

International Window 6222/23 3/4" Insulating Glass Unit Performance												
Picture Window with 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
	SS clear/ SS clear	0.56	0.54	0.56	0.54	0.56	0.54	0.72	0.65	0.65	0.76	0.68
DS clear/ DS clear	0.56	0.53	0.56	0.54	0.56	0.54	0.70	0.63	0.63	0.75	0.67	0.67
3/16 clear/ 3/16 clear	0.57	0.55	0.60	0.57	0.60	0.57	0.67	0.60	0.60	0.74	0.66	0.66
SS EnergyShield™/ SS clear	0.40	0.36	0.40	0.36	0.40	0.36	0.34	0.31	0.31	0.64	0.58	0.58
DS EnergyShield™/ DS clear	0.40	0.36	0.40	0.36	0.40	0.36	0.34	0.31	0.31	0.64	0.58	0.58
3/16 EnergyShield™/ 3/16 clear	0.42	0.37	0.42	0.37	0.42	0.37	0.34	0.31	0.31	0.63	0.57	0.57
SS EnergyShield Xtreme™/ SS clear	0.40	0.35	0.40	0.35	0.40	0.35	0.25	0.23	0.23	0.58	0.52	0.52
DS EnergyShield Xtreme™/ DS clear	0.40	0.35	0.40	0.35	0.40	0.35	0.25	0.23	0.23	0.57	0.52	0.52
3/16 EnergyShield Xtreme™/ 3/16 clear	0.41	0.37	0.41	0.37	0.41	0.37	0.26	0.23	0.23	0.57	0.51	0.51
SS bronze/ SS clear	0.56	0.54	0.56	0.54	0.56	0.54	0.63	0.57	0.57	0.62	0.56	0.56
DS bronze/ DS clear	0.56	0.53	0.56	0.54	0.56	0.54	0.57	0.52	0.52	0.56	0.50	0.50
3/16 bronze/ 3/16 clear	0.57	0.55	0.60	0.57	0.60	0.57	0.51	0.46	0.46	0.48	0.43	0.43
3/16 Solarcool/ 3/16 clear	0.57	0.55	0.60	0.57	0.60	0.57	0.31	0.28	0.28	0.19	0.17	0.17
DS grey/ DS clear	0.56	0.53	0.56	0.54	0.56	0.54	0.54	0.48	0.48	0.50	0.45	0.45
3/16 grey/ 3/16 clear	0.57	0.55	0.60	0.57	0.60	0.57	0.47	0.42	0.42	0.42	0.37	0.37
DS greylite # 31/ DS clear	0.56	0.53	0.56	0.54	0.56	0.54	0.29	0.27	0.27	0.20	0.18	0.18
SS Azuria/ SS clear	0.56	0.54	0.56	0.54	0.56	0.54	0.51	0.46	0.46	0.68	0.61	0.61
DS Azuria/ DS clear	0.56	0.53	0.56	0.54	0.56	0.54	0.45	0.41	0.41	0.64	0.58	0.58
3/16 Azuria/ 3/16 clear	0.57	0.55	0.60	0.57	0.60	0.57	0.40	0.36	0.36	0.59	0.53	0.53
DS bronze/ DS EnergyShield™	0.40	0.36	0.40	0.36	0.40	0.36	0.34	0.31	0.31	0.47	0.43	0.43
3/16 bronze/ 3/16 EnergyShield™	0.42	0.37	0.42	0.37	0.42	0.37	0.31	0.28	0.28	0.41	0.37	0.37
DS grey/ DS EnergyShield™	0.40	0.36	0.40	0.36	0.40	0.36	0.32	0.29	0.29	0.43	0.38	0.38
3/16 grey/ 3/16 EnergyShield™	0.42	0.37	0.42	0.37	0.42	0.37	0.29	0.26	0.26	0.35	0.32	0.32
DS Azuria/ DS EnergyShield™	0.40	0.36	0.40	0.36	0.40	0.36	0.33	0.30	0.30	0.55	0.49	0.49
3/16 Azuria/ 3/16 EnergyShield™	0.42	0.37	0.42	0.37	0.42	0.37	0.31	0.28	0.28	0.50	0.45	0.45
3/16 Solexia/ 3/16 EnergyShield™	0.42	0.37	0.42	0.37	0.42	0.37	0.35	0.32	0.32	0.56	0.50	0.50

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