

International Window 6222 3/4" Insulating Glass Unit Performance												
Casement (Aluminum 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	0.71	0.69	0.71	0.69	0.71	0.69	0.59	0.49	0.54	0.61	0.50	0.55
DS clear/ DS clear	0.71	0.69	0.71	0.69	0.71	0.69	0.57	0.48	0.53	0.60	0.49	0.54
3/16 clear/ 3/16 clear	0.73	0.70	0.75	0.72	0.75	0.72	0.55	0.46	0.50	0.59	0.48	0.54
SS EnergyShield/ SS clear	0.59	0.55	0.60	0.56	0.59	0.55	0.29	0.25	0.27	0.52	0.43	0.47
DS EnergyShield/ DS clear	0.59	0.55	0.60	0.56	0.59	0.55	0.29	0.25	0.27	0.51	0.42	0.47
3/16 EnergyShield/ 3/16 clear	0.61	0.57	0.65	0.61	0.65	0.61	0.29	0.24	0.27	0.50	0.41	0.46
SS EnergyShield Xtreme/ SS clear	0.58	0.55	0.59	0.56	0.58	0.55	0.22	0.19	0.21	0.40	0.33	0.37
DS EnergyShield Xtreme/ DS clear	0.58	0.55	0.59	0.56	0.58	0.55	0.22	0.19	0.21	0.40	0.33	0.36
3/16 EnergyShield Xtreme/ 3/16 clear	0.61	0.57	0.65	0.61	0.65	0.61	0.23	0.19	0.21	0.40	0.32	0.36
SS bronze/ SS clear	0.71	0.69	0.71	0.69	0.71	0.69	0.52	0.43	0.47	0.49	0.41	0.45
DS bronze/ DS clear	0.71	0.69	0.71	0.69	0.71	0.69	0.47	0.40	0.43	0.45	0.37	0.40
3/16 bronze/ 3/16 clear	0.73	0.70	0.75	0.72	0.75	0.72	0.42	0.36	0.39	0.39	0.32	0.35
3/16 Solarcool/ 3/16 clear	0.73	0.70	0.75	0.72	0.75	0.72	0.29	0.24	0.26	0.15	0.13	0.14
SS grey/ SS clear	0.71	0.69	0.71	0.69	0.71	0.69	0.45	0.37	0.41	0.40	0.33	0.37
DS grey/ DS clear	0.71	0.69	0.71	0.69	0.71	0.69	0.44	0.37	0.41	0.40	0.33	0.36
3/16 grey/ 3/16 clear	0.73	0.70	0.75	0.72	0.75	0.72	0.39	0.33	0.36	0.33	0.27	0.30
DS greylite # 31/ DS clear	0.71	0.69	0.71	0.69	0.71	0.69	0.36	0.30	0.33	0.20	0.17	0.18
SS Azurelite/ SS clear	0.71	0.69	0.71	0.69	0.71	0.69	0.42	0.35	0.39	0.55	0.45	0.50
DS Azurelite/ DS clear	0.71	0.69	0.71	0.69	0.71	0.69	0.37	0.31	0.34	0.51	0.42	0.47
3/16 Azurelite/ 3/16 clear	0.73	0.70	0.75	0.72	0.75	0.72	0.33	0.28	0.30	0.48	0.39	0.43
SS bronze/ SS EnergyShield	0.59	0.55	0.60	0.56	0.59	0.55	0.31	0.26	0.28	0.42	0.35	0.38
DS bronze/ DS EnergyShield	0.59	0.55	0.60	0.56	0.59	0.55	0.29	0.24	0.26	0.38	0.31	0.35
3/16 bronze/ 3/16 EnergyShield	0.61	0.57	0.65	0.61	0.65	0.61	0.26	0.22	0.24	0.33	0.27	0.30
SS grey/ SS EnergyShield	0.59	0.55	0.60	0.56	0.59	0.55	0.27	0.23	0.25	0.35	0.28	0.31
DS grey/ DS EnergyShield	0.59	0.55	0.60	0.56	0.59	0.55	0.29	0.24	0.26	0.38	0.31	0.35
3/16 grey/ 3/16 EnergyShield	0.61	0.57	0.65	0.61	0.65	0.61	0.24	0.21	0.22	0.29	0.23	0.26
SS Azurelite/ SS EnergyShield	0.59	0.55	0.60	0.56	0.59	0.55	0.30	0.25	0.28	0.47	0.38	0.42
DS Azurelite/ DS EnergyShield	0.59	0.55	0.60	0.56	0.59	0.55	0.28	0.24	0.26	0.44	0.36	0.40
3/16 Azurelite/ 3/16 EnergyShield	0.61	0.57	0.65	0.61	0.65	0.61	0.26	0.22	0.24	0.41	0.33	0.37
3/16 Solex/ 3/16 EnergyShield	0.61	0.57	0.65	0.61	0.65	0.61	0.28	0.24	0.26	0.45	0.37	0.41

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.