

International Window 7880 1" Insulating Glass Unit Performance												
Sliding Door w/Steel Spacer	U-Factors						SHGC			Visible Light		
	Air fill	With Argon	Sculpture d Grid	Sculpture d Grid with Argon	DS" x 3/4" Grid	DS" x 3/4" Grid with Argon		Sculpture d Grid	DS" x 3/4" Grid		Sculpture d Grid	DS" x 3/4" Grid
DS clear/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.60	0.47	0.53	0.63	0.48	0.55
3/16 clear/ 3/16 clear	0.67	0.65	0.67	0.65	0.67	0.65	0.58	0.45	0.51	0.62	0.47	0.54
1/4 clear/ 1/4 clear	0.66	0.65	0.66	0.65	0.66	0.65	0.56	0.44	0.50	0.62	0.47	0.54
DS EnergyShield™/ DS clear	0.55	0.51	0.55	0.51	0.55	0.51	0.31	0.25	0.28	0.54	0.41	0.47
3/16 EnergyShield™/ 3/16 clear	0.54	0.51	0.54	0.51	0.54	0.51	0.31	0.25	0.28	0.54	0.41	0.47
1/4 EnergyShield™/ 1/4 clear	0.54	0.50	0.54	0.50	0.54	0.50	0.31	0.25	0.28	0.53	0.40	0.46
DS EnergyShield Xtreme™/ DS clear	0.54	0.51	0.54	0.51	0.54	0.51	0.23	0.19	0.21	0.48	0.36	0.42
3/16 EnergyShield Xtreme™/ 3/16 clear	0.54	0.50	0.54	0.50	0.54	0.50	0.23	0.19	0.21	0.47	0.36	0.41
1/4 EnergyShield Xtreme™/ 1/4 clear	0.53	0.50	0.53	0.50	0.53	0.50	0.24	0.19	0.21	0.47	0.35	0.41
DS bronze/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.50	0.39	0.44	0.47	0.36	0.41
3/16 bronze/ 3/16 clear	0.67	0.65	0.67	0.65	0.67	0.65	0.45	0.35	0.40	0.41	0.31	0.36
5/32 Solarcool/ 3/16 clear	0.67	0.65	0.67	0.65	0.67	0.65	0.29	0.23	0.26	0.17	0.13	0.15
DS grey/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.47	0.36	0.41	0.42	0.32	0.37
3/16 grey/ 3/16 clear	0.67	0.65	0.67	0.65	0.67	0.65	0.41	0.32	0.36	0.35	0.27	0.31
DS greylite # 31/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.48	0.37	0.43	0.58	0.44	0.51
DS Azuria/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.39	0.31	0.35	0.54	0.41	0.47
3/16 Azuria/ 3/16 clear	0.67	0.65	0.67	0.65	0.67	0.65	0.34	0.27	0.31	0.50	0.38	0.44
DS bronze/ DS EnergyShield™	0.55	0.51	0.55	0.51	0.55	0.51	0.31	0.25	0.28	0.40	0.31	0.35
3/16 bronze/ 3/16 EnergyShield™	0.54	0.51	0.54	0.51	0.54	0.51	0.28	0.22	0.25	0.35	0.27	0.31
1/4 bronze/ 1/4 EnergyShield™	0.54	0.50	0.54	0.50	0.54	0.50	0.27	0.21	0.24	0.32	0.24	0.28
DS grey/ DS EnergyShield™	0.55	0.51	0.55	0.51	0.55	0.51	0.29	0.23	0.26	0.36	0.28	0.32
3/16 grey/ 3/16 EnergyShield™	0.54	0.51	0.54	0.51	0.54	0.51	0.26	0.21	0.23	0.30	0.23	0.26
1/4 grey/ 1/4 EnergyShield™	0.54	0.50	0.54	0.50	0.54	0.50	0.24	0.19	0.22	0.27	0.20	0.23
DS Azuria/ DS EnergyShield™	0.55	0.51	0.55	0.51	0.55	0.51	0.30	0.24	0.27	0.47	0.35	0.41
3/16 Azuria/ 3/16 EnergyShield™	0.54	0.51	0.54	0.51	0.54	0.51	0.27	0.22	0.24	0.43	0.33	0.38
1/4 Azuria/ 1/4 EnergyShield™	0.54	0.50	0.54	0.50	0.54	0.50	0.26	0.21	0.23	0.41	0.31	0.36
3/16 Solexia/ 3/16 EnergyShield™	0.54	0.51	0.54	0.51	0.54	0.51	0.31	0.25	0.28	0.48	0.36	0.42
1/4 Solexia/ 1/4 EnergyShield™	0.54	0.50	0.54	0.50	0.54	0.50	0.30	0.24	0.27	0.46	0.35	0.40
DS EnergyShield Xtreme™/ DS ILE	0.49	0.47	0.49	0.47	0.49	0.47	0.23	0.20	0.20	0.47	0.41	0.41
3/16 EnergyShield Xtreme™/ 3/16 ILE	0.49	0.47	0.49	0.47	0.49	0.47	0.23	0.20	0.20	0.46	0.40	0.40
1/4 EnergyShield Xtreme™/ 1/4 ILE	0.49	0.46	0.49	0.46	0.49	0.46	0.23	0.20	0.20	0.46	0.40	0.40

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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		With Argon	Sculptured Grid	Sculptured Grid with Argon	DS" x 3/4" Grid	3/4" Grid with Argon		Sculptured Grid	DS" x 3/4" Grid		Sculptured Grid	DS" x 3/4" Grid
	Air fill											
DS clear/ DS clear	0.67	0.65	0.67	0.65	0.67	0.65	0.60	0.47	0.53	0.63	0.48	0.55
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