

International Window 7223 1" Insulating Glass Unit Performance												
Awning w/Steel Spacer	U-Factors						SHGC			Visible Light		
	Air fill	With Argon	Sculptured Grid	Sculptured Grid with Argon	1/8" x 3/4" Grid	1/8" x 3/4" Grid with Argon		Sculptured Grid	1/8" x 3/4" Grid		Sculptured Grid	1/8" x 3/4" Grid
DS clear/ DS clear	0.59	0.57	0.59	0.57	0.59	0.57	0.51	0.47	0.47	0.53	0.48	0.48
3/16 clear/ 3/16 clear	0.58	0.57	0.58	0.57	0.58	0.57	0.49	0.45	0.45	0.52	0.47	0.47
1/4 clear/ 1/4 clear	0.58	0.57	0.58	0.57	0.58	0.56	0.48	0.43	0.43	0.51	0.46	0.46
DS EnergyShield™/ DS clear	0.48	0.45	0.48	0.45	0.48	0.45	0.27	0.25	0.25	0.47	0.42	0.42
3/16 EnergyShield™/ 3/16 clear	0.47	0.44	0.47	0.44	0.47	0.44	0.27	0.25	0.25	0.46	0.42	0.42
1/4 EnergyShield™/ 1/4 clear	0.47	0.44	0.47	0.44	0.47	0.44	0.25	0.23	0.23	0.44	0.39	0.39
DS EnergyShield Xtreme™/ DS clear	0.47	0.44	0.47	0.44	0.47	0.44	0.20	0.18	0.18	0.42	0.38	0.38
3/16 EnergyShield Xtreme™/ 3/16 clear	0.47	0.44	0.47	0.44	0.47	0.44	0.20	0.18	0.18	0.41	0.37	0.37
1/4 EnergyShield Xtreme™/ 1/4 clear	0.46	0.44	0.46	0.44	0.49	0.44	0.20	0.18	0.18	0.34	0.31	0.31
DS bronze/ DS clear	0.59	0.57	0.59	0.57	0.59	0.57	0.42	0.35	0.39	0.39	0.32	0.36
3/16 bronze/ 3/16 clear	0.58	0.57	0.58	0.57	0.58	0.57	0.38	0.31	0.35	0.34	0.27	0.31
1/4 bronze/ 1/4 clear	0.58	0.57	0.58	0.57	0.58	0.56	0.48	0.29	0.32	0.31	0.25	0.28
1/4 Solarcool/ 1/4 clear	0.58	0.57	0.58	0.57	0.58	0.56	0.22	0.19	0.20	0.12	0.10	0.11
3/16 grey/ 3/16 clear	0.58	0.57	0.58	0.57	0.58	0.57	0.35	0.29	0.32	0.29	0.24	0.26
1/4 grey/ 1/4 clear	0.58	0.57	0.58	0.57	0.58	0.56	0.32	0.26	0.29	0.26	0.21	0.23
3/16 greylite # 31/ 3/16 clear	0.58	0.57	0.58	0.57	0.58	0.57	0.18	0.15	0.17	0.08	0.06	0.07
DS Azuria/ DS clear	0.59	0.57	0.59	0.57	0.59	0.57	0.33	0.28	0.30	0.45	0.36	0.41
3/16 Azuria/ 3/16 clear	0.58	0.57	0.58	0.57	0.58	0.57	0.29	0.25	0.27	0.42	0.34	0.38
1/4 Azuria/ 1/4 clear	0.58	0.57	0.58	0.57	0.58	0.56	0.28	0.23	0.25	0.39	0.32	0.36
DS bronze/ DS EnergyShield™	0.48	0.45	0.48	0.45	0.48	0.45	0.26	0.21	0.23	0.33	0.27	0.30
3/16 bronze/ 3/16 EnergyShield™	0.47	0.44	0.47	0.44	0.47	0.44	0.24	0.20	0.22	0.30	0.23	0.27
1/4 bronze/ 1/4 EnergyShield™	0.47	0.44	0.47	0.44	0.47	0.44	0.22	0.19	0.20	0.26	0.21	0.24
3/16 grey/ 3/16 EnergyShield™	0.47	0.44	0.47	0.44	0.47	0.44	0.22	0.18	0.20	0.26	0.20	0.24
1/4 grey/ 1/4 EnergyShield™	0.47	0.44	0.47	0.44	0.47	0.44	0.20	0.17	0.18	0.22	0.18	0.20
DS Azuria/ DS EnergyShield™	0.48	0.45	0.48	0.45	0.48	0.45	0.25	0.21	0.23	0.38	0.31	0.35
3/16 Azuria/ 3/16 EnergyShield™	0.47	0.44	0.47	0.44	0.47	0.44	0.23	0.19	0.21	0.37	0.29	0.34
1/4 Azuria/ 1/4 EnergyShield™	0.47	0.44	0.47	0.44	0.47	0.44	0.22	0.19	0.20	0.34	0.27	0.30
1/4 Solexia/ 1/4 EnergyShield™	0.47	0.44	0.47	0.44	0.47	0.44	0.25	0.21	0.23	0.38	0.31	0.34

U-Value is the overall coefficient of heat transmittance of heat flow measured in BTU/hr.*ft2*°F. Lower U-Values indicate better performance. Winter nighttime U-Values are calculated using an outdoor air temperature of 0°F and indoor air temperature of 70°F.

Solar Heat Gain Coefficient is defined that fraction of incident solar radiation that actually enters a building through the window as heat gain. The SHGC is expressed as a dimensionless number from 0 to 1.0 A high coefficient signifies high heat gain, while a low number means low heat gain.

Visible Transmittance is the amount of light in the visible portion of the spectrum that passes through a glazing material. This property does not directly affect heating and cooling loads in a building.

Clear glass - includes all non-tinted pattern glass, i.e. Obscure, Rain, Delta Frost
 EnergyShield™ spectrally selective Low-E with emissivity 0.036
 EnergyShield Xtreme™ spectrally selective Low-E with emissivity 0.024