

International Window 5320 3/4" Insulating Glass Unit Performance												
Picture Window 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	0.47	0.45	0.47	0.45	0.47	0.45	0.71	0.64	0.64	0.74	0.67	0.67
DS clear/ DS clear	0.47	0.45	0.47	0.45	0.47	0.45	0.68	0.62	0.62	0.73	0.66	0.66
3/16 clear/ 3/16 clear	0.49	0.46	0.49	0.46	0.49	0.46	0.65	0.59	0.59	0.72	0.65	0.65
SS EnergyShield™/ SS clear	0.31	0.27	0.31	0.27	0.31	0.27	0.37	0.33	0.33	0.66	0.59	0.59
DS EnergyShield™/ DS clear	0.31	0.27	0.31	0.27	0.31	0.27	0.36	0.33	0.33	0.65	0.59	0.59
3/16 EnergyShield™/ 3/16 clear	0.34	0.28	0.35	0.30	0.35	0.30	0.36	0.33	0.33	0.64	0.58	0.58
SS EnergyShield Xtreme™/ SS clear	0.31	0.27	0.31	0.27	0.31	0.27	0.26	0.23	0.23	0.56	0.50	0.50
DS EnergyShield Xtreme™/ DS clear	0.31	0.27	0.31	0.27	0.31	0.27	0.26	0.23	0.23	0.56	0.50	0.50
3/16 EnergyShield Xtreme™/ 3/16 clear	0.33	0.28	0.35	0.30	0.35	0.30	0.26	0.24	0.24	0.55	0.49	0.49
DS bronze/ SS clear	0.47	0.45	0.47	0.45	0.47	0.45	0.57	0.51	0.51	0.55	0.49	0.49
DS bronze/ DS clear	0.47	0.45	0.47	0.45	0.47	0.45	0.56	0.51	0.51	0.54	0.49	0.49
3/16 bronze/ 3/16 clear	0.49	0.46	0.49	0.46	0.49	0.46	0.50	0.45	0.45	0.47	0.42	0.42
5/32 Solarcool/ 3/16 clear	0.48	0.45	0.49	0.46	0.49	0.46	0.32	0.29	0.29	0.20	0.18	0.18
DS grey/ DS clear	0.47	0.45	0.47	0.45	0.47	0.45	0.52	0.47	0.47	0.49	0.44	0.44
3/16 grey/ 3/16 clear	0.49	0.46	0.49	0.46	0.49	0.46	0.46	0.41	0.41	0.41	0.37	0.37
DS greylite # 31/ DS clear	0.47	0.45	0.47	0.45	0.47	0.45	0.29	0.26	0.26	0.19	0.17	0.17
DS Azuria/ SS clear	0.47	0.45	0.47	0.45	0.47	0.45	0.44	0.40	0.40	0.63	0.57	0.57
DS Azuria/ DS clear	0.47	0.45	0.47	0.45	0.47	0.45	0.44	0.40	0.40	0.63	0.57	0.57
3/16 Azuria/ 3/16 clear	0.49	0.46	0.49	0.46	0.49	0.46	0.39	0.35	0.35	0.58	0.52	0.52
DS bronze/ SS EnergyShield™	0.31	0.27	0.31	0.27	0.31	0.27	0.35	0.32	0.32	0.49	0.44	0.44
DS bronze/ DS EnergyShield™	0.31	0.27	0.31	0.27	0.31	0.27	0.35	0.32	0.32	0.49	0.44	0.44
3/16 bronze/ 3/16 EnergyShield™	0.34	0.28	0.35	0.30	0.35	0.30	0.32	0.29	0.29	0.42	0.38	0.38
DS grey/ DS EnergyShield™	0.31	0.27	0.31	0.27	0.31	0.27	0.33	0.30	0.30	0.44	0.39	0.39
3/16 grey/ 3/16 EnergyShield™	0.34	0.28	0.35	0.30	0.35	0.30	0.29	0.27	0.27	0.36	0.33	0.33
DS Azuria/ SS EnergyShield™	0.31	0.27	0.31	0.27	0.31	0.27	0.33	0.30	0.30	0.56	0.51	0.51
DS Azuria/ DS EnergyShield™	0.31	0.27	0.31	0.27	0.31	0.27	0.33	0.30	0.30	0.56	0.50	0.50
3/16 Azuria/ 3/16 EnergyShield™	0.34	0.28	0.35	0.30	0.35	0.30	0.31	0.28	0.28	0.52	0.47	0.47
3/16 Solexia/ 3/16 EnergyShield™	0.34	0.28	0.35	0.30	0.35	0.30	0.35	0.32	0.32	0.57	0.52	0.52
DS bronze/ SS Xtreme EnergyShield™	0.31	0.27	0.31	0.27	0.31	0.27	0.28	0.25	0.25	0.43	0.39	0.39
DS bronze/ DS Xtreme EnergyShield™	0.30	0.26	0.30	0.26	0.30	0.26	0.28	0.25	0.25	0.43	0.39	0.39
3/16 bronze/ 3/16 Xtreme EnergyShield™	0.33	0.28	0.35	0.29	0.35	0.29	0.26	0.23	0.23	0.37	0.34	0.34
DS grey/ DS Xtreme EnergyShield™	0.30	0.26	0.30	0.26	0.30	0.26	0.26	0.24	0.24	0.39	0.35	0.35
3/16 grey/ 3/16 Xtreme EnergyShield™	0.33	0.28	0.35	0.29	0.35	0.29	0.24	0.22	0.22	0.32	0.29	0.29
DS Azuria/ SS Xtreme EnergyShield™	0.31	0.27	0.31	0.27	0.31	0.27	0.29	0.27	0.27	0.50	0.45	0.45
DS Azuria/ DS Xtreme EnergyShield™	0.30	0.26	0.30	0.26	0.30	0.26	0.29	0.27	0.27	0.50	0.45	0.45
3/16 Azuria/ 3/16 Xtreme EnergyShield™	0.33	0.28	0.35	0.29	0.35	0.29	0.28	0.25	0.25	0.46	0.41	0.41
3/16 Solexia/ 3/16 Xtreme EnergyShield™	0.33	0.28	0.35	0.29	0.35	0.29	0.30	0.28	0.28	0.51	0.46	0.46
SS EnergyShield Xtreme™/ SS ILE	0.26	0.23	0.26	0.23	0.26	0.23	0.25	0.23	0.23	0.55	0.49	0.49
DS EnergyShield Xtreme™/ DS ILE	0.26	0.23	0.26	0.23	0.26	0.23	0.25	0.23	0.23	0.54	0.49	0.49
3/16 EnergyShield Xtreme™/ 3/16 ILE	0.28	0.24	0.29	0.25	0.29	0.25	0.25	0.23	0.23	0.54	0.48	0.48

