

International Window 6222 3/4" Insulating Glass Unit Performance												
Horizontal Slide Aluminum Spacer	U-Value Residential Only						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	0.67	0.64	0.66	0.64	0.67	0.64	0.67	0.54	0.61	0.70	0.56	0.63
DS clear/ DS clear	0.67	0.64	0.66	0.64	0.67	0.64	0.65	0.53	0.59	0.69	0.55	0.62
3/16 clear/ 3/16 clear	0.68	0.66	0.71	0.68	0.71	0.68	0.62	0.50	0.56	0.68	0.54	0.61
SS EnergyShield/ SS clear	0.52	0.48	0.53	0.49	0.52	0.48	0.32	0.27	0.29	0.60	0.48	0.54
DS EnergyShield/ DS clear	0.52	0.48	0.53	0.49	0.52	0.48	0.32	0.27	0.29	0.59	0.47	0.53
3/16 EnergyShield/ 3/16 clear	0.55	0.50	0.60	0.55	0.60	0.55	0.32	0.26	0.29	0.58	0.46	0.52
SS EnergyShield Xtreme/ SS clear	0.52	0.48	0.53	0.49	0.52	0.48	0.25	0.20	0.22	0.47	0.37	0.42
DS EnergyShield Xtreme/ DS clear	0.52	0.48	0.53	0.49	0.52	0.48	0.25	0.20	0.23	0.46	0.37	0.41
3/16 EnergyShield Xtreme/ 3/16 clear	0.55	0.50	0.60	0.55	0.60	0.55	0.25	0.21	0.23	0.45	0.36	0.41
SS bronze/ SS clear	0.67	0.64	0.66	0.64	0.67	0.64	0.59	0.48	0.53	0.57	0.45	0.51
DS bronze/ DS clear	0.67	0.64	0.66	0.64	0.67	0.64	0.54	0.44	0.48	0.51	0.41	0.46
3/16 bronze/ 3/16 clear	0.68	0.66	0.71	0.68	0.71	0.68	0.48	0.39	0.43	0.44	0.35	0.40
3/16 Solarcool/ 3/16 clear	0.68	0.66	0.71	0.68	0.71	0.68	0.32	0.26	0.29	0.18	0.14	0.16
SS grey/ SS clear	0.67	0.64	0.66	0.64	0.67	0.64	0.50	0.41	0.45	0.47	0.37	0.42
DS grey/ DS clear	0.67	0.64	0.66	0.64	0.67	0.64	0.50	0.41	0.45	0.46	0.37	0.41
3/16 grey/ 3/16 clear	0.68	0.66	0.71	0.68	0.71	0.68	0.44	0.35	0.39	0.38	0.31	0.34
DS greylite # 31/ DS clear	0.67	0.64	0.66	0.64	0.67	0.64	0.40	0.33	0.37	0.23	0.19	0.21
SS Azurelite/ SS clear	0.67	0.64	0.66	0.64	0.67	0.64	0.48	0.39	0.43	0.63	0.50	0.56
DS Azurelite/ DS clear	0.67	0.64	0.66	0.64	0.67	0.64	0.42	0.34	0.38	0.59	0.47	0.53
3/16 Azurelite/ 3/16 clear	0.68	0.66	0.71	0.68	0.71	0.68	0.37	0.30	0.33	0.55	0.44	0.49
SS bronze/ SS EnergyShield	0.52	0.48	0.53	0.49	0.52	0.48	0.34	0.28	0.31	0.49	0.39	0.44
DS bronze/ DS EnergyShield	0.52	0.48	0.53	0.49	0.52	0.48	0.32	0.26	0.29	0.44	0.35	0.39
3/16 bronze/ 3/16 EnergyShield	0.55	0.50	0.60	0.55	0.60	0.55	0.29	0.24	0.27	0.38	0.30	0.34
SS grey/ SS EnergyShield	0.52	0.48	0.53	0.49	0.52	0.48	0.30	0.25	0.27	0.40	0.32	0.36
DS grey/ DS EnergyShield	0.52	0.48	0.53	0.49	0.52	0.48	0.32	0.26	0.29	0.44	0.35	0.39
3/16 grey/ 3/16 EnergyShield	0.55	0.50	0.60	0.55	0.60	0.55	0.27	0.22	0.25	0.33	0.26	0.29
SS Azurelite/ SS EnergyShield	0.52	0.48	0.53	0.49	0.52	0.48	0.33	0.27	0.30	0.54	0.43	0.48
DS Azurelite/ DS EnergyShield	0.52	0.48	0.53	0.49	0.52	0.48	0.31	0.26	0.28	0.51	0.40	0.46
3/16 Azurelite/ 3/16 EnergyShield	0.55	0.50	0.60	0.55	0.60	0.55	0.29	0.24	0.27	0.47	0.37	0.42
3/16 Solex/ 3/16 EnergyShield	0.55	0.50	0.60	0.55	0.60	0.55	0.31	0.26	0.28	0.52	0.41	0.46

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.