



## Insulating Glass Data

Please Note: Comfort E2 is a pyrolytic product of AFG Industries, Inc.

Glass	Glass Thickness	Air Space Thickness	U-Factor				Transmittance (%)			Shading Coefficient		Solar Heat Gain Coefficient
			Winter		Summer		UV	Visible	Solar	Air	Argon	
			Air	Argon	Air	Argon						
Dual Glazed Clear/Clear	SS	1/4	.57	.52	.61	.57	63	83	77	.92	.93	.80
	SS	1/2	.50	.46	.54	.52	63	83	77	.93	.93	.80
	1/8"	1/4	.57	.52	.61	.57	58	82	74	.90	.90	.78
	1/8"	1/2	.49	.46	.55	.52	58	82	74	.90	.91	.78
	3/16"	1/4	.56	.51	.61	.57	51	80	69	.87	.87	.75
	3/16"	1/2	.49	.46	.55	.52	51	80	69	.87	.87	.75
	1/4"	1/4	.56	.51	.62	.58	50	78	64	.83	.84	.72
Dual Glazed Comfort-E2 with Clear (3)	SS	1/4	.46	.38	.51	.43	47	76	62	.84	.85	.73
	SS	1/2	.35	.31	.38	.33	47	76	62	.86	.86	.74
	1/8"	1/4	.46	.38	.51	.43	44	76	60	.83	.83	.71
	1/8"	1/2	.35	.30	.38	.33	44	76	60	.84	.84	.72
	3/16"	1/4	.45	.38	.51	.43	40	74	56	.80	.81	.69
	3/16"	1/2	.35	.30	.38	.33	40	74	56	.81	.82	.70
	1/4"	1/4	.45	.38	.50	.43	39	73	53	.77	.78	.67
Dual Glazed Comfort-E2 with Bronze (3)	SS	1/4	.46	.38	.51	.44	30	62	49	.70	.71	.61
	SS	1/2	.35	.30	.39	.33	30	62	49	.71	.71	.61
	1/8"	1/4	.46	.38	.51	.44	25	57	44	.65	.65	.56
	1/8"	1/2	.35	.30	.39	.34	25	57	44	.65	.65	.56
	3/16"	1/4	.45	.38	.51	.44	18	49	36	.56	.56	.48
	3/16"	1/2	.35	.30	.39	.34	18	49	36	.56	.56	.48
	1/4"	1/4	.45	.38	.51	.44	15	45	32	.52	.52	.45
Dual Glazed Comfort-E2 with Gray (3)	1/8"	1/4	.46	.38	.51	.44	24	52	42	.63	.63	.54
	1/8"	1/2	.35	.30	.39	.34	24	52	42	.62	.62	.54
	3/16"	1/4	.45	.38	.51	.44	19	42	33	.53	.52	.45
	3/16"	1/2	.35	.30	.39	.34	19	42	33	.52	.52	.45
	1/4"	1/4	.45	.38	.51	.44	16	37	29	.48	.48	.42
	1/4"	1/2	.35	.30	.39	.34	16	37	29	.47	.47	.41
Dual Glazed Comfort E2 with AFG Solarshield Green (3)	SS	1/4	.46	.38	.51	.44	33	72	48	.69	.69	.59
	SS	1/2	.35	.31	.39	.33	33	72	48	.69	.69	.59
	1/8"	1/4	.46	.38	.51	.44	28	69	43	.63	.63	.54
	1/8"	1/2	.35	.30	.39	.34	28	69	43	.63	.63	.54
	3/16"	1/4	.45	.38	.51	.44	22	66	36	.55	.55	.48
	3/16"	1/2	.35	.30	.39	.34	22	66	36	.55	.54	.47
	1/4"	1/4	.45	.38	.51	.44	19	63	33	.52	.51	.45
	1/4"	1/2	.35	.30	.39	.34	19	63	33	.51	.50	.44

**Notes:**

- (1) Performance values are based on representative production samples. Actual values may differ due to variations in the manufacturing process.
- (2) Performance Data calculated using LBL Window 4.1.
- (3) Comfort E2 installed on surface #3.

For purposes of these performance values, the following Imperial to Metric measurements apply:  
 1/2 inch = 12 mm; 1/4 inch = 6 mm; 3/16 inch = 5 mm; 1/8 inch = 3 mm; SS/SGL = 2.5 mm;