

International Window 6222 3/4" Insulating Glass Unit Performance												
Single Hung 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
SS clear/ SS clear	0.64	0.62	0.65	0.62	0.64	0.62	0.68	0.55	0.62	0.71	0.56	0.63
DS clear/ DS clear	0.64	0.62	0.65	0.62	0.64	0.62	0.66	0.53	0.60	0.70	0.56	0.63
3/16 clear/ 3/16 clear	0.66	0.64	0.69	0.66	0.69	0.66	0.63	0.51	0.57	0.69	0.55	0.62
SS EnergyShield™/ SS clear	0.50	0.46	0.51	0.47	0.50	0.46	0.34	0.28	0.31	0.60	0.48	0.54
DS EnergyShield™/ DS clear	0.50	0.46	0.52	0.47	0.50	0.46	0.34	0.28	0.31	0.60	0.48	0.54
3/16 EnergyShield™/ 3/16 clear	0.53	0.48	0.58	0.52	0.58	0.52	0.34	0.28	0.31	0.59	0.47	0.53
SS EnergyShield Xtreme™/ SS clear	0.50	0.46	0.51	0.47	0.50	0.46	0.25	0.21	0.23	0.53	0.43	0.48
DS EnergyShield Xtreme™/ DS clear	0.49	0.46	0.51	0.47	0.49	0.46	0.25	0.21	0.23	0.53	0.42	0.47
3/16 EnergyShield Xtreme™/ 3/16 clear	0.53	0.48	0.57	0.52	0.57	0.52	0.26	0.21	0.24	0.52	0.42	0.47
DS bronze/ SS clear	0.64	0.62	0.65	0.62	0.64	0.62	0.55	0.45	0.50	0.52	0.42	0.47
DS bronze/ DS clear	0.64	0.62	0.65	0.62	0.64	0.62	0.54	0.44	0.49	0.52	0.41	0.46
3/16 bronze/ 3/16 clear	0.66	0.64	0.69	0.66	0.69	0.66	0.49	0.40	0.44	0.45	0.36	0.40
DS grey/ DS clear	0.64	0.62	0.65	0.62	0.64	0.62	0.51	0.41	0.46	0.47	0.37	0.42
3/16 grey/ 3/16 clear	0.66	0.64	0.69	0.66	0.69	0.66	0.44	0.36	0.40	0.39	0.31	0.35
DS greylite # 31/ DS clear	0.64	0.62	0.65	0.62	0.64	0.62	0.28	0.23	0.26	0.18	0.15	0.16
DS Azuria/ SS clear	0.64	0.62	0.65	0.62	0.64	0.62	0.43	0.35	0.39	0.60	0.48	0.54
DS Azuria/ DS clear	0.64	0.62	0.65	0.62	0.64	0.62	0.43	0.35	0.39	0.60	0.48	0.54
3/16 Azuria/ 3/16 clear	0.66	0.64	0.69	0.66	0.69	0.66	0.38	0.31	0.34	0.55	0.44	0.49
DS bronze/ SS EnergyShield™	0.50	0.46	0.51	0.47	0.50	0.46	0.34	0.28	0.31	0.45	0.36	0.40
DS bronze/ DS EnergyShield™	0.50	0.46	0.52	0.47	0.50	0.46	0.34	0.28	0.31	0.44	0.36	0.40
3/16 bronze/ 3/16 EnergyShield™	0.53	0.48	0.58	0.52	0.58	0.52	0.31	0.26	0.28	0.39	0.31	0.35
DS grey/ DS EnergyShield™	0.50	0.46	0.52	0.47	0.50	0.46	0.32	0.26	0.29	0.40	0.32	0.36
3/16 grey/ 3/16 EnergyShield™	0.53	0.48	0.58	0.52	0.58	0.52	0.29	0.24	0.26	0.33	0.27	0.30
DS Azuria/ SS EnergyShield™	0.50	0.46	0.51	0.47	0.50	0.46	0.32	0.27	0.30	0.52	0.41	0.46
DS Azuria/ DS EnergyShield™	0.50	0.46	0.52	0.47	0.50	0.46	0.32	0.27	0.30	0.51	0.41	0.46
3/16 Azuria/ 3/16 EnergyShield™	0.53	0.48	0.58	0.52	0.58	0.52	0.30	0.25	0.28	0.48	0.38	0.43
3/16 Solexia/ 3/16 EnergyShield™	0.53	0.48	0.58	0.52	0.58	0.52	0.35	0.28	0.31	0.53	0.42	0.47
SS EnergyShield Xtreme™/ DS ILE	0.45	0.41	0.45	0.41	0.45	0.41	0.25	0.22	0.22	0.52	0.46	0.46
DS EnergyShield Xtreme™/ DS ILE	0.45	0.41	0.45	0.41	0.45	0.41	0.25	0.22	0.22	0.52	0.46	0.46
3/16 EnergyShield Xtreme™/ 3/16 ILE	0.47	0.43	0.50	0.46	0.50	0.46	0.25	0.23	0.23	0.51	0.46	0.46

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