

<b>International Window 8920 1" Insulating Glass Unit Performance</b>												
<b>Sliding Door w/ Intercept spacer</b>	<b>U-Value Residential Only</b>						<b>SHGC</b>			<b>Visible Light</b>		
	Air fill	With Argon	Sculpt Grid	Sculpted Grid with Argon	1/8" x 3/4" Grid	1/8" x 3/4" Grid with Argon		Sculpt Grid	1/8" x 3/4" Grid		Sculpt Grid	1/8" x 3/4" Grid
	DS Clr / DS Clr	0.55	0.53	0.55	0.53	0.55	0.53	0.63	0.49	0.56	0.67	0.51
3/16 Clr / 3/16 Clr	0.54	0.53	0.54	0.53	0.54	0.53	0.60	0.47	0.53	0.66	0.50	0.58
1/4 Clr / 1/4 Clr	0.54	0.52	0.55	0.53	0.55	0.53	0.58	0.45	0.52	0.65	0.50	0.57
DS EnergyShield™/ DS clear	0.42	0.38	0.42	0.38	0.42	0.38	0.32	0.26	0.29	0.59	0.45	0.52
3/16 EnergyShield™/ 3/16 clear	0.41	0.37	0.41	0.37	0.41	0.37	0.32	0.25	0.29	0.58	0.45	0.51
1/4 EnergyShield™/ 1/4 clear	0.40	0.37	0.42	0.39	0.42	0.39	0.32	0.25	0.28	0.58	0.44	0.51
DS EnergyShield Xtreme™/ DS clear	0.41	0.37	0.41	0.37	0.41	0.37	0.23	0.18	0.21	0.53	0.40	0.46
3/16 EnergyShield Xtreme™/ 3/16 clear	0.40	0.37	0.40	0.37	0.40	0.37	0.23	0.19	0.21	0.52	0.40	0.46
1/4 EnergyShield Xtreme™/ 1/4 clear	0.40	0.36	0.42	0.39	0.42	0.39	0.23	0.18	0.21	0.53	0.40	0.46
DS bronze/ DS clear	0.55	0.53	0.55	0.53	0.55	0.53	0.52	0.40	0.46	0.50	0.38	0.44
3/16 bronze/ 3/16 clear	0.54	0.53	0.54	0.53	0.54	0.53	0.46	0.36	0.41	0.43	0.33	0.38
DS SCbronze/ DS clear	0.55	0.53	0.55	0.53	0.55	0.53	0.31	0.25	0.28	0.19	0.15	0.17
3/16 SCbronze/ 3/16 clear	0.54	0.53	0.54	0.53	0.54	0.53	0.28	0.22	0.25	0.17	0.13	0.15
DS grey/ DS clear	0.55	0.53	0.55	0.53	0.55	0.53	0.48	0.37	0.43	0.45	0.34	0.39
3/16 grey/ 3/16 clear	0.54	0.53	0.54	0.53	0.54	0.53	0.42	0.33	0.37	0.37	0.28	0.33
DS Azuria/ DS clear	0.55	0.53	0.55	0.53	0.55	0.53	0.40	0.31	0.36	0.57	0.44	0.50
3/16 Azuria/ 3/16 clear	0.54	0.53	0.54	0.53	0.54	0.53	0.35	0.28	0.31	0.53	0.40	0.46
DS bronze/ DS EnergyShield™	0.42	0.38	0.42	0.38	0.42	0.38	0.31	0.25	0.28	0.44	0.34	0.39
3/16 bronze/ 3/16 EnergyShield™	0.41	0.37	0.41	0.37	0.41	0.37	0.28	0.22	0.25	0.38	0.29	0.34
DS grey/ DS EnergyShield™	0.42	0.38	0.42	0.38	0.42	0.38	0.29	0.23	0.26	0.40	0.30	0.35
3/16 grey/ 3/16 EnergyShield™	0.41	0.37	0.41	0.37	0.41	0.37	0.26	0.20	0.23	0.33	0.25	0.29
DS Azuria/ DS EnergyShield™	0.42	0.38	0.42	0.38	0.42	0.38	0.30	0.24	0.27	0.51	0.39	0.45
3/16 Azuria/ 3/16 EnergyShield™	0.41	0.37	0.41	0.37	0.41	0.37	0.27	0.22	0.25	0.47	0.36	0.41
DS Solexia/ DS EnergyShield™	0.42	0.38	0.42	0.38	0.42	0.38	0.34	0.27	0.30	0.55	0.42	0.48
3/16 Solexia/ 3/16 EnergyShield™	0.41	0.37	0.41	0.37	0.41	0.37	0.32	0.25	0.28	0.52	0.40	0.46
DS EnergyShield™/ DS SG500	0.36	0.33	0.36	0.33	0.36	0.33	0.22	0.18	0.20	0.49	0.37	0.43
3/16 EnergyShield™/ 3/16 SG500	0.35	0.33	0.35	0.33	0.35	0.33	0.22	0.18	0.20	0.48	0.37	0.42