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.

International Window 5320 3/4" Insulating Glass Unit Performance												
Picture Window w/Extreme 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	0.46	0.44	0.46	0.44	0.46	0.44	0.71	0.64	0.64	0.74	0.67
DS clear/ DS clear	0.46	0.44	0.46	0.44	0.46	0.44	0.68	0.62	0.62	0.73	0.66	0.66
3/16 clear/ 3/16 clear	0.48	0.45	0.48	0.45	0.48	0.45	0.65	0.59	0.59	0.72	0.65	0.65
SS EnergyShield™/ SS clear	0.30	0.26	0.30	0.26	0.30	0.26	0.37	0.33	0.33	0.66	0.59	0.59
DS EnergyShield™/ DS clear	0.30	0.25	0.30	0.25	0.30	0.25	0.36	0.33	0.33	0.65	0.59	0.59
3/16 EnergyShield™/ 3/16 clear	0.32	0.27	0.34	0.28	0.34	0.28	0.36	0.33	0.33	0.64	0.58	0.58
SS EnergyShield Xtreme™/ SS clear	0.30	0.26	0.30	0.26	0.30	0.26	0.26	0.23	0.23	0.56	0.50	0.50
DS EnergyShield Xtreme™/ DS clear	0.29	0.25	0.29	0.25	0.29	0.25	0.26	0.23	0.23	0.56	0.50	0.50
3/16 EnergyShield Xtreme™/ 3/16 clear	0.32	0.27	0.34	0.28	0.34	0.28	0.26	0.24	0.24	0.55	0.49	0.49
DS bronze/ SS clear	0.46	0.44	0.46	0.44	0.46	0.44	0.57	0.51	0.51	0.55	0.49	0.49
DS bronze/ DS clear	0.46	0.44	0.46	0.44	0.46	0.44	0.56	0.51	0.51	0.54	0.49	0.49
3/16 bronze/ 3/16 clear	0.48	0.45	0.48	0.45	0.48	0.45	0.50	0.45	0.45	0.47	0.42	0.42
5/32 Solarcool/ 3/16 clear	0.47	0.44	0.48	0.45	0.48	0.45	0.32	0.29	0.29	0.20	0.18	0.18
DS grey/ DS clear	0.46	0.44	0.46	0.44	0.46	0.44	0.52	0.47	0.47	0.49	0.44	0.44
3/16 grey/ 3/16 clear	0.48	0.45	0.48	0.45	0.48	0.45	0.46	0.41	0.41	0.41	0.37	0.37
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DS Azuria/ SS clear	0.46	0.44	0.46	0.44	0.46	0.44	0.44	0.40	0.40	0.63	0.57	0.57
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DS bronze/ SS EnergyShield™	0.30	0.26	0.30	0.26	0.30	0.26	0.35	0.32	0.32	0.49	0.44	0.44
DS bronze/ DS EnergyShield™	0.30	0.25	0.30	0.25	0.30	0.25	0.35	0.32	0.32	0.49	0.44	0.44
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DS grey/ DS EnergyShield™	0.30	0.25	0.30	0.25	0.30	0.25	0.33	0.30	0.30	0.44	0.39	0.39
3/16 grey/ 3/16 EnergyShield™	0.32	0.27	0.34	0.28	0.34	0.28	0.29	0.27	0.27	0.36	0.33	0.33
DS Azuria/ SS EnergyShield™	0.30	0.26	0.30	0.26	0.30	0.26	0.33	0.30	0.30	0.56	0.51	0.51
DS Azuria/ DS EnergyShield™	0.30	0.25	0.30	0.25	0.30	0.25	0.33	0.30	0.30	0.56	0.50	0.50
3/16 Azuria/ 3/16 EnergyShield™	0.32	0.27	0.34	0.28	0.34	0.28	0.31	0.28	0.28	0.52	0.47	0.47
3/16 Solexia/ 3/16 EnergyShield™	0.32	0.27	0.34	0.28	0.34	0.28	0.35	0.32	0.32	0.57	0.52	0.52
SS EnergyShield Xtreme™/ SS ILE	0.24	0.21	0.24	0.21	0.24	0.21	0.25	0.23	0.23	0.55	0.49	0.49
DS EnergyShield Xtreme™/ DS ILE	0.24	0.21	0.24	0.21	0.24	0.21	0.25	0.23	0.23	0.54	0.49	0.49
3/16 EnergyShield Xtreme™/ 3/16 ILE	0.26	0.23	0.28	0.24	0.28	0.24	0.25	0.23	0.23	0.54	0.48	0.48

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