

International Window 5420 7/8" Insulating Glass Unit Performance												
Awning Window w/Steel Spacer	U-Factors						SHGC			Visible Light		
				Sculpture d Grid with Argon	1/8" x 3/4" Grid	1/8" x 3/4" Grid with Argon					Sculpture d Grid	1/8" x 3/4" Grid
	Air fill	With Argon	Sculpture d Grid					Sculpture d Grid	1/8" x 3/4" Grid			
SS clear/ SS clear	0.45	0.43	0.45	0.43	0.45	0.43	0.52	0.47	0.47	0.54	0.48	0.48
DS clear/ DS clear	0.45	0.43	0.45	0.43	0.45	0.43	0.50	0.45	0.45	0.53	0.48	0.48
3/16 clear/ 3/16 clear	0.45	0.43	0.45	0.43	0.45	0.43	0.48	0.43	0.43	0.52	0.47	0.47
SS EnergyShield™/ SS clear	0.34	0.31	0.34	0.31	0.34	0.31	0.23	0.21	0.21	0.43	0.38	0.38
DS EnergyShield™/ DS clear	0.34	0.31	0.34	0.31	0.34	0.31	0.21	0.20	0.20	0.41	0.37	0.37
3/16 EnergyShield™/ 3/16 clear	0.34	0.30	0.34	0.30	0.34	0.30	0.21	0.19	0.19	0.39	0.35	0.35
SS EnergyShield Xtreme™/ SS clear	0.34	0.31	0.34	0.31	0.34	0.31	0.18	0.16	0.16	0.40	0.36	0.36
DS EnergyShield Xtreme™/ DS clear	0.34	0.31	0.34	0.31	0.34	0.31	0.18	0.17	0.17	0.40	0.36	0.36
3/16 EnergyShield Xtreme™/ 3/16 clear	0.33	0.30	0.33	0.30	0.33	0.30	0.18	0.17	0.17	0.40	0.36	0.36
DS bronze/ DS clear	0.45	0.43	0.45	0.43	0.45	0.43	0.41	0.37	0.37	0.39	0.35	0.35
3/16 bronze/ 3/16 clear	0.45	0.43	0.45	0.43	0.45	0.43	0.37	0.33	0.33	0.34	0.31	0.31
3/16 Solarcool/ 3/16 clear	0.45	0.43	0.45	0.43	0.45	0.43	0.24	0.22	0.22	0.14	0.13	0.13
DS grey/ DS clear	0.45	0.43	0.45	0.43	0.45	0.43	0.38	0.35	0.35	0.35	0.32	0.32
3/16 grey/ 3/16 clear	0.45	0.43	0.45	0.43	0.45	0.43	0.33	0.30	0.30	0.29	0.27	0.27
DS greylite # 31/ DS clear	0.45	0.43	0.45	0.43	0.45	0.43	0.21	0.19	0.19	0.14	0.13	0.13
DS Azuria/ DS clear	0.45	0.43	0.45	0.43	0.45	0.43	0.32	0.29	0.29	0.45	0.41	0.41
3/16 Azuria/ 3/16 clear	0.45	0.43	0.45	0.43	0.45	0.43	0.28	0.26	0.26	0.42	0.38	0.38
DS bronze/ DS EnergyShield™	0.34	0.31	0.34	0.31	0.34	0.31	0.24	0.22	0.22	0.31	0.28	0.28
3/16 bronze/ 3/16 EnergyShield™	0.34	0.30	0.34	0.30	0.34	0.30	0.22	0.20	0.20	0.25	0.23	0.23
DS grey/ DS EnergyShield™	0.34	0.31	0.34	0.31	0.34	0.31	0.22	0.21	0.21	0.28	0.25	0.25
3/16 grey/ 3/16 EnergyShield™	0.34	0.30	0.34	0.30	0.34	0.30	0.20	0.18	0.18	0.22	0.20	0.20
DS Azuria/ DS EnergyShield™	0.34	0.31	0.34	0.31	0.34	0.31	0.24	0.21	0.21	0.36	0.32	0.32
3/16 Azuria/ 3/16 EnergyShield™	0.34	0.30	0.34	0.30	0.34	0.30	0.22	0.20	0.20	0.31	0.28	0.28
3/16 Solexia/ 3/16 EnergyShield™	0.34	0.30	0.34	0.30	0.34	0.30	0.24	0.22	0.22	0.35	0.31	0.31

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.