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 0.035

EnergyShield Xtreme™ spectrally selective Low-E with emissivity 0.018

<b>International Window 8920 1" Insulating Glass Unit Performance</b>												
<b>Sliding Door with Xtreme Spacer</b>	<b>U-Value Residential Only</b>						<b>SHGC</b>			<b>Visible Light</b>		
	Air fill	With Argon	Sculpt Grid	Sculpted Grid with Argon	1/8" x 3/4" Grid	1/8" x 3/4" Grid with Argon		Sculpt Grid	1/8" x 3/4" Grid		Sculpt Grid	1/8" x 3/4" Grid
	DS Clr / DS Clr	0.54	0.53	0.54	0.53	0.54	0.53	0.63	0.49	0.56	0.67	0.51
3/16 Clr / 3/16 Clr	0.54	0.52	0.54	0.52	0.54	0.52	0.60	0.47	0.53	0.66	0.50	0.58
1/4 Clr / 1/4 Clr	0.54	0.52	0.54	0.53	0.54	0.53	0.58	0.45	0.52	0.65	0.50	0.57
DS EnergyShield™/ DS clear	0.41	0.37	0.41	0.37	0.41	0.37	0.32	0.26	0.29	0.59	0.45	0.52
3/16 EnergyShield™/ 3/16 clear	0.40	0.36	0.40	0.36	0.40	0.36	0.32	0.25	0.29	0.58	0.45	0.51
1/4 EnergyShield™/ 1/4 clear	0.40	0.36	0.41	0.38	0.41	0.38	0.32	0.25	0.28	0.58	0.44	0.51
DS EnergyShield Xtreme™/ DS clear	0.40	0.36	0.40	0.36	0.40	0.36	0.23	0.18	0.21	0.53	0.40	0.46
3/16 EnergyShield Xtreme™/ 3/16 clear	0.40	0.36	0.40	0.36	0.40	0.36	0.23	0.19	0.21	0.52	0.40	0.46
1/4 EnergyShield Xtreme™/ 1/4 clear	0.39	0.36	0.41	0.38	0.41	0.38	0.23	0.18	0.21	0.53	0.40	0.46
DS bronze/ DS clear	0.54	0.53	0.54	0.53	0.54	0.53	0.52	0.40	0.46	0.50	0.38	0.44
3/16 bronze/ 3/16 clear	0.54	0.52	0.54	0.52	0.54	0.52	0.46	0.36	0.41	0.43	0.33	0.38
DS SCbronze/ DS clear	0.54	0.53	0.54	0.53	0.54	0.53	0.31	0.25	0.28	0.19	0.15	0.17
3/16 SCbronze/ 3/16 clear	0.54	0.52	0.54	0.52	0.54	0.52	0.28	0.22	0.25	0.17	0.13	0.15
DS grey/ DS clear	0.54	0.53	0.54	0.53	0.54	0.53	0.48	0.37	0.43	0.45	0.34	0.39
3/16 grey/ 3/16 clear	0.54	0.52	0.54	0.52	0.54	0.52	0.42	0.33	0.37	0.37	0.28	0.33
DS Azuria/ DS clear	0.54	0.53	0.54	0.53	0.54	0.53	0.40	0.31	0.36	0.57	0.44	0.50
3/16 Azuria/ 3/16 clear	0.54	0.52	0.54	0.52	0.54	0.52	0.35	0.28	0.31	0.53	0.40	0.46
DS bronze/ DS EnergyShield™	0.41	0.37	0.41	0.37	0.41	0.37	0.31	0.25	0.28	0.44	0.34	0.39
3/16 bronze/ 3/16 EnergyShield™	0.40	0.36	0.40	0.36	0.40	0.36	0.28	0.22	0.25	0.38	0.29	0.34
DS grey/ DS EnergyShield™	0.41	0.37	0.41	0.37	0.41	0.37	0.29	0.23	0.26	0.40	0.30	0.35
3/16 grey/ 3/16 EnergyShield™	0.40	0.36	0.40	0.36	0.40	0.36	0.26	0.20	0.23	0.33	0.25	0.29
DS Azuria/ DS EnergyShield™	0.41	0.37	0.41	0.37	0.41	0.37	0.30	0.24	0.27	0.51	0.39	0.45
3/16 Azuria/ 3/16 EnergyShield™	0.40	0.36	0.40	0.36	0.40	0.36	0.27	0.22	0.25	0.47	0.36	0.41
DS Solexia/ DS EnergyShield™	0.41	0.37	0.41	0.37	0.41	0.37	0.34	0.27	0.30	0.55	0.42	0.48
3/16 Solexia/ 3/16 EnergyShield™	0.40	0.36	0.40	0.36	0.40	0.36	0.32	0.25	0.28	0.52	0.40	0.46
DS EnergyShield™/ DS SG500	0.35	0.32	0.35	0.32	0.35	0.32	0.22	0.18	0.20	0.49	0.37	0.43
3/16 EnergyShield™/ 3/16 SG500	0.35	0.32	0.35	0.32	0.35	0.32	0.22	0.18	0.20	0.48	0.37	0.42

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 0.035

EnergyShield Xtreme™ spectrally selective Low-E with emissivity 0.018