

GARWARE  **SUNCONTROL**[®]
WINDOW FILM



Non-Reflective Films

COLOUR STABLE, COOLING FILMS

NR Grey 05

Thickness	1 Mil
Visible Light Transmittance	4%
Visible Light Reflectance	6%
Solar Energy Transmittance	41%
Solar Energy Reflectance	6%
Solar Energy Absorbance	53%
Ultra Violet Transmittance	< 1%
Glare Reduction	96%
Shading Coefficient	0.64
SHGC	0.56
Emissivity	0.85
U Factor (BTU/hr./sq.ft.)	1.12
Total Solar Energy Rejection	44%



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

COLOUR STABLE, COOLING FILMS

NR Grey 20

Thickness	1 Mil
Visible Light Transmittance	22%
Visible Light Reflectance	5%
Solar Energy Transmittance	49%
Solar Energy Reflectance	6%
Solar Energy Absorbance	45%
Ultra Violet Transmittance	< 1%
Glare Reduction	76%
Shading Coefficient	0.72
SHGC	0.62
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.13
Total Solar Energy Rejection	38%



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NR Grey 35

Thickness	1 Mil
Visible Light Transmittance	35%
Visible Light Reflectance	6%
Solar Energy Transmittance	54%
Solar Energy Reflectance	7%
Solar Energy Absorbance	39%
Ultra Violet Transmittance	< 1%
Glare Reduction	62%
Shading Coefficient	0.76
SHGC	0.65
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.14
Total Solar Energy Rejection	35%



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COLOUR STABLE, COOLING FILMS

NR Grey 50

Thickness	1 Mil
Visible Light Transmittance	50%
Visible Light Reflectance	6%
Solar Energy Transmittance	58%
Solar Energy Reflectance	7%
Solar Energy Absorbance	35%
Ultra Violet Transmittance	< 1%
Glare Reduction	45%
Shading Coefficient	0.78
SHGC	0.68
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.14
Total Solar Energy Rejection	32%



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NR Grey 70

Thickness	1 Mil
Visible Light Transmittance	70%
Visible Light Reflectance	7%
Solar Energy Transmittance	70%
Solar Energy Reflectance	9%
Solar Energy Absorbance	21%
Ultra Violet Transmittance	< 1%
Glare Reduction	23%
Shading Coefficient	0.87
SHGC	0.76
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.13
Total Solar Energy Rejection	24%



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COLOUR STABLE, COOLING FILMS

NR Charcoal 06

Thickness	1 Mil
Visible Light Transmittance	6%
Visible Light Reflectance	6%
Solar Energy Transmittance	45%
Solar Energy Reflectance	7%
Solar Energy Absorbance	48%
Ultra Violet Transmittance	< 1%
Glare Reduction	93%
Shading Coefficient	0.67
SHGC	0.58
Emissivity	0.85
U Factor (BTU/hr./sq.ft.)	1.12
Total Solar Energy Rejection	42%



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NR Charcoal 20

Thickness	1 Mil
Visible Light Transmittance	21%
Visible Light Reflectance	5%
Solar Energy Transmittance	45%
Solar Energy Reflectance	6%
Solar Energy Absorbance	49%
Ultra Violet Transmittance	< 1%
Glare Reduction	77%
Shading Coefficient	0.68
SHGC	0.58
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.15
Total Solar Energy Rejection	42%



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COLOUR STABLE, COOLING FILMS

NR Charcoal 35

Thickness	1 Mil
Visible Light Transmittance	35%
Visible Light Reflectance	6%
Solar Energy Transmittance	53%
Solar Energy Reflectance	7%
Solar Energy Absorbance	40%
Ultra Violet Transmittance	< 1%
Glare Reduction	62%
Shading Coefficient	0.75
SHGC	0.64
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.12
Total Solar Energy Rejection	36%



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NR Charcoal 20

Thickness	1 Mil
Visible Light Transmittance	21%
Visible Light Reflectance	5%
Solar Energy Transmittance	45%
Solar Energy Reflectance	6%
Solar Energy Absorbance	49%
Ultra Violet Transmittance	< 1%
Glare Reduction	77%
Shading Coefficient	0.68
SHGC	0.58
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.15
Total Solar Energy Rejection	42%



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NR Charcoal 35

Thickness	1 Mil
Visible Light Transmittance	35%
Visible Light Reflectance	6%
Solar Energy Transmittance	53%
Solar Energy Reflectance	7%
Solar Energy Absorbance	40%
Ultra Violet Transmittance	< 1%
Glare Reduction	62%
Shading Coefficient	0.75
SHGC	0.64
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.12
Total Solar Energy Rejection	36%



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NR Green 50

Thickness	1 Mil
Visible Light Transmittance	53%
Visible Light Reflectance	7%
Solar Energy Transmittance	60%
Solar Energy Reflectance	7%
Solar Energy Absorbance	33%
Ultra Violet Transmittance	< 1%
Glare Reduction	42%
Shading Coefficient	0.80
SHGC	0.69
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.14
Total Solar Energy Rejection	31%



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NR Bronze 15

Thickness	1 Mil
Visible Light Transmittance	17%
Visible Light Reflectance	6%
Solar Energy Transmittance	46%
Solar Energy Reflectance	6%
Solar Energy Absorbance	48%
Ultra Violet Transmittance	< 1%
Glare Reduction	81%
Shading Coefficient	0.68
SHGC	0.59
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.13
Total Solar Energy Rejection	41%



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NR Bronze 35 SRC

Thickness	1 Mil
Visible Light Transmittance	30%
Visible Light Reflectance	6%
Solar Energy Transmittance	48%
Solar Energy Reflectance	7%
Solar Energy Absorbance	45%
Ultra Violet Transmittance	< 1%
Glare Reduction	67%
Shading Coefficient	0.71
SHGC	0.61
Emissivity	0.86
U Factor (BTU/hr./sq.ft.)	1.14
Total Solar Energy Rejection	39%



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