



SUNGATE CRYSTAL 50

Construction

Ply	3
Mil Thickness	1.5

Performance Specifications Glass Thickness 1/8"

Solar Energy Transmitted %	44
Solar Energy Absorbed %	48
Solar Energy Reflected %	8
Visible Light Transmitted %	52
Visible Light Reflected % - Interior	10
Visible Light Reflected % - Exterior	9
Ultraviolet Rejected %	99
Shading Coefficient	.66
Solar Heat Reduction %	34
Total Solar Energy Rejected %	43
Glare Reduction %	42
Emissivity	.85
U-Value	1.11



Selecting The Correct Film

To select the best possible film for your particular application, please reference the Film-To-Glass Installation Guidance Chart, GWF Catalog #4050. The most current version of this chart can always be viewed within the "Warranties" section of the GWF website.

Details about film selection for a particular application is explained in the booklet titled, Thermal Shock Fracture & Insulated Glass Unit Seal Failure, GWF Catalog #4070.

Important

Data created from testing of film installed on 1/8" thick clear float glass.
Data is representative of actual production.
Batch to batch variations are within industry standards.





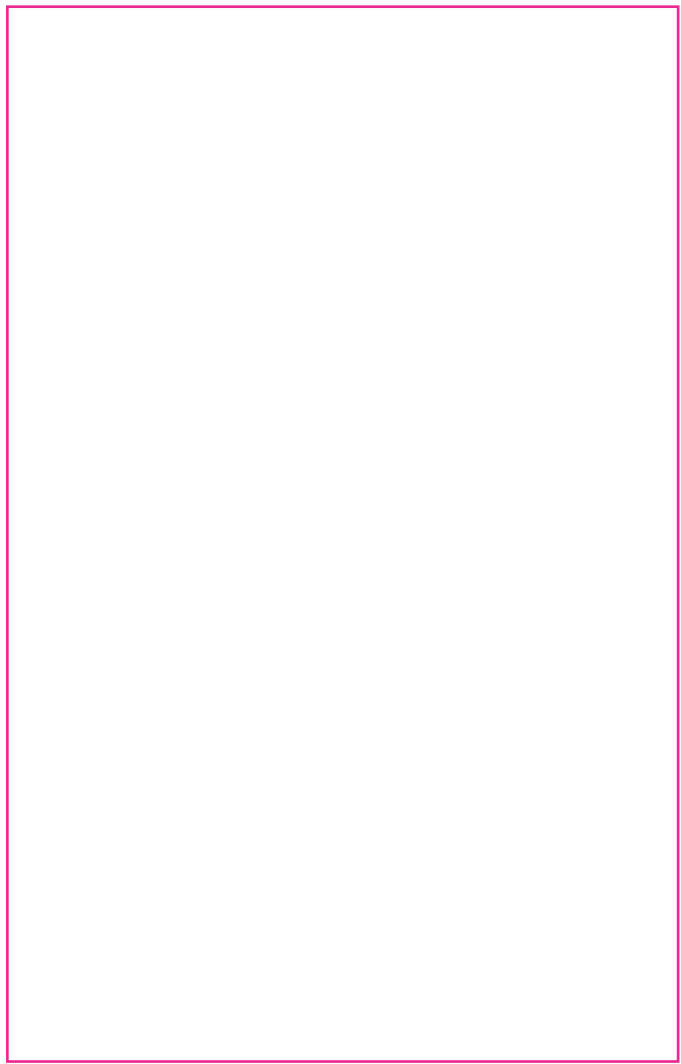
SUNGATE CRYSTAL 35

Construction

Ply	3
Mil Thickness	1.5

Performance Specifications Glass Thickness 1/8"

Solar Energy Transmitted %	33
Solar Energy Absorbed %	60
Solar Energy Reflected %	7
Visible Light Transmitted %	42
Visible Light Reflected % - Interior	9
Visible Light Reflected % - Exterior	8
Ultraviolet Rejected %	99
Shading Coefficient	.59
Solar Heat Reduction %	41
Total Solar Energy Rejected %	50
Glare Reduction %	53
Emissivity	.86
U-Value	1.12



