

<b>International Window 8220 3/4" Insulating Glass Unit Performance</b>												
<b>Awning w/Steel Spacer</b>	<b>U-Factors</b>						<b>SHGC</b>			<b>Visible Light</b>		
	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	0.59	0.57	0.59	0.57	0.59	0.57	0.55	0.45	0.50	0.57	0.46	0.52
DS clear/ DS clear	0.59	0.57	0.59	0.57	0.59	0.57	0.53	0.44	0.49	0.56	0.46	0.51
3/16 clear/ 3/16 clear	0.60	0.58	0.61	0.59	0.60	0.58	0.51	0.42	0.46	0.56	0.45	0.50
SS EnergyShield™/ SS clear	0.47	0.43	0.48	0.43	0.47	0.43	0.28	0.23	0.25	0.49	0.40	0.44
DS EnergyShield™/ DS clear	0.46	0.43	0.47	0.44	0.46	0.43	0.28	0.23	0.25	0.49	0.40	0.44
3/16 EnergyShield™/ 3/16 clear	0.48	0.44	0.51	0.48	0.49	0.45	0.28	0.23	0.25	0.48	0.39	0.43
SS EnergyShield Xtreme™/ SS clear	0.47	0.43	0.48	0.43	0.47	0.43	0.20	0.17	0.19	0.43	0.35	0.39
DS EnergyShield Xtreme™/ DS clear	0.46	0.43	0.47	0.44	0.46	0.43	0.21	0.17	0.19	0.43	0.35	0.39
3/16 EnergyShield Xtreme™/ 3/16 clear	0.48	0.44	0.51	0.48	0.49	0.45	0.21	0.18	0.19	0.42	0.35	0.38
DS bronze/ DS clear	0.59	0.58	0.59	0.59	0.59	0.58	0.44	0.36	0.40	0.42	0.34	0.38
3/16 bronze/ 3/16 clear	0.60	0.58	0.61	0.59	0.60	0.58	0.39	0.33	0.36	0.36	0.30	0.33
1/4 Solarcool/ 3/16 clear	0.61	0.59	#N/A	#N/A	0.62	0.59	0.23	#N/A	0.21	0.13	#N/A	0.12
DS grey/ DS clear	0.59	0.57	0.59	0.57	0.59	0.57	0.41	0.34	0.37	0.38	0.31	0.34
3/16 grey/ 3/16 clear	0.60	0.58	0.61	0.59	0.60	0.58	0.36	0.30	0.33	0.31	0.26	0.28
DS greylite # 31/ DS clear	0.59	0.57	0.59	0.57	0.59	0.57	0.23	0.19	0.21	0.15	0.12	0.13
DS Azuria/ DS clear	0.59	0.57	0.59	0.57	0.59	0.57	0.34	0.29	0.32	0.48	0.39	0.44
3/16 Azuria/ 3/16 clear	0.60	0.58	0.61	0.59	0.60	0.58	0.31	0.25	0.28	0.45	0.36	0.40
DS bronze/ DS EnergyShield™	0.46	0.43	0.47	0.44	0.46	0.43	0.27	0.23	0.25	0.36	0.29	0.33
3/16 bronze/ 3/16 EnergyShield™	0.48	0.44	0.51	0.48	0.49	0.45	0.25	0.21	0.23	0.31	0.25	0.28
DS grey/ DS EnergyShield™	0.46	0.43	0.47	0.44	0.46	0.43	0.26	0.22	0.24	0.32	0.26	0.29
3/16 grey/ 3/16 EnergyShield™	0.48	0.44	0.51	0.48	0.49	0.45	0.23	0.19	0.21	0.27	0.22	0.24
DS Azuria/ DS EnergyShield™	0.46	0.43	0.47	0.44	0.46	0.43	0.26	0.22	0.24	0.42	0.34	0.38
3/16 Azuria/ 3/16 EnergyShield™	0.48	0.44	0.51	0.48	0.49	0.45	0.24	0.21	0.22	0.38	0.31	0.35
3/16 Solexia/ 3/16 EnergyShield™	0.48	0.44	0.51	0.48	0.49	0.45	0.28	0.23	0.26	0.43	0.35	0.39
DS EnergyShield Xtreme™/ DS ILE	0.42	0.39	0.42	0.39	0.42	0.39	0.20	0.18	0.18	0.42	0.38	0.38
3/16 EnergyShield Xtreme™/ 3/16 ILE	0.44	0.41	0.44	0.41	0.44	0.41	0.20	0.18	0.18	0.41	0.37	0.37

