

**WHAT WE OFFER**  
END TO END INTEGRATED GHS



CONSULTATION  
VISIT



SITE SURVEY



ORDER  
FINALIZATION



ON TIME  
DELIVERY



INSTALLATION



AFTER SALES  
SUPPORT

**GHS ADVANTAGES**



HEAT REJECTION  
UPTO 75%\*



SLASH YOUR  
ELECTRICITY BILLS



ENHANCE COMFORT  
& PRIVACY



UPGRADE  
HOME SAFETY



WARRANTY  
AND MTC\*



VERSATILE SURFACE  
PROTECTION FILMS





## SECURE GUARD 4 MIL

Secure Guard 4 mil film is optically clear, transparent, high impact resistant Polyester Films, which once installed on glass, gives additional strength to glass, reduces glare and prevents glass from splintering on impact.



### WARRANTY

10 years Commercial &  
Limited Lifetime Residential

### CONSTRUCTION:

Thickness	4 mil
Metal	Metal Free
Adhesive	Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

### PREMIUM

### MECHANICAL PERFORMANCE:

TS-PSI	Tensile Strength in PSI	25600
BS	Break Strength in Lbs/in	106
% EB	% Elongation at Break	130
PS	Peel Strength in Gram/in	2500
AR	Abrasion Resistance	5% Haze increase
IT	Impact Test EN 12600	Pass

### SOLAR PERFORMANCE:

VLT	Visible Light Transmittance	90 %
VLR-T	Visible Light Transmittance Tolerance	90 ± 3.0
VLR-E	Visible Light Reflectance Exterior	9 %
VLR-I	Visible Light Reflectance Interior	9 %
TST	Total Solar Transmittance	83 %
TSR	Total Solar Reflectance	6 %
TSA	Total Solar Absorptance	11 %
UT	Ultraviolet Transmission	< 1 %
TSER	Total Solar Energy Rejected	13 %
SC	Shading Coefficient	0.98



## OPTIMA HEAT REJECTION BLACK 60

Optima Heat Rejection Black 60 film is crafted with a primary focus on enhancing film performance. This film stands out for its ability to deliver superior results by utilizing specialized nano dispersion technology. Designed to ensure optimum heat rejection and optical clarity, offering advanced comfort and performance without the use of metalized content.



### WARRANTY

10 years Commercial &  
Limited Lifetime Residential

### CONSTRUCTION:

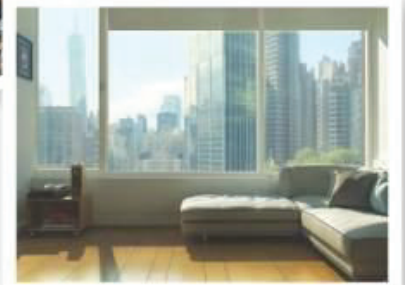
Thickness	2 mil
Metal	Metal Free
Adhesive	Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

### PLATINA

### PERFORMANCE:

VLT	Visible Light Transmittance	62 %
VLR-E	Visible Light Reflectance	8 %
VLR-I	Visible Light Reflectance	9 %
TST	Total Solar Transmittance	42 %
TSR	Total Solar Reflectance	7 %
TSA	Total Solar Absorbance	51 %
UVR	Ultraviolet Rejected	> 99 %
TSER	Total Solar Energy Rejected	44 %
SC	Shading Coefficient	0.65
SHGC	Solar Heat Gain Coefficient	0.56
LE	Luminous Efficacy	0.95
E	Emissivity	0.89
U Factor	BTU/hr-ft <sup>2</sup>	1.03
GR	Glare Reduction	32 %
NIRB	NIR Blocking at 1025 mm	68 ± 3.0%
VLT-T	Visible Light Transmittance Tolerance	62 ± 3.0%



## SPECTRA GLAZE 70 INTERIOR

Spectra Glaze 70 Interior film utilizes cutting-edge nanotechnology, is a sophisticated, multi-layered film. It boasts impressive visual light transmission, coupled with unparalleled heat mitigation properties and low solar absorption. This innovative film effectively diminishes heat, fostering a harmonious ambience within any space. During the sweltering summer season, it significantly eases the burden on air conditioning systems, leading to substantial energy and cost savings.