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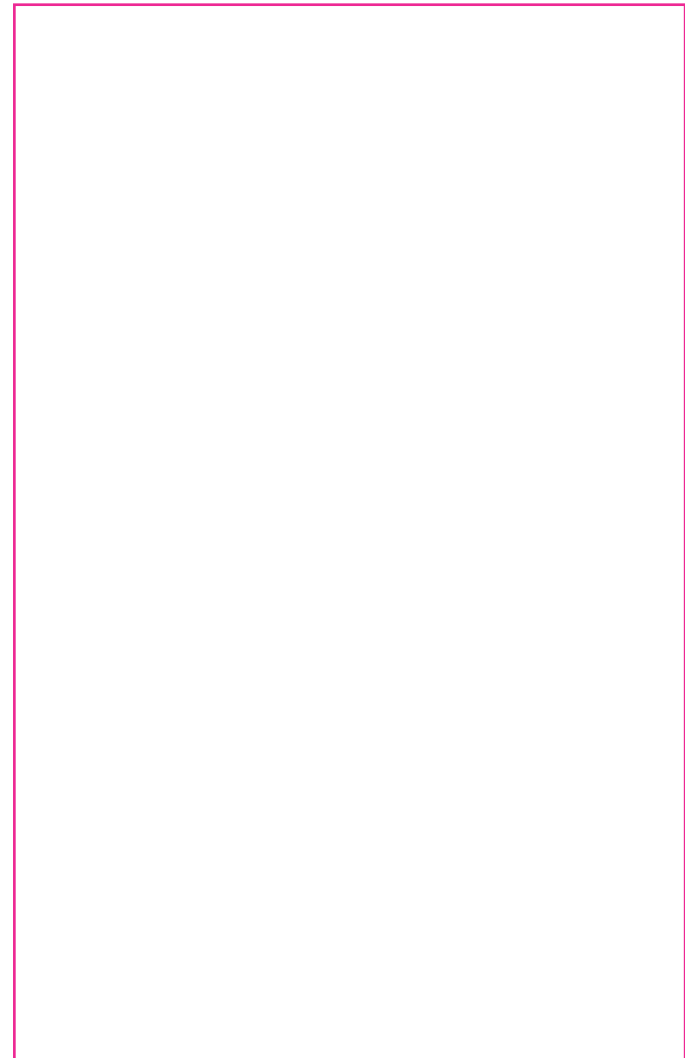
SUNGATE CRYSTAL 20

Construction

Ply	3
Mil Thickness	1.5

Performance Specifications Glass Thickness 1/8"

Solar Energy Transmitted %	14
Solar Energy Absorbed %	72
Solar Energy Reflected %	14
Visible Light Transmitted %	21
Visible Light Reflected % - Interior	14
Visible Light Reflected % - Exterior	13
Ultraviolet Rejected %	99
Shading Coefficient	.40
Solar Heat Reduction %	60
Total Solar Energy Rejected %	65
Glare Reduction %	77
Emissivity	.81
U-Value	1.10



