

GARWARE  **SUNCONTROL**[®]
WINDOW FILM



Designer & Speciality Films

BOOST AESTHETICS, INCREASE PRIVACY

Whiteboard Film

Film Type	Polyester film
PET film Thickness	150 micron
Adhesive type	Acrylic Solvent based Pressure-Sensitive Adhesive
Liner	Silicon Coated Polyester
Peel Adhesion	2.5 kgs/ 25mm 180° peel
Flammability	Self-Extinguishing
Tensile Strength at Break MD	1500 Kg / cm ²
Elongation at Break MD	Above 125%
Service temperature	-20°C to +50°C
Surface type	Flat



*Disclaimer: All values as applied to 1/8 inch Clear Plate Glass.
Tests are representative of actual production & may vary from batch to batch.*

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Matt Silver

Thickness	2 Mil
Visible Light Transmittance	19%
Visible Light Reflectance	54%
Solar Energy Transmittance	15%
Solar Energy Reflectance	47%
Solar Energy Absorbance	38%
Ultra Violet Transmittance	< 1%
Glare Reduction	79%
Shading Coefficient	0.29
SHGC	0.25
Emissivity	0.70
U Factor (BTU/hr./sq.ft.)	1.05
Total Solar Energy Rejection	75%



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Matt Bronze

Thickness	2 Mil
Visible Light Transmittance	35%
Visible Light Reflectance	9%
Solar Energy Transmittance	43%
Solar Energy Reflectance	11%
Solar Energy Absorbance	46%
Ultra Violet Transmittance	< 1%
Glare Reduction	62%
Shading Coefficient	0.65
SHGC	0.56
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.14
Total Solar Energy Rejection	44%



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Matt Grey

Thickness	2 Mil
Visible Light Transmittance	35%
Visible Light Reflectance	10%
Solar Energy Transmittance	43%
Solar Energy Reflectance	11%
Solar Energy Absorbance	46%
Ultra Violet Transmittance	< 1%
Glare Reduction	62%
Shading Coefficient	0.65
SHGC	0.56
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.14
Total Solar Energy Rejection	44%



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Blackout

Thickness	2.5 Mil
Visible Light Transmittance	0%
Visible Light Reflectance	5%
Solar Energy Transmittance	0%
Solar Energy Reflectance	34%
Solar Energy Absorbance	66%
Ultra Violet Transmittance	< 1%
Glare Reduction	100%
Shading Coefficient	0.21
SHGC	0.18
Emissivity	0.63
U Factor (BTU/hr./sq.ft.)	1
Total Solar Energy Rejection	82%



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Matt White

Thickness	2 Mil
Visible Light Transmittance	66%
Visible Light Reflectance	22%
Solar Energy Transmittance	60%
Solar Energy Reflectance	18%
Solar Energy Absorbance	22%
Ultra Violet Transmittance	< 1%
Glare Reduction	28%
Shading Coefficient	0.76
SHGC	0.66
Emissivity	0.85
U Factor (BTU/hr./sq.ft.)	1.09
Total Solar Energy Rejection	34%



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Blue 20

Thickness	1 Mil
Visible Light Transmittance	23%
Visible Light Reflectance	6%
Solar Energy Transmittance	49%
Solar Energy Reflectance	6%
Solar Energy Absorbance	45%
Ultra Violet Transmittance	< 1%
Glare Reduction	75%
Shading Coefficient	0.71
SHGC	0.61
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.13
Total Solar Energy Rejection	39%



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Yellow 80

Thickness	1 Mil
Visible Light Transmittance	83%
Visible Light Reflectance	7%
Solar Energy Transmittance	72%
Solar Energy Reflectance	6%
Solar Energy Absorbance	22%
Ultra Violet Transmittance	< 1%
Glare Reduction	8%
Shading Coefficient	0.90
SHGC	0.78
Emissivity	0.89
U Factor (BTU/hr./sq.ft.)	1.13
Total Solar Energy Rejection	22%



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2 MIL CW Clear

Thickness	2 Mil
Visible Light Transmittance	89%
Visible Light Reflectance	6%
Solar Energy Transmittance	81%
Solar Energy Reflectance	6%
Solar Energy Absorbance	13%
Ultra Violet Transmittance	< 0.5%
Glare Reduction	2%
Shading Coefficient	0.98
SHGC	0.85
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.15
Total Solar Energy Rejection	15%



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Ice Blind

Thickness	1 Mil
Ultra Violet Transmittance	< 1%



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Ice Line

Thickness _____ 1 Mil

Ultra Violet Transmittance _____ < 1%



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Ice Cube

Thickness _____ 1 Mil

Ultra Violet Transmittance _____ < 1%



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White Out

Thickness	2 Mil
Visible Light Transmittance	8%
Visible Light Reflectance	59%
Solar Energy Transmittance	12%
Solar Energy Reflectance	47%
Solar Energy Absorbance	41%
Ultra Violet Transmittance	< 1%
Glare Reduction	91%
Shading Coefficient	0.27
SHGC	0.23
Emissivity	0.87
U Factor (BTU/hr./sq.ft.)	1.12
Total Solar Energy Rejection	77%



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