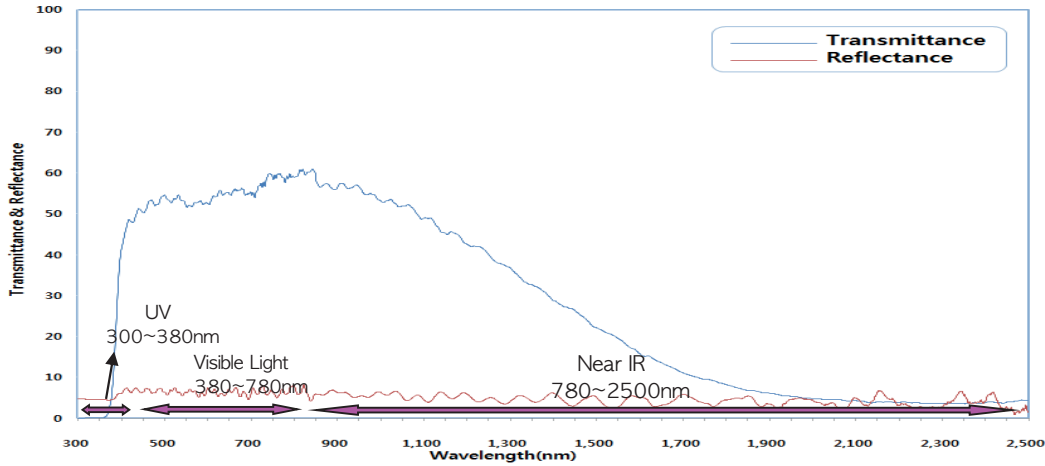
OPTICAL GRADE PET FILM (23± 1 μm)

UV-CUT PSA

SILICON RELEASE FILM (23 μm)

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
Adhesion of Hard-Coated Surface	3B	ASTM D3359





Visible Light Transmitted		70%	KS L 2514
Visible Light Reflected	External	6.3%	KS L 2514
	Internal	6.5%	
Solar Heat	Transmitted	34.9%	KS L 2514
	Reflected	5.9%	
	Absorbed	59.2%	
IR Rejected	900~1000nm	91%	
	780~2500nm	92%	
UV Rejected		99%↑	KS L 2514
Total Solar Energy Rejected (TSER)		48%	KS L 2514

IR CUT HARD-COATING
OPTICAL GRADE PET FILM (23± 1 μm)
ADHESIVE + CERAMIC
OPTICAL GRADE PET FILM (23± 1 μm)
UV-CUT PSA
SILICON RELEASE FILM (23 μm)

Thickness	2Mil/ 2Ply	
Shading Coefficient	0.60	KS L 2016
Solar Heat Gain Coefficient (SHGC)	0.52	KS L 2514
Scratch Resistant	>2H	ASTM D3363
Adhesion of Hard-Coated Surface	3B	ASTM D3359



Globaltek Window Film

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