### WARRANTY

10 years Commercial  
10 years Residential

### CONSTRUCTION:

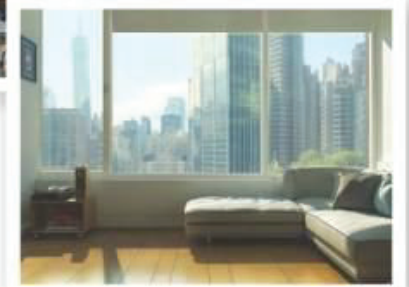
Thickness 2 mil  
Adhesive Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

### PLATINA

### PERFORMANCE:

VLT	Visible Light Transmittance	69 %
VLR-E	Visible Light Reflectance	8 %
VLR-I	Visible Light Reflectance	9 %
TST	Total Solar Transmittance	35 %
TSR	Total Solar Reflectance	29 %
TSA	Total Solar Absorbance	36 %
UVR	Ultraviolet Rejected	> 99 %
TSER	Total Solar Energy Rejected	55 %
SC	Shading Coefficient	0.52
SHGC	Solar Heat Gain Coefficient	0.45
LE	Luminous Efficacy	1.32
GR	Glare Reduction	24 %
NIRB	NIR Blocking	95 ± 3.0%



## DUAL REFLECT PRO CHARCOAL 25

Dual Reflect Pro Charcoal 25 film is engineered to deliver clear vision at night from the inside while ensuring optimal privacy from the outside. This film enhances night views and ensures clear visibility by minimizing interior reflectivity and reducing glare. This film is designed to conserve energy through high levels of Total Solar Energy Rejection, contributing to cooler indoor environments and reduced air conditioning costs. Additionally, it helps reduce the infiltration of harmful electromagnetic waves, making it a smart, health-conscious choice for modern spaces.



### WARRANTY

10 years Commercial &  
Limited Lifetime Residential

### CONSTRUCTION:

Thickness 2 mil  
Adhesive Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

### PLATINA

### PERFORMANCE:

VLT	Visible Light Transmittance	23 %
VLR-E	Visible Light Reflectance	40 %
VLR-I	Visible Light Reflectance	17 %
TST	Total Solar Transmittance	19 %
TSR	Total Solar Reflectance	36 %
TSA	Total Solar Absorbance	45 %
UVR	Ultraviolet Rejected	> 99 %
TSER	Total Solar Energy Rejected	69 %
SC	Shading Coefficient	0.36
SHGC	Solar Heat Gain Coefficient	0.31
LE	Luminous Efficacy	0.64
E	Emissivity	0.68
WMU-V	Winter Median U-Value	1.03 btu/hft <sup>2</sup> F
GR	Glare Reduction	74 %
NIRB	NIR Blocking	74 ± 3.0%



## ULTIMA HEAT REJECTION GREY 70

Ultima Heat Rejection Grey 70 film is crafted with a primary focus on enhancing film performance. This film stands out for its ability to deliver superior results by utilizing specialized nano dispersion technology. Designed to ensure maximum heat rejection and optical clarity, offering advanced comfort and performance without the use of metalized content.



### WARRANTY

10 years Commercial &  
Limited Lifetime Residential

### CONSTRUCTION:

Thickness	2 mil
Metal	Metal Free
Adhesive	Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

### PLATINA

### PERFORMANCE:

VLT	Visible Light Transmittance	69 %
VLR-E	Visible Light Reflectance	8 %
VLR-I	Visible Light Reflectance	9 %
TST	Total Solar Transmittance	38 %
TSR	Total Solar Reflectance	7 %
TSA	Total Solar Absorbance	55 %
UVR	Ultraviolet Rejected	> 99 %
TSER	Total Solar Energy Rejected	47 %
SC	Shading Coefficient	0.61
SHGC	Solar Heat Gain Coefficient	0.53
LE	Luminous Efficacy	1.13
U Factor	BTU/hr-ft <sup>2</sup>	1.06
GR	Glare Reduction	24 %
NIRB	NIR Blocking	85 ± 3.0%



## SECURE PLUS 7 MIL

Secure Plus 7 Mil film is optically clear, transparent, high impact resistant Polyester Films, which once installed on glass, gives additional strength to glass, reduces glare and prevents glass from splintering on impact.



### WARRANTY

10 years Commercial &  
Limited Lifetime Residential

### CONSTRUCTION:

Thickness	7 mil
Metal	Metal Free
Adhesive	Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

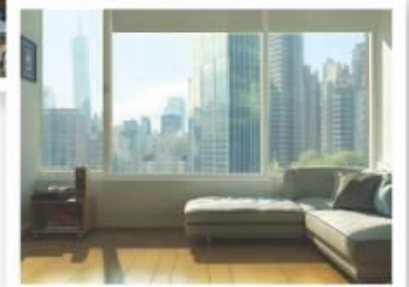
### PLATINA

### MECHANICAL PERFORMANCE:

TS-PSI	Tensile Strength in PSI	27024
BS	Break Strength in Lbs/in	190
% EB	% Elongation at Break	140
PS	Peel Strength in Gram/in	2500
AR	Abrasion Resistance	5% Haze increase
IT	Impact Test EN 12600	Pass

