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## PERFORMANCE DATA

# NIGHTSHADE™

*Solar protection that performs as good as it looks*

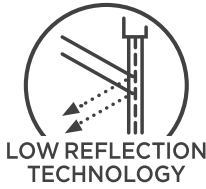
On 3mm clear glass

Product Code	NS05
Film Thickness	1.75 mil
Film Roll Sizes	72" / 60" / 48" / 36" / 24"
Adhesive Chemistry	(Dry) Water Activated
Release Liner Construction	(BOPP) Polypropylene
Total Solar Energy Rejected (T.S.E.R.)	73 %
Visible Light Transmitted (V.L.T.)	5 %
Visible Light Reflected - Interior/Exterior	12 % / 11 %
Solar Energy Reflected	31 %
Solar Energy Transmitted	12 %
Solar Energy Absorbed	57 %
Visible Glare Reduction	95 %
Ultraviolet Protection	99 %
NIR Blocking at 1025nm	86 %
Shading Coefficient (S.C.)	0.31
Solar Heat Gain Coefficient (S.H.G.C.)	0.27
Winter U-Value (W/M <sup>2</sup> K)	5.57
Emissivity (Room side)	0.67
Luminous Efficacy	0.17
Daytime Privacy Rating	High
Warranty	Lifetime Residential / 12 Year Commercial

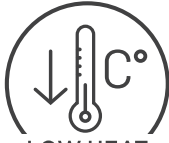
**SMOKE GREY**

Residential & Commercial  
Glass Window Film

**NS05**



LOW REFLECTION TECHNOLOGY



LOW HEAT ABSORPTION



NATURAL INTERNAL VIEW



LOWER ENERGY COSTS



GLARE CONTROL



HIGH DAYTIME PRIVACY



MAXIMUM UV BLOCKING



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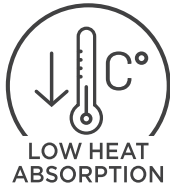
On 3mm clear glass

Product Code	NS10
Film Thickness	1.75 mil
Film Roll Sizes	72" / 60" / 48" / 36" / 24"
Adhesive Chemistry	(Dry) Water Activated
Release Liner Construction	(BOPP) Polypropylene
Total Solar Energy Rejected (T.S.E.R.)	66 %
Visible Light Transmitted (V.L.T.)	10 %
Visible Light Reflected - Interior/Exterior	10 % / 13 %
Solar Energy Reflected	24 %
Solar Energy Transmitted	20 %
Solar Energy Absorbed	56 %
Visible Glare Reduction	90 %
Ultraviolet Protection	99 %
NIR Blocking at 1025nm	76 %
Shading Coefficient (S.C.)	0.40
Solar Heat Gain Coefficient (S.H.G.C.)	0.34
Winter U-Value (W/M <sup>2</sup> K)	5.58
Emissivity (Room side)	0.70
Luminous Efficacy	0.25
Daytime Privacy Rating	High
Warranty	Lifetime Residential / 12 Year Commercial

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**NS10**



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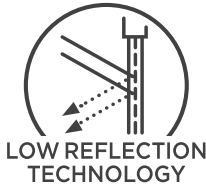
On 3mm clear glass

Product Code	NS15
Film Thickness	1.75 mil
Film Roll Sizes	72" / 60" / 48" / 36" / 24"
Adhesive Chemistry	(Dry) Water Activated
Release Liner Construction	(BOPP) Polypropylene
Total Solar Energy Rejected (T.S.E.R.)	64 %
Visible Light Transmitted (V.L.T.)	15 %
Visible Light Reflected - Interior/Exterior	13 % / 13 %
Solar Energy Reflected	23 %
Solar Energy Transmitted	22 %
Solar Energy Absorbed	55 %
Visible Glare Reduction	85 %
Ultraviolet Protection	99 %
NIR Blocking at 1025nm	76 %
Shading Coefficient (S.C.)	0.42
Solar Heat Gain Coefficient (S.H.G.C.)	0.36
Winter U-Value (W/M <sup>2</sup> K)	5.58
Emissivity (Room side)	0.71
Luminous Efficacy	0.36
Daytime Privacy Rating	High
Warranty	Lifetime Residential / 12 Year Commercial

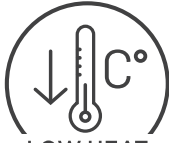
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**NS15**



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## PERFORMANCE DATA

# NIGHTSHADE™

*Solar protection that performs as good as it looks*

On 3mm clear glass

Product Code	NS25
Film Thickness	1.75 mil
Film Roll Sizes	72" / 60" / 48" / 36" / 24"
Adhesive Chemistry	(Dry) Water Activated
Release Liner Construction	(BOPP) Polypropylene
Total Solar Energy Rejected (T.S.E.R.)	59 %
Visible Light Transmitted (V.L.T.)	25 %
Visible Light Reflected - Interior/Exterior	15 % / 12 %
Solar Energy Reflected	22 %
Solar Energy Transmitted	29 %
Solar Energy Absorbed	49 %
Visible Glare Reduction	75 %
Ultraviolet Protection	99 %
NIR Blocking at 1025nm	73 %
Shading Coefficient (S.C.)	0.49
Solar Heat Gain Coefficient (S.H.G.C.)	0.41
Winter U-Value (W/M <sup>2</sup> K)	5.59
Emissivity (Room side)	0.75
Luminous Efficacy	0.51
Daytime Privacy Rating	Good
Warranty	Lifetime Residential / 12 Year Commercial

**SMOKE GREY**

Residential & Commercial  
Glass Window Film

**NS25**

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