

IG Thickness	Glass Strength	Exterior Glass	Spacer	Interior Glass	Gas Fill	No Grids					
						U-Value	SHGC	VLT	Energy Star 7.0	Title 24	
Stacking Door (Thermally Improved Lock Style)											
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Air	0.35	0.29	0.53	-	-	
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Argon	0.31	0.29	0.53	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Air	0.34	0.29	0.53	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Argon	0.31	0.28	0.53	-	-	
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Air	0.33	0.29	0.52	-	-	
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Argon	0.30	0.28	0.52	-	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Air	0.34	0.22	0.50	-	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Argon	0.30	0.22	0.50	-	Yes	
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Air	0.34	0.22	0.49	-	-	
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Argon	0.30	0.22	0.49	-	Yes	
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Air	0.33	0.22	0.49	-	-	
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Argon	0.30	0.22	0.49	-	Yes	
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Air	0.29	0.28	0.53	-	-	
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Argon	0.27	0.28	0.53	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Air	0.29	0.28	0.52	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Argon	0.26	0.28	0.52	N, NC	-	
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Air	0.28	0.28	0.51	-	-	
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Argon	0.26	0.28	0.51	N, NC	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Air	0.29	0.21	0.49	-	Yes	
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Argon	0.26	0.21	0.49	N, NC, SC, S	Yes	
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Air	0.28	0.21	0.48	SC, S	Yes	
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Argon	0.26	0.21	0.48	N, NC, SC, S	Yes	
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Air	0.28	0.21	0.48	SC, S	Yes	
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Argon	0.26	0.21	0.48	N, NC, SC, S	Yes	
Stacking Door (All Aluminum Lock Style)											
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Air	0.38	0.29	0.53	-	-	
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Argon	0.35	0.29	0.53	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Air	0.38	0.29	0.53	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Argon	0.34	0.28	0.53	-	-	
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Air	0.37	0.29	0.52	-	-	
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Argon	0.34	0.28	0.52	-	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Air	0.38	0.22	0.50	-	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Argon	0.34	0.22	0.50	-	-	
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Air	0.37	0.22	0.49	-	-	
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Argon	0.34	0.21	0.49	-	-	
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Air	0.37	0.22	0.49	-	-	
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Argon	0.33	0.22	0.49	-	-	
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Air	0.32	0.28	0.53	-	-	
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Argon	0.30	0.28	0.53	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Air	0.32	0.28	0.52	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Argon	0.30	0.28	0.52	-	-	
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Air	0.32	0.28	0.51	-	-	
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Argon	0.29	0.28	0.51	-	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Air	0.32	0.21	0.49	-	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Argon	0.30	0.21	0.49	-	Yes	
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Air	0.32	0.21	0.48	-	-	
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Argon	0.30	0.21	0.48	-	Yes	
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Air	0.32	0.21	0.48	-	-	
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Argon	0.29	0.21	0.48	-	Yes	
Pocket (Thermal Break Lock Style)											
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Air	0.35	0.29	0.53	-	-	
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Argon	0.31	0.29	0.53	-	-	
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Air	0.34	0.29	0.53	-	-	

Due to continual product development, data presented is subject to change at any time .
Available components may vary by manufacturing location.