### SOLAR PERFORMANCE:

VLT	Visible Light Transmittance	91 %
VLR-T	Visible Light Transmittance Tolerance	90 ± 3.0
VLR-E	Visible Light Reflectance Exterior	9 %
VLR-I	Visible Light Reflectance Interior	9 %
TST	Total Solar Transmittance	81 %
TSR	Total Solar Reflectance	7 %
TSA	Total Solar Absorptance	12 %
UT	Ultraviolet Transmission	< 1 %
TSER	Total Solar Energy Rejected	15 %
SC	Shading Coefficient	0.98



## DUAL REFLECT PRO CHARCOAL 45

Dual Reflect Pro Charcoal 45 film is engineered to deliver clear vision at night from the inside while ensuring optimal privacy from the outside. This film enhances night views and ensures clear visibility by minimizing interior reflectivity and reducing glare. This film is designed to conserve energy through high levels of Total Solar Energy Rejection, contributing to cooler indoor environments and reduced air conditioning costs. Additionally, it helps reduce the infiltration of harmful electromagnetic waves, making it a smart, health-conscious choice for modern spaces.



### WARRANTY

10 years Commercial &  
Limited Lifetime Residential

### CONSTRUCTION:

Thickness 2 mil  
Adhesive Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

### PLATINA

### PERFORMANCE:

VLT	Visible Light Transmittance	45 %
VLR-E	Visible Light Reflectance	15 %
VLR-I	Visible Light Reflectance	13 %
TST	Total Solar Transmittance	36 %
TSR	Total Solar Reflectance	14 %
TSA	Total Solar Absorbance	50 %
UVR	Ultraviolet Rejected	> 99 %
TSER	Total Solar Energy Rejected	50 %
SC	Shading Coefficient	0.57
SHGC	Solar Heat Gain Coefficient	0.50
LE	Luminous Efficacy	0.79
E	Emissivity	0.75
WMU-V	Winter Median U-Value	1.07 btu/hft <sup>2</sup> F
GR	Glare Reduction	51 %
NIRB	NIR Blocking	60 ± 3.0%



## ULTIMA HEAT REJECTION BLACK 50

Ultima Heat Rejection Black 50 film is crafted with a primary focus on enhancing film performance. This film stands out for its ability to deliver superior results by utilizing specialized nano dispersion technology. Designed to ensure maximum heat rejection and optical clarity, offering advanced comfort and performance without the use of metalized content.



### WARRANTY

10 years Commercial &  
Limited Lifetime Residential

### CONSTRUCTION:

Thickness	2 mil
Metal	Metal Free
Adhesive	Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

### PLATINA

### PERFORMANCE:

VLT	Visible Light Transmittance	49 %
VLR-E	Visible Light Reflectance	8 %
VLR-I	Visible Light Reflectance	9 %
TST	Total Solar Transmittance	23 %
TSR	Total Solar Reflectance	6 %
TSA	Total Solar Absorbance	71 %
UVR	Ultraviolet Rejected	>99%
TSER	Total Solar Energy Rejected	57 %
SC	Shading Coefficient	0.49
SHGC	Solar Heat Gain Coefficient	0.43
LE	Luminous Efficacy	1.00
U Factor	BTU/hr-ft <sup>2</sup>	1.05
GR	Glare Reduction	46 %
NIRB	NIR Blocking	96 ± 3.0%
VLR-T	Visible Light Transmittance Tolerance	50 ± 3.0%



## SPECTRA GLAZE 70 EXTERIOR

Spectra Glaze 70 Exterior film utilizes cutting-edge nanotechnology, is a sophisticated, multi-layered film. It boasts impressive visual light transmission, coupled with unparalleled heat mitigation properties and low solar absorption. This innovative film effectively diminishes heat, fostering a harmonious ambience within any space. During the sweltering summer season, it significantly eases the burden on air conditioning systems, leading to substantial energy and cost savings.



### WARRANTY

7 years Commercial  
7 years Residential

### CONSTRUCTION:

Thickness 3 mil  
Adhesive Pressure Sensitive

Published values are representative of typical production runs and are subject to normal manufacturing tolerances within industry standards.

### PLATINA

### PERFORMANCE:

VLT	Visible Light Transmittance	70 %
VLR-E	Visible Light Reflectance	11 %
VLR-I	Visible Light Reflectance	11 %
TST	Total Solar Transmittance	42 %
TSR	Total Solar Reflectance	22 %
TSA	Total Solar Absorbance	36 %
UVR	Ultraviolet Rejected	> 99 %
TSER	Total Solar Energy Rejected	48 %
SC	Shading Coefficient	0.60
SHGC	Solar Heat Gain Coefficient	0.52
LE	Luminous Efficacy	1.17
GR	Glare Reduction	23 %
NIRB	NIR Blocking	95 ± 3.0%