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Look Beyond®



Comfort Ti AC23™ from AFG.
The energy savings deserve a look.



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AFG Glass • P.O. Box 929 • Kingsport, TN 37662 • www.afglass.com



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Comfort Ti-AC23™ is a new low emissivity glass designed to maximize solar control and air conditioning efficiency in Sun Belt regions while maintaining a very attractive appearance. This next-generation low-emissivity product is the newest product innovation from industry leader AFG Glass.

With a solar heat gain coefficient of 0.23—among the lowest in the industry—the newest member of AFG's Comfort Ti™ family of low-emissivity (low-e) sputter-coated glasses is ideal for climates where air conditioning is the primary year-round energy concern. Comfort Ti-AC23, with its combination of low reflectivity, excellent light absorbing properties, and its ability to block the sun's most warming wavelengths of energy, provides one of the highest light-to-solar-gain ratios of 1.74 when deposited on clear glass. The product is ideal for coastal regions as it meets Turtle Code specifications. (<0.45 Visible Transmittance). Its unique combination of powerful solar control with a "neutral look" makes Comfort Ti-AC23 an ideal solution for a range of residential and commercial applications where heat-gain, glare, and aesthetics are a concern.

AFG Comfort Ti-AC23 Performance Data

Glass Thickness	Air Space	Winter U-value		Summer U-value		% Transmittance			% Reflectance			Shading Coefficient	SHGC	RHG	
		Air	Argon	Air	Argon	Visible	Solar	UV	Vis out	Vis in	Solar			Air	Argon
SGL	1/2"	0.30	0.24	0.28	0.22	41	20	20	11	11	34	0.27	0.24	59	56
1/8"	1/2"	0.30	0.24	0.28	0.22	40	19	19	12	11	33	0.27	0.23	58	55
5/32"	1/2"	0.29	0.24	0.28	0.22	40	19	17	12	11	31	0.27	0.23	58	55
3/16"	1/2"	0.29	0.24	0.28	0.22	39	18	16	13	11	29	0.27	0.24	58	56
1/4"	1/2"	0.29	0.24	0.28	0.22	38	18	16	13	11	27	0.27	0.23	58	55

All values are for center of glass and were obtained using LBNL's Window 5.2 software
All make-ups are Comfort Ti-AC23 outboard (coating on surface #2), 1/2" air space, and Clear inboard



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