

# GHOST 90S (9010)



**GHOST 9010S** is sputtered IR film with highly enhanced solar heat-rejection performance.

- \* It has a high visible light transmittance below haze 1.0.
- \* Can perform tinting work easily more by using excellent heat shrinkage of film.
- \* Beautiful and unique color category. \* No oxidation risk at all.
- \* Minimizes metal components to prevent hi-pass/communication failures compared to other sputter products, and uses the fewest metals.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	14.7	KS L 2514
	Reflectance (ext.)	%	10.4	
	Reflectance (int.)	%	5.0	
	Absorbance	%	74.9	
Solar Heat	Transmittance	%	20.3	KS L 2514
	Reflectance (ext.)	%	10.3	
	Reflectance (int.)	%	5.0	
	Absorbance	%	69.4	
Infrared Ray	Rejected 950nm	%	80	LS 160
	Rejected 1400nm	%	85	LS 160A
Shading Coefficient			0.50	KS L 2016
U-Value		W/m <sup>2</sup> K	5.80	
TSER		%	61.2	KS L 2514
Thickness		mil	2.5	
Color			Light Green	



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

# GHOST 90S (9030)



**GHOST 9030S** is sputtered IR film with highly enhanced solar heat-rejection performance.

- \* It has a high visible light transmittance below haze 1.0.
- \* Can perform tinting work easily more by using excellent heat shrinkage of film.
- \* Beautiful and unique color category. \* No oxidation risk at all.
- \* Minimizes metal components to prevent hi-pass/communication failures compared to other sputter products, and uses the fewest metals.

Item		Unit	Value	Test Method
UV Rejection		%	99	KS L 2514
Visible Light	Transmittance	%	31.8	KS L 2514
	Reflectance (ext.)	%	10.7	
	Reflectance (int.)	%	6.5	
	Absorbance	%	57.5	
Solar Heat	Transmittance	%	28.2	KS L 2514
	Reflectance (ext.)	%	10.3	
	Reflectance (int.)	%	5.4	
	Absorbance	%	61.4	
Infrared Ray	Rejected 950nm	%	80	LS 160
	Rejected 1400nm	%	90	LS 160A
Shading Coefficient			0.56	KS L 2016
U-Value		W/m <sup>2</sup> K	5.80	
TSER		%	55.4	KS L 2514
Thickness		mil	2.0	
Color			Light Green	



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