Clear glass - includes all non-tinted pattern glass, i.e. Obscure, Rain, Delta Frost
 EnergyShield™ spectrally selective Low-E with emissivity 0.036
 EnergyShield Xtreme™ spectrally selective Low-E with emissivity 0.024

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Awning Window w/Xtreme Spacer	U-Factors						SHGC			Visible Light		
				Sculpture d Grid with Argon	1/8" x 3/4" Grid with Argon	1/8" x 3/4" Grid with Argon					Sculpture d Grid with Argon	1/8" x 3/4" Grid with Argon
	Air fill	With Argon	Sculpture d Grid	Sculpture d Grid with Argon	1/8" x 3/4" Grid with Argon	1/8" x 3/4" Grid with Argon		Sculpture d Grid with Argon	1/8" x 3/4" Grid with Argon		Sculpture d Grid with Argon	1/8" x 3/4" Grid with Argon
SS clear/ SS clear	0.43	0.42	0.43	0.42	0.43	0.42	0.52	0.47	0.47	0.54	0.48	0.48
DS clear/ DS clear	0.43	0.42	0.43	0.42	0.43	0.42	0.50	0.45	0.45	0.53	0.48	0.48
3/16 clear/ 3/16 clear	0.44	0.42	0.44	0.42	0.44	0.42	0.48	0.43	0.43	0.52	0.47	0.47
SS EnergyShield™/ SS clear	0.32	0.29	0.32	0.29	0.32	0.29	0.23	0.21	0.21	0.43	0.38	0.38
DS EnergyShield™/ DS clear	0.32	0.29	0.32	0.29	0.32	0.29	0.21	0.20	0.20	0.41	0.37	0.37
3/16 EnergyShield™/ 3/16 clear	0.32	0.29	0.32	0.29	0.32	0.29	0.21	0.19	0.19	0.39	0.35	0.35
SS EnergyShield Xtreme™/ SS clear	0.32	0.29	0.32	0.29	0.32	0.29	0.18	0.17	0.17	0.40	0.36	0.36
DS EnergyShield Xtreme™/ DS clear	0.32	0.29	0.32	0.29	0.32	0.29	0.18	0.17	0.17	0.40	0.36	0.36
3/16 EnergyShield Xtreme™/ 3/16 clear	0.32	0.28	0.32	0.28	0.32	0.28	0.18	0.17	0.17	0.40	0.36	0.36
DS bronze/ DS clear	0.43	0.42	0.43	0.42	0.43	0.42	0.41	0.37	0.37	0.39	0.35	0.35
3/16 bronze/ 3/16 clear	0.44	0.42	0.44	0.42	0.44	0.42	0.37	0.33	0.33	0.34	0.31	0.31
3/16 Solarcool/ 3/16 clear	0.44	0.41	0.44	0.41	0.44	0.41	0.24	0.22	0.22	0.14	0.13	0.13
DS grey/ DS clear	0.43	0.42	0.43	0.42	0.43	0.42	0.38	0.35	0.35	0.35	0.32	0.32
3/16 grey/ 3/16 clear	0.44	0.42	0.44	0.42	0.44	0.42	0.33	0.30	0.30	0.29	0.27	0.27
DS greylite # 31/ DS clear	0.43	0.42	0.43	0.42	0.43	0.42	0.21	0.19	0.19	0.14	0.13	0.13
DS Azuria/ DS clear	0.43	0.42	0.43	0.42	0.43	0.42	0.32	0.29	0.29	0.45	0.41	0.41
3/16 Azuria/ 3/16 clear	0.44	0.42	0.44	0.42	0.44	0.42	0.28	0.26	0.26	0.42	0.38	0.38
DS bronze/ DS EnergyShield™	0.32	0.29	0.32	0.29	0.32	0.29	0.24	0.22	0.22	0.31	0.28	0.28
3/16 bronze/ 3/16 EnergyShield™	0.32	0.29	0.32	0.29	0.32	0.29	0.22	0.20	0.20	0.25	0.23	0.23
DS grey/ DS EnergyShield™	0.32	0.29	0.32	0.29	0.32	0.29	0.22	0.21	0.21	0.28	0.25	0.25
3/16 grey/ 3/16 EnergyShield™	0.32	0.29	0.32	0.29	0.32	0.29	0.20	0.18	0.18	0.22	0.20	0.20
DS Azuria/ DS EnergyShield™	0.32	0.29	0.32	0.29	0.32	0.29	0.24	0.21	0.21	0.36	0.32	0.32
3/16 Azuria/ 3/16 EnergyShield™	0.32	0.29	0.32	0.29	0.32	0.29	0.22	0.20	0.20	0.31	0.28	0.28
3/16 Solexia/ 3/16 EnergyShield™	0.32	0.29	0.32	0.29	0.32	0.29	0.24	0.22	0.22	0.35	0.31	0.31

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