



RESIDENTIAL LOW-E INSULATING GLASS PERFORMANCE COMPARISON

COMFORT SELECT™ 3/4"(19mm) Dual Insulating Units - 1/8"(3mm) | 1/2"(13mm) | 1/8"(3mm)

Product	Winter U-Value		SHGC	Transmittance			LSG	DW Index
	Air	Argon		Visible	Solar	UV		
Clear Comfort Select 73 #3	0.33	0.29	0.73	74%	60%	44%	1.02	0.64
Clear Comfort Select 63 #3	0.31	0.26	0.62	79%	53%	38%	1.28	0.67
Comfort Select 40 #2 Clear	0.29	0.25	0.40	72%	36%	19%	1.83	0.56
Comfort Select 36 #2 Clear	0.29	0.25	0.37	66%	33%	15%	1.77	0.50
Comfort Select 28 #2 Clear	0.29	0.24	0.28	63%	26%	15%	2.21	0.46
Comfort Select R42 #2 Clear	0.30	0.25	0.44	65%	40%	25%	1.49	0.50

COMFORT SELECT™ 3/4"(19mm) with U4-4th Surface Technology #4 Surface Low-E Dual Insulating Units - 1/8"(3mm) | 1/2"(13mm) | 1/8"(3mm)

Product	Winter U-Value		SHGC	Transmittance			LSG	DW Index
	Air	Argon		Visible	Solar	UV		
Comfort Select 73 #2 Comfort Select 73 #4 U4	0.26	0.23	0.60	67%	52%	33%	1.12	0.55
Comfort Select 63 #2 Comfort Select 73 #4 U4	0.24	0.21	0.53	72%	47%	29%	1.35	0.58
Comfort Select 40 #2 Comfort Select 73 #4 U4	0.23	0.20	0.37	66%	32%	14%	1.78	0.48
Comfort Select 36 #2 Comfort Select 73 #4 U4	0.23	0.20	0.35	60%	30%	12%	1.72	0.44
Comfort Select 28 #2 Comfort Select 73 #4 U4	0.23	0.20	0.26	57%	23%	11%	2.15	0.40
Comfort Select R42 #2 Comfort Select 73 #4 U4	0.24	0.20	0.41	59%	36%	19%	1.45	0.43

U4 indicates Comfort Select 73 #4 surface on the inboard lite, in addition to the #2 surface coating designated on the outboard lite.

COMFORT SELECT™ 1-1/4"(32mm) Triple Insulating Units - 1/8"(3mm) | 7/16"(11mm) | 1/8"(3mm) | 7/16"(11mm) | 1/8"(3mm)

Product	Winter U-Value		SHGC	Transmittance			LSG	DW Index
	Air	Argon		Visible	Solar	UV		
Comfort Select 73 #2 Clear Clear	0.25	0.21	0.59	68%	52%	35%	1.15	0.57
Comfort Select 73 #2 Clear Comfort Select 73 #5	0.20	0.16	0.57	62%	45%	27%	1.10	0.49
Comfort Select 63 #2 Clear Clear	0.23	0.20	0.53	72%	47%	32%	1.37	0.61
Comfort Select 63 #2 Clear Comfort Select 63 #5	0.18	0.14	0.49	70%	40%	23%	1.43	0.56
Comfort Select 40 #2 Clear Clear	0.23	0.19	0.37	66%	33%	16%	1.81	0.51
Comfort Select 40 #2 Clear Comfort Select 63 #5	0.18	0.14	0.36	64%	30%	12%	1.78	0.47
Comfort Select 36 #2 Clear Clear	0.23	0.19	0.34	60%	30%	13%	1.77	0.46
Comfort Select 36 #2 Clear Comfort Select 63 #5	0.18	0.14	0.33	58%	28%	9%	1.76	0.43
Comfort Select 28 #2 Clear Clear	0.23	0.19	0.26	57%	23%	13%	2.18	0.42
Comfort Select 28 #2 Clear Comfort Select 63 #5	0.17	0.14	0.26	55%	22%	9%	2.13	0.39
Comfort Select R42 #2 Clear Clear	0.23	0.19	0.41	60%	36%	21%	1.48	0.46
Comfort Select R42 #2 Clear Comfort Select 63 #5	0.18	0.14	0.38	58%	31%	15%	1.52	0.42

Performance values are based on representative production samples and product modeling data using LBNL Window software. Actual values may differ based on variations in the manufacturing process. For more information, please visit us.agc.com or contact Technical Services 888-234-8380. Environmental conditions based on NFRC 100-2010. Argon data based on 10% air and 90% argon. Thermal stress analysis or building codes may determine the requirement for heat-treated glass. Contact AGC Technical Services to ensure the correct form of glass to be supplied. For additional glass configurations use our AGC Glass Calculator. Performance data is subject to change and the most accurate data will be reflected in the Glass Calculator.