

<b>International Window 8220 3/4" Insulating Glass Unit Performance</b>												
<b>Picture Window w/Steel Spacer</b>												
	<b>U-Factors</b>						<b>SHGC</b>			<b>Visible Light</b>		
	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	0.51	0.49	0.51	0.49	0.51	0.49	0.71	0.57	0.64	0.74	0.59	0.67
DS clear/ DS clear	0.51	0.49	0.51	0.49	0.51	0.49	0.68	0.55	0.62	0.73	0.59	0.66
3/16 clear/ 3/16 clear	0.50	0.48	0.50	0.48	0.50	0.48	0.65	0.53	0.59	0.72	0.58	0.65
SS EnergyShield™/ SS clear	0.36	0.31	0.36	0.31	0.36	0.31	0.35	0.29	0.32	0.63	0.51	0.57
DS EnergyShield™/ DS clear	0.35	0.31	0.35	0.31	0.35	0.31	0.35	0.29	0.32	0.63	0.51	0.57
3/16 EnergyShield™/ 3/16 clear	0.35	0.31	0.35	0.31	0.35	0.31	0.34	0.28	0.31	0.62	0.50	0.56
SS EnergyShield Xtreme™/ SS clear	0.36	0.31	0.36	0.31	0.36	0.31	0.26	0.21	0.23	0.56	0.45	0.50
DS EnergyShield Xtreme™/ DS clear	0.35	0.31	0.35	0.31	0.35	0.31	0.25	0.21	0.23	0.56	0.45	0.50
3/16 EnergyShield Xtreme™/ 3/16 clear	0.35	0.31	0.35	0.31	0.35	0.31	0.25	0.21	0.23	0.55	0.44	0.49
DS bronze/ DS clear	0.51	0.49	0.51	0.49	0.51	0.49	0.56	0.46	0.51	0.54	0.44	0.49
3/16 bronze/ 3/16 clear	0.50	0.48	0.50	0.48	0.50	0.48	0.50	0.41	0.45	0.47	0.38	0.42
1/4 Solarcool/ 3/16 clear	0.50	0.48	0.50	0.48	0.50	0.48	0.28	0.23	0.26	0.17	0.13	0.15
DS grey/ DS clear	0.51	0.49	0.51	0.49	0.51	0.49	0.52	0.42	0.47	0.49	0.39	0.44
3/16 grey/ 3/16 clear	0.50	0.48	0.50	0.48	0.50	0.48	0.45	0.37	0.41	0.41	0.33	0.37
DS greylite # 31/ DS clear	0.51	0.49	0.51	0.49	0.51	0.49	0.29	0.24	0.26	0.19	0.15	0.17
DS Azuria/ DS clear	0.51	0.49	0.51	0.49	0.51	0.49	0.44	0.36	0.39	0.63	0.50	0.56
3/16 Azuria/ 3/16 clear	0.50	0.48	0.50	0.48	0.50	0.48	0.38	0.31	0.35	0.58	0.46	0.52
DS bronze/ DS EnergyShield™	0.35	0.31	0.35	0.31	0.35	0.31	0.35	0.28	0.31	0.47	0.37	0.42
3/16 bronze/ 3/16 EnergyShield™	0.35	0.31	0.35	0.31	0.35	0.31	0.31	0.26	0.28	0.41	0.33	0.36
DS grey/ DS EnergyShield™	0.35	0.31	0.35	0.31	0.35	0.31	0.32	0.27	0.29	0.42	0.34	0.38
3/16 grey/ 3/16 EnergyShield™	0.35	0.31	0.35	0.31	0.35	0.31	0.28	0.23	0.26	0.35	0.28	0.31
DS Azuria/ DS EnergyShield™	0.35	0.31	0.35	0.31	0.35	0.31	0.33	0.27	0.30	0.54	0.43	0.48
3/16 Azuria/ 3/16 EnergyShield™	0.35	0.31	0.35	0.31	0.35	0.31	0.30	0.25	0.27	0.50	0.40	0.45
3/16 Solexia/ 3/16 EnergyShield™	0.35	#N/A	0.35	#N/A	0.35	#N/A	0.35	0.28	0.31	0.55	0.44	0.50
DS EnergyShield Xtreme™/ DS ILE	0.29	0.26	0.29	0.26	0.29	0.26	0.25	0.22	0.22	0.54	0.49	0.49
3/16 EnergyShield Xtreme™/ 3/16 ILE	0.29	0.26	0.29	0.26	0.29	0.26	0.25	0.22	0.22	0.53	0.48	0.48

U-Value is the overall coefficient of heat transmittance of heat flow measured in BTU/hr.\* ft<sup>2</sup>°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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