

International Window 6220 3/4" Insulating Glass Unit Performance												
Picture Window w/ steel 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	Sculptured Grid	1/8" x 3/4" Grid
SS clear/ SS clear	0.55	0.53	0.55	0.53	0.55	0.53	0.73	0.59	0.66	0.76	0.61	0.69
DS clear/ DS clear	0.55	0.53	0.56	0.54	0.55	0.53	0.70	0.57	0.63	0.75	0.61	0.68
3/16 clear/ 3/16 clear	0.57	0.54	0.60	0.57	0.60	0.57	0.67	0.55	0.61	0.74	0.60	0.67
SS EnergyShield/ SS clear	0.39	0.35	0.39	0.35	0.39	0.35	0.34	0.28	0.31	0.65	0.52	0.59
DS EnergyShield/ DS clear	0.39	0.35	0.41	0.37	0.39	0.35	0.34	0.28	0.31	0.65	0.52	0.58
3/16 EnergyShield/ 3/16 clear	0.42	0.37	0.46	0.41	0.46	0.41	0.34	0.28	0.31	0.63	0.51	0.57
SS EnergyShield Xtreme/ SS clear	0.39	0.35	0.39	0.35	0.39	0.35	0.26	0.22	0.24	0.51	0.41	0.46
DS EnergyShield Xtreme/ DS clear	0.39	0.35	0.41	0.36	0.39	0.35	0.26	0.22	0.24	0.50	0.41	0.45
3/16 EnergyShield Xtreme/ 3/16 clear	0.41	0.36	0.46	0.41	0.46	0.41	0.26	0.22	0.24	0.50	0.40	0.45
SS bronze/ SS clear	0.55	0.53	0.55	0.53	0.55	0.53	0.63	0.51	0.57	0.62	0.50	0.56
DS bronze/ DS clear	0.55	0.53	0.56	0.54	0.55	0.53	0.58	0.47	0.52	0.56	0.45	0.50
3/16 bronze/ 3/16 clear	0.57	0.54	0.60	0.57	0.60	0.57	0.51	0.42	0.46	0.48	0.39	0.44
3/16 Solarcool/ 3/16 clear	0.57	0.54	0.60	0.57	0.60	0.57	0.34	0.28	0.31	0.19	0.15	0.17
SS grey/ SS clear	0.55	0.53	0.56	0.54	0.55	0.53	0.54	0.44	0.49	0.51	0.41	0.46
DS grey/ DS clear	0.55	0.53	0.56	0.54	0.55	0.53	0.54	0.44	0.49	0.50	0.41	0.45
3/16 grey/ 3/16 clear	0.57	0.54	0.60	0.57	0.60	0.57	0.47	0.38	0.42	0.42	0.34	0.38
DS greylite # 31/ DS clear	0.55	0.53	0.56	0.54	0.55	0.53	0.43	0.35	0.39	0.25	0.21	0.23
SS Azurelite/ SS clear	0.55	0.53	0.55	0.53	0.55	0.53	0.51	0.42	0.46	0.68	0.55	0.62
DS Azurelite/ DS clear	0.55	0.53	0.56	0.54	0.55	0.53	0.45	0.37	0.41	0.65	0.52	0.58
3/16 Azurelite/ 3/16 clear	0.57	0.54	0.60	0.57	0.60	0.57	0.39	0.32	0.36	0.60	0.48	0.54
SS bronze/ SS EnergyShield	0.39	0.35	0.39	0.35	0.39	0.35	0.37	0.30	0.33	0.53	0.43	0.48
DS bronze/ DS EnergyShield	0.39	0.35	0.39	0.35	0.39	0.35	0.34	0.28	0.31	0.48	0.39	0.43
3/16 bronze/ 3/16 EnergyShield	0.42	0.37	0.46	0.41	0.46	0.41	0.31	0.26	0.28	0.41	0.33	0.37
SS grey/ SS EnergyShield	0.39	0.35	0.39	0.35	0.39	0.35	0.32	0.26	0.29	0.43	0.35	0.39
DS grey/ DS EnergyShield	0.39	0.35	0.39	0.35	0.39	0.35	0.34	0.28	0.31	0.48	0.39	0.43
3/16 grey/ 3/16 EnergyShield	0.42	0.37	0.46	0.41	0.46	0.41	0.29	0.24	0.26	0.36	0.29	0.32
SS Azurelite/ SS EnergyShield	0.39	0.35	0.39	0.35	0.39	0.35	0.36	0.29	0.32	0.59	0.47	0.53
DS Azurelite/ DS EnergyShield	0.39	0.35	0.39	0.35	0.39	0.35	0.33	0.27	0.30	0.55	0.45	0.50
3/16 Azurelite/ 3/16 EnergyShield	0.42	0.37	0.46	0.41	0.46	0.41	0.31	0.26	0.28	0.51	0.41	0.46
3/16 Solex/ 3/16 EnergyShield	0.42	0.37	0.46	0.41	0.46	0.41	0.33	0.27	0.30	0.56	0.45	0.51

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.