

International Window 5820 3/4" Insulating Glass Unit Performance												
Sliding Door w/Steel Spacer	U-Factors						SHGC			Visible Light		
				Sculpture d Grid with Argon	1/8" x 3/4" Grid	1/8" x 3/4" Grid with Argon					Sculpture d Grid	1/8" x 3/4" Grid
	Air fill	With Argon	Sculpture d Grid					Sculpture d Grid	1/8" x 3/4" Grid			
1/8 clear/ 1/8 clear	0.47	0.45	0.47	0.45	0.47	0.45	0.66	0.51	0.58	0.69	0.52	0.60
3/16 clear/ 3/16 clear	0.49	0.46	0.52	0.49	0.52	0.49	0.63	0.49	0.56	0.67	0.52	0.59
1/4 clear/ 1/4 clear	0.52	0.49	0.55	0.51	0.55	0.51	0.61	0.48	0.54	0.67	0.51	0.59
1/8 EnergyShield™/ 1/8 clear	0.33	0.29	0.33	0.29	0.33	0.29	0.33	0.26	0.29	0.60	0.46	0.53
3/16 EnergyShield™/ 3/16 clear	0.35	0.30	0.40	0.35	0.40	0.35	0.33	0.26	0.29	0.59	0.45	0.52
1/4 EnergyShield™/ 1/4 clear	0.41	0.36	0.45	0.39	0.45	0.39	0.33	0.26	0.29	0.59	0.45	0.52
1/8 EnergyShield Xtreme™/ 1/8 clear	0.32	0.28	0.32	0.28	0.32	0.28	0.23	0.19	0.21	0.54	0.41	0.47
3/16 EnergyShield Xtreme™/ 3/16 clear	0.35	0.30	0.40	0.35	0.40	0.35	0.24	0.19	0.21	0.53	0.41	0.47
1/4 EnergyShield Xtreme™/ 1/4 clear	0.41	0.35	0.45	0.39	0.45	0.39	0.24	0.19	0.21	0.54	0.41	0.47
3/16 bronze/ 3/16 clear	0.49	0.46	0.52	0.49	0.52	0.49	0.47	0.37	0.42	0.44	0.34	0.39
1/4 bronze/ 1/4 clear	0.52	0.49	0.55	0.51	0.55	0.51	0.44	0.34	0.39	0.40	0.30	0.35
1/4 Solarcool/ 1/4 clear	0.52	0.49	0.55	0.51	0.55	0.51	0.27	0.21	0.24	0.15	0.12	0.14
3/16 grey/ 3/16 clear	0.49	0.46	0.52	0.49	0.52	0.49	0.43	0.33	0.38	0.38	0.29	0.33
1/4 grey/ 1/4 clear	0.52	0.49	0.55	0.51	0.55	0.51	0.39	0.31	0.35	0.33	0.25	0.29
1/8 greylite # 31/ 3/16 clear	0.47	0.45	0.47	0.45	0.47	0.45	0.27	0.21	0.24	0.18	0.14	0.16
3/16 Azuria/ 3/16 clear	0.49	0.46	0.52	0.49	0.52	0.49	0.36	0.28	0.32	0.54	0.41	0.47
1/4 Azuria/ 1/4 clear	0.52	0.49	0.55	0.51	0.55	0.51	0.34	0.27	0.30	0.51	0.39	0.45
3/16 bronze/ 3/16 EnergyShield™	0.35	0.30	0.40	0.35	0.40	0.35	0.29	0.23	0.26	0.39	0.30	0.34
1/4 bronze/ 1/4 EnergyShield™	0.41	0.36	0.45	0.39	0.45	0.39	0.28	0.22	0.25	0.35	0.27	0.31
3/16 grey/ 3/16 EnergyShield™	0.35	0.30	0.40	0.35	0.40	0.35	0.27	0.21	0.24	0.34	0.26	0.29
1/4 grey/ 1/4 EnergyShield™	0.41	0.36	0.45	0.39	0.45	0.39	0.26	0.20	0.23	0.29	0.23	0.26
3/16 Azuria/ 3/16 EnergyShield™	0.35	0.30	0.40	0.35	0.40	0.35	0.28	0.22	0.25	0.48	0.37	0.42
1/4 Azuria/ 1/4 EnergyShield™	0.41	0.36	0.45	0.39	0.45	0.39	0.28	0.22	0.25	0.45	0.35	0.40
1/4 Solexia/ 1/4 EnergyShield™	0.41	0.36	0.45	0.39	0.45	0.39	0.32	0.25	0.28	0.51	0.39	0.45

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

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Sliding Door w/Xtreme 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
				0.44	0.46	0.44					0.52	0.52
1/8 clear/ 1/8 clear	0.46	0.44	0.46	0.44	0.46	0.44	0.66	0.51	0.58	0.69	0.52	0.60
3/16 clear/ 3/16 clear	0.48	0.45	0.51	0.48	0.51	0.48	0.63	0.49	0.56	0.67	0.52	0.59
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