IG Thickness	Glass Strength	Exterior Glass	Spacer	Interior Glass	Gas Fill	No Grids				
						U-Value	SHGC	VLT	Energy Star 7.0	Title 24
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Argon	0.31	0.28	0.53	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Air	0.33	0.29	0.52	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Argon	0.30	0.28	0.52	-	-
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Air	0.34	0.22	0.50	-	-
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Argon	0.30	0.22	0.50	-	Yes
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Air	0.34	0.22	0.49	-	-
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Argon	0.30	0.22	0.49	-	Yes
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Air	0.33	0.22	0.49	-	-
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Argon	0.30	0.22	0.49	-	Yes
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Air	0.29	0.28	0.53	-	-
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Argon	0.27	0.28	0.53	-	-
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Air	0.29	0.28	0.52	-	-
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Argon	0.26	0.28	0.52	N, NC	-
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Air	0.28	0.28	0.51	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Argon	0.26	0.28	0.51	N, NC	-
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Air	0.29	0.21	0.49	-	Yes
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Argon	0.26	0.21	0.49	N, NC, SC, S	Yes
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Air	0.28	0.21	0.48	SC, S	Yes
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Argon	0.26	0.21	0.48	N, NC, SC, S	Yes
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Air	0.28	0.21	0.48	SC, S	Yes
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Argon	0.26	0.21	0.48	N, NC, SC, S	Yes
Pocket (All Aluminum Lock Stile)										
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Air	0.38	0.29	0.53	-	-
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Argon	0.35	0.29	0.53	-	-
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Air	0.38	0.29	0.53	-	-
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Argon	0.34	0.28	0.53	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Air	0.37	0.29	0.52	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Argon	0.34	0.28	0.52	-	-
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Air	0.38	0.22	0.50	-	-
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Argon	0.34	0.22	0.50	-	-
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Air	0.37	0.22	0.49	-	-
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Argon	0.34	0.21	0.49	-	-
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Air	0.37	0.22	0.49	-	-
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Argon	0.33	0.22	0.49	-	-
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Air	0.32	0.28	0.53	-	-
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Argon	0.30	0.28	0.53	-	-
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Air	0.32	0.28	0.52	-	-
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Argon	0.30	0.28	0.52	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Air	0.32	0.28	0.51	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Argon	0.29	0.28	0.51	-	-
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Air	0.32	0.21	0.49	-	-
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Argon	0.30	0.21	0.49	-	Yes
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Air	0.32	0.21	0.48	-	-
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Argon	0.30	0.21	0.48	-	Yes
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Air	0.32	0.21	0.48	-	-
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Argon	0.29	0.21	0.48	-	Yes
Bi-Fold										
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Air	0.36	0.26	0.47	-	-
1"	5/32" 5/32"	SunCoat	Cardinal	Clear	Argon	0.33	0.26	0.47	-	-
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Air	0.36	0.26	0.47	-	-
1"	3/16" 3/16"	SunCoat	Cardinal	Clear	Argon	0.33	0.25	0.47	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Air	0.35	0.26	0.46	-	-
1"	1/4" 1/4"	SunCoat	Cardinal	Clear	Argon	0.32	0.25	0.46	-	-
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Air	0.36	0.20	0.44	-	-

Due to continual product development, data presented is subject to change at any time .
Available components may vary by manufacturing location.

IG Thickness	Glass Strength	Exterior Glass	Spacer	Interior Glass	Gas Fill	No Grids				
						U-Value	SHGC	VLT	Energy Star 7.0	Title 24
1"	5/32" 5/32"	SunCoatMax	Cardinal	Clear	Argon	0.33	0.19	0.44	-	
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Air	0.36	0.20	0.44	-	
1"	3/16" 3/16"	SunCoatMax	Cardinal	Clear	Argon	0.32	0.19	0.44	-	
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Air	0.35	0.20	0.43	-	
1"	1/4" 1/4"	SunCoatMax	Cardinal	Clear	Argon	0.32	0.19	0.43	-	
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Air	0.31	0.25	0.47	-	
1"	5/32" 5/32"	SunCoat	Cardinal	4th Surface	Argon	0.29	0.25	0.47	-	
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Air	0.31	0.25	0.46	-	
1"	3/16" 3/16"	SunCoat	Cardinal	4th Surface	Argon	0.29	0.25	0.46	-	
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Air	0.31	0.25	0.45	-	
1"	1/4" 1/4"	SunCoat	Cardinal	4th Surface	Argon	0.28	0.25	0.45	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Air	0.31	0.19	0.43	-	
1"	5/32" 5/32"	SunCoatMax	Cardinal	4th Surface	Argon	0.29	0.19	0.43	-	Yes
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Air	0.31	0.19	0.43	-	-
1"	3/16" 3/16"	SunCoatMax	Cardinal	4th Surface	Argon	0.29	0.19	0.43	-	Yes
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Air	0.30	0.19	0.42	-	Yes
1"	1/4" 1/4"	SunCoatMax	Cardinal	4th Surface	Argon	0.28	0.19	0.42	SC, S	Yes