

Clear Float Glass



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Thin Float Glass

AFG clear float glass brings the scenic beauty of the outdoors into homes, offices, apartment complexes, schools, hospitals, or shopping malls. The exceptional clarity of AFG clear float glass makes it ideal for a wide range of applications. So when aesthetics and performance are key criterion, the advantages of AFG float glass are crystal clear.



Heavy Float Glass

AFG's heavy float glass is ideal for furniture, table tops, store fronts, and many other architectural applications. Beauty, versatility and performance provide an aesthetically pleasing product for both residential and commercial markets.



Dimensions and Descriptions^{(1) (2)}

AFG Thin Float	Thickness and Tolerances	Max. Std. Sizes	Average Net Wt. Lbs./Sq. Ft.	Average Visible Light Transmittance %	U-Value BTU/Hr./Sq. Ft./°F		Shading Coefficient	Solar Heat Gain Coefficient	Solar Transmittance %
					Winter	Summer			
Mirror	1/4" .219"-.244"	96" x 120"	2.9	89	1.09	1.02	.96	.83	79
Glazing	SS .085"-.101"	72" X 84"	1.1	91	1.12	1.03	1.03	.88	87
	Lami .102"-.114"	60" x 96"	1.4	91	1.11	1.03	1.02	.88	86
	1/8" .115"-.134"	96" x 130"	1.6	90	1.11	1.03	1.01	.87	85
	5/32" .149"-.165"	96" x 130"	2.0	90	1.10	1.02	1.00	.86	84
	3/16" .180"-.199"	130" x 204"	2.4	89	1.10	1.02	.99	.85	82
	1/4" .219"-.244"	130" x 204"	2.9	88	1.09	1.02	.96	.83	79

AFG Heavy Float	Thickness and Tolerances	Max. Std. Sizes	Average Net Wt. Lbs./Sq. Ft.	Average Visible Light Transmittance %	U-Value BTU/Hr./Sq. Ft./°F		Shading Coefficient	Solar Heat Gain Coefficient	Solar Transmittance %
					Winter	Summer			
Glazing	3/8" .355"-.406	130" x 204"	4.8	86	1.06	1.02	.91	.78	72
	1/2" .469-.538	130" X 204"	6.3	84	1.04	1.01	.87	.75	68

(1) Performance values are based on representative production samples. Actual values may differ due to variations in the manufacturing process.

(2) Performance data calculated using LBNL Window 4.1.