

SKY 60D (6010)



SKY 6010D is dyed IR film with enhanced solar heat-rejection performance.

The non-reflective IR film delivers the most clear and comfortable view with exceptional clarity.

Item	Unit	Value	Test Method
UV Rejection	%	99	KS L 2514
Visible Light	Transmittance	%	10.0
	Reflectance (ext.)	%	4.8
	Reflectance (int.)	%	5.3
	Absorbance	%	85.2
Solar Heat	Transmittance	%	26.0
	Reflectance (ext.)	%	5.8
	Reflectance (int.)	%	6.0
	Absorbance	%	68.2
Infrared Ray	Rejected 950nm	%	60.0
	Rejected 1400nm	%	75.0
Shading Coefficient		0.56	KS L 2016
U-Value	W/m ² K	5.9	KS L 2514
TSER	%	56.0	
Thickness	mil	2.0	
Color		Black	



UShield is a researcher and manufacturer producing significant energy efficient products and providing with energy saving solution in variety of industries.

SKY 60D (6030)



SKY 6030D is dyed IR film with enhanced solar heat-rejection performance.

The non-reflective IR film delivers the most clear and comfortable view with exceptional clarity.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	30.0	KS L 2514
	Reflectance (ext.)	%	5.2	
	Reflectance (int.)	%	6.2	
	Absorbance	%	64.8	
Solar Heat	Transmittance	%	38.0	KS L 2514
	Reflectance (ext.)	%	5.9	
	Reflectance (int.)	%	6.5	
	Absorbance	%	56.1	
Infrared Ray	Rejected 950nm	%	60.0	LS 160
	Rejected 1400nm	%	75.0	LS 160A
Shading Coefficient			0.65	KS L 2016
U-Value		W/m ² K	5.9	
TSER		%	48.0	KS L 2514
Thickness		mil	2.0	
Color			Black	

* Measuring condition (TL%): UV-VIS-NIR Spectrophotometer, Perkin-Elmer, Lambda 9 & 950 U.S.A.

* Measuring condition (TE%): AM=1.5, Film side (attached 3mm clear glass)



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SKY 90C (9010)



SKY 9010C is nano ceramic IR film with more enhanced solar heat-rejection performance. The non-reflective IR film delivers the most clear and comfortable view with exceptional clarity, more privacy and less glare. Supports more privacy and less glare.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	11	KS L 2514
	Reflectance (ext.)	%	6.2	
	Reflectance (int.)	%	4.7	
	Absorbance	%	83.2	
Solar Heat	Transmittance	%	12.3	KS L 2514
	Reflectance (ext.)	%	6.5	
	Reflectance (int.)	%	4.6	
	Absorbance	%	81.3	
Infrared Ray	Rejected 950nm	%	90	LS 160
	Rejected 1400nm	%	99	LS 160A
Shading Coefficient			0.46	KS L 2016
U-Value		W/m ² K	5.9	
TSER		%	62.0	KS L 2514
Thickness		mil	2.0	
Color			Black	



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SKY 90C (9030)



SKY 9030C is nano ceramic IR film with more enhanced solar heat-rejection performance. The non-reflective IR film delivers the most clear and comfortable view with exceptional clarity, more privacy and less glare. Supports more privacy and less glare.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	31	KS L 2514
	Reflectance (ext.)	%	7.5	
	Reflectance (int.)	%	5.0	
	Absorbance	%	62.5	
Solar Heat	Transmittance	%	10.0	KS L 2514
	Reflectance (ext.)	%	7.2	
	Reflectance (int.)	%	5.0	
	Absorbance	%	82.8	
Infrared Ray	Rejected 950nm	%	90	LS 160
	Rejected 1400nm	%	99	LS 160A
Shading Coefficient			0.51	KS L 2016
U-Value		W/m ² K	5.9	
TSER		%	60.0	KS L 2514
Thickness		mil	2.0	
Color			Black	



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