U-Value is the overall coefficient of heat transmittance of heat flow measured in BTU/hr.\*ft<sup>2</sup>\*°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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<b>Awning w/Xtreme Spacer</b>	<b>U-Factors</b>						<b>SHGC</b>			<b>Visible Light</b>		
	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
				with Argon							with Argon	with Argon
SS clear/ SS clear	0.58	0.56	0.58	0.56	0.58	0.56	0.55	0.45	0.50	0.57	0.46	0.52
DS clear/ DS clear	0.58	0.56	0.58	0.56	0.58	0.56	0.53	0.44	0.49	0.56	0.46	0.51
3/16 clear/ 3/16 clear	0.59	0.57	0.60	0.58	0.59	0.57	0.51	0.42	0.46	0.56	0.45	0.50
SS EnergyShield™/ SS clear	0.45	0.42	0.47	0.42	0.45	0.42	0.29	0.24	0.27	0.51	0.42	0.46
DS EnergyShield™/ DS clear	0.45	0.42	0.46	0.43	0.45	0.42	0.29	0.24	0.26	0.51	0.41	0.46
3/16 EnergyShield™/ 3/16 clear	0.47	0.43	0.50	0.47	0.48	0.44	0.29	0.24	0.26	0.50	0.41	0.45
SS EnergyShield Xtreme™/ SS clear	0.45	0.42	0.46	0.43	0.45	0.42	0.20	0.17	0.18	0.45	0.37	0.41
DS EnergyShield Xtreme™/ DS clear	0.45	0.42	0.46	0.43	0.45	0.42	0.20	0.17	0.19	0.45	0.36	0.40
3/16 EnergyShield Xtreme™/ 3/16 clear	0.47	0.42	0.49	0.45	0.48	0.43	0.21	0.17	0.19	0.44	0.36	0.40
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3/16 grey/ 3/16 clear	0.59	0.57	0.60	0.58	0.59	0.57	0.36	0.30	0.33	0.31	0.26	0.28
DS greylite # 31/ DS clear	0.58	0.56	0.58	0.56	0.58	0.56	0.23	0.19	0.21	0.15	0.12	0.13
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3/16 Azuria/ 3/16 clear	0.59	0.57	0.60	0.58	0.59	0.57	0.31	0.25	0.28	0.45	0.36	0.40
DS bronze/ DS EnergyShield™	0.45	0.42	0.46	0.43	0.45	0.42	0.28	0.23	0.25	0.37	0.30	0.34
3/16 bronze/ 3/16 EnergyShield™	0.47	0.43	0.50	0.47	0.48	0.44	0.25	0.21	0.23	0.32	0.26	0.29
DS grey/ DS EnergyShield™	0.45	0.42	0.46	0.43	0.45	0.42	0.26	0.22	0.24	0.34	0.27	0.30
3/16 grey/ 3/16 EnergyShield™	0.47	0.43	0.50	0.47	0.48	0.44	0.23	0.20	0.21	0.28	0.23	0.25
DS Azuria/ DS EnergyShield™	0.45	0.42	0.46	0.43	0.45	0.42	0.26	0.22	0.24	0.43	0.35	0.39
3/16 Azuria/ 3/16 EnergyShield™	0.47	0.43	0.50	0.47	0.48	0.44	0.25	0.21	0.23	0.40	0.32	0.36
3/16 Solexia/ 3/16 EnergyShield™	0.47	0.43	0.50	0.47	0.48	0.44	0.28	0.23	0.26	0.44	0.36	0.40
DS EnergyShield Xtreme™/ DS ILE	0.41	0.38	0.41	0.38	0.41	0.38	0.20	0.18	0.18	0.42	0.38	0.38
3/16 EnergyShield Xtreme™/ 3/16 ILE	0.43	0.39	0.43	0.40	0.43	0.40	0.20	0.18	0.18	0.41	0.37	0.37

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