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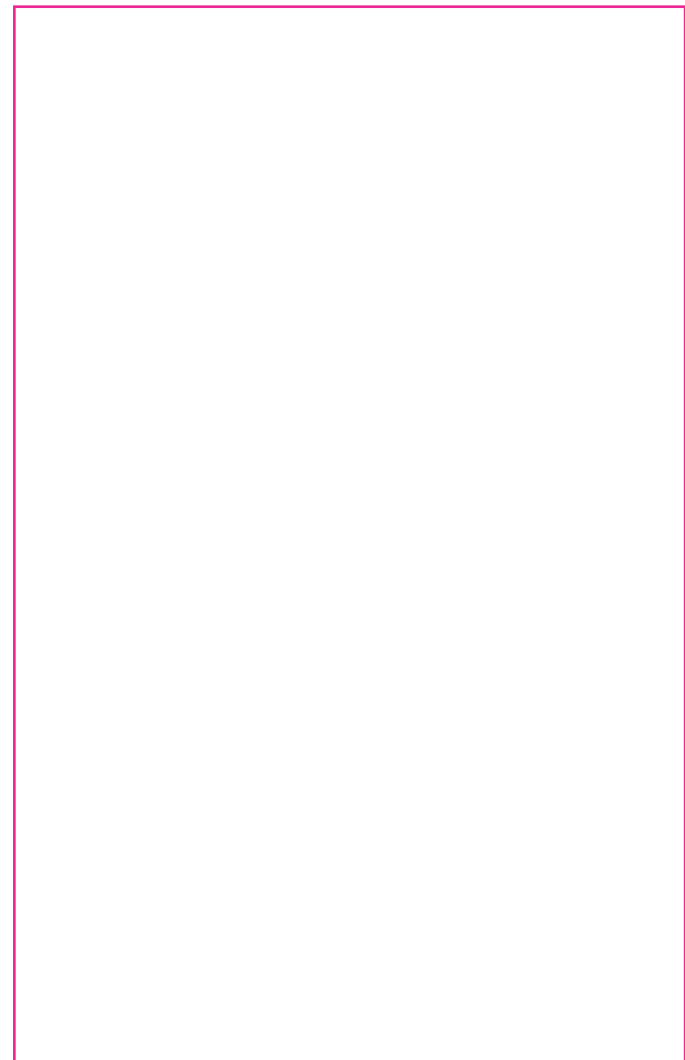
SUNGATE ALOX 50

Construction

Ply	2
Mil Thickness	1.5

Performance Specifications Glass Thickness 1/8"

Solar Energy Transmitted %	45
Solar Energy Absorbed %	44
Solar Energy Reflected %	11
Visible Light Transmitted %	55
Visible Light Reflected % - Interior	9
Visible Light Reflected % - Exterior	10
Ultraviolet Rejected %	99
Shading Coefficient	.67
Solar Heat Reduction %	33
Total Solar Energy Rejected %	43
Glare Reduction %	39
Emissivity	.84
U-Value	1.11



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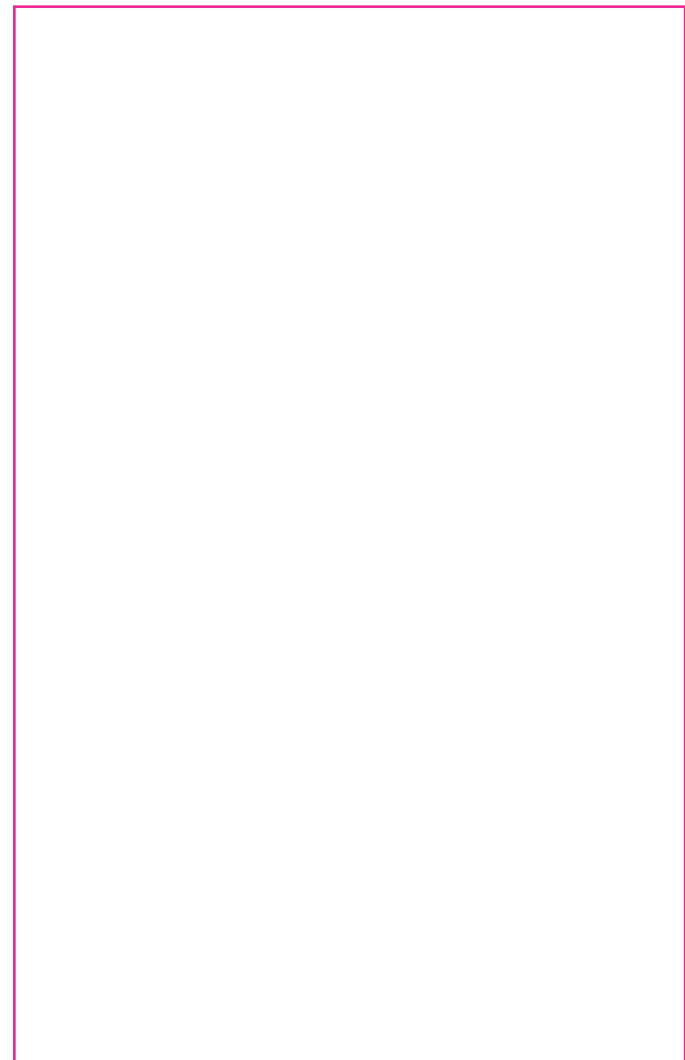
SUNGATE ALOX 35

Construction

Ply	3
Mil Thickness	1.5

Performance Specifications Glass Thickness 1/8"

Solar Energy Transmitted %	27
Solar Energy Absorbed %	55
Solar Energy Reflected %	18
Visible Light Transmitted %	36
Visible Light Reflected % - Interior	11
Visible Light Reflected % - Exterior	15
Ultraviolet Rejected %	99
Shading Coefficient	.50
Solar Heat Reduction %	50
Total Solar Energy Rejected %	57
Glare Reduction %	60
Emissivity	.86
U-Value	1.12



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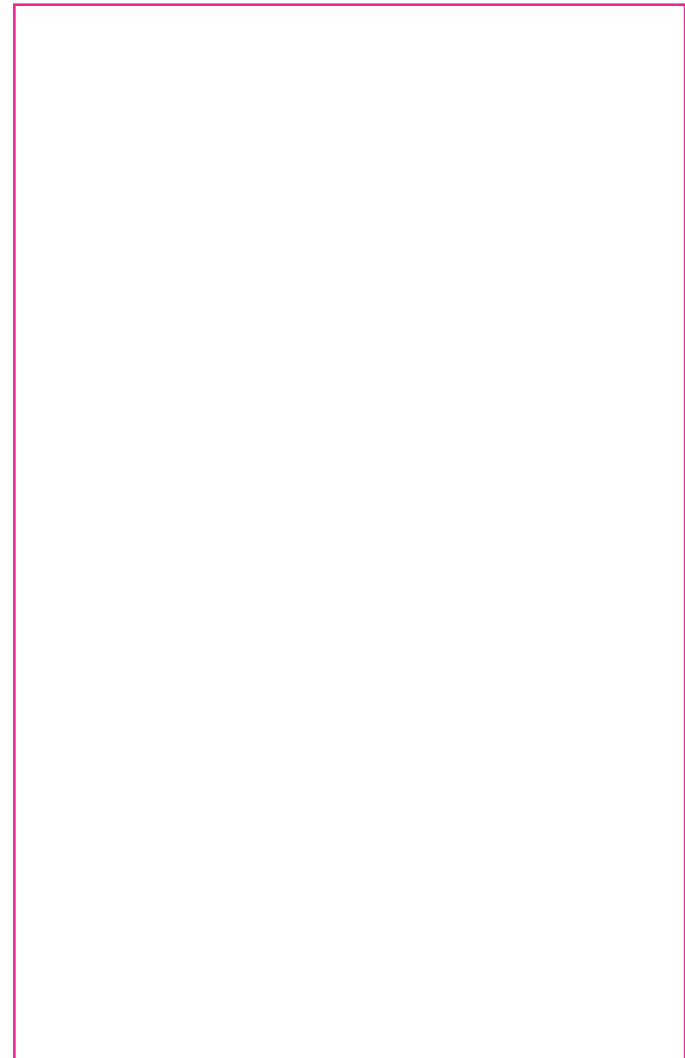
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Mil Thickness	1.5

Performance Specifications Glass Thickness 1/8"

Solar Energy Transmitted %	18
Solar Energy Absorbed %	71
Solar Energy Reflected %	11
Visible Light Transmitted %	25
Visible Light Reflected % - Interior	10
Visible Light Reflected % - Exterior	10
Ultraviolet Rejected %	99
Shading Coefficient	.45
Solar Heat Reduction %	55
Total Solar Energy Rejected %	61
Glare Reduction %	72
Emissivity	.85
U-Value	1.11



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