

Energy Advantage™ Low-E Insulating Glass Performance Data^{1,10}

[Insulating units constructed of equal glass thicknesses and 1/2" (12.7mm) airspace]

Product	Nominal Glass Thickness		Visible Light ²			Total Solar Energy ²			U-Factor ⁵						Solar Heat Gain Coefficient ⁷	Shading Coefficient ⁸
			Transmittance ³ %	Reflectance ⁴ %		Transmittance ³ %	Reflectance ⁴ %	UV Transmittance ² %	U.S. Summer		U.S. Winter		European ⁶			
	Outside	Inside		Air	Argon				Air	Argon	Air	Argon				

Pilkington Uncoated Float Glass Outer Lite and Energy Advantage™ Low-E Glass Inner Lite (#3 Surface)

Optifloat Clear	3/32	2.5	76	18	17	62	17	48	0.33	0.28	0.34	0.29	1.9	1.6	0.73	0.84
	1/8	3	75	18	17	59	16	45	0.33	0.28	0.33	0.29	1.9	1.6	0.71	0.82
	5/32	4	74	17	16	56	16	42	0.33	0.28	0.33	0.29	1.9	1.6	0.69	0.80
	3/16	5	74	17	17	55	15	41	0.33	0.28	0.33	0.29	1.9	1.6	0.68	0.79
	1/4	6	73	17	16	52	14	36	0.33	0.28	0.33	0.29	1.8	1.6	0.66	0.76
	5/16	8	71	16	15	47	13	32	0.33	0.28	0.33	0.28	1.9	1.5	0.63	0.72
	3/8	10	69	16	15	44	12	30	0.32	0.28	0.33	0.28	1.9	1.5	0.60	0.70
Optifloat Grey Tint	1/8	3	50	10	15	41	11	24	0.33	0.28	0.33	0.29	1.8	1.6	0.53	0.61
	3/16	5	42	8	15	32	8	17	0.33	0.28	0.33	0.29	1.9	1.6	0.45	0.51
	1/4	6	35	7	14	27	7	13	0.33	0.28	0.33	0.29	1.9	1.6	0.39	0.45
Optifloat Bronze Tint	1/8	3	57	12	15	45	12	25	0.33	0.28	0.33	0.29	1.8	1.6	0.57	0.66
	3/16	5	49	10	15	38	10	19	0.33	0.28	0.33	0.29	1.8	1.6	0.50	0.58
	1/4	6	44	9	14	32	8	14	0.33	0.28	0.33	0.29	1.9	1.6	0.45	0.52
Optifloat Blue-Green Tint	1/4	6	62	13	15	34	9	20	0.33	0.28	0.33	0.29	1.9	1.6	0.45	0.52
EverGreen High-Performance Tint	1/8	3	64	14	16	35	9	18	0.33	0.28	0.33	0.29	1.8	1.6	0.46	0.53
	3/16	5	61	13	16	31	8	14	0.33	0.28	0.33	0.29	1.8	1.6	0.41	0.47
	1/4	6	54	11	14	24	7	9	0.33	0.28	0.33	0.29	1.9	1.6	0.34	0.39
Arctic Blue High-Performance Tint	1/4	6	45	9	14	24	7	14	0.33	0.28	0.33	0.29	1.9	1.6	0.35	0.40
SuperGrey High-Performance Tint	1/8	3	21	5	14	15	5	4	0.33	0.28	0.33	0.29	1.8	1.6	0.26	0.30
	3/16	5	10	4	14	7	4	2	0.33	0.28	0.33	0.29	1.7	1.6	0.18	0.21
	1/4	6	7	4	13	5	4	1	0.33	0.28	0.33	0.29	1.7	1.6	0.15	0.18

Pilkington Eclipse Advantage™ Reflective Low-E Glass Outer Lite (#2 Surface) and Energy Advantage™ Low-E Glass Inner Lite (#3 Surface)

Eclipse Advantage Clear	1/4	6	56	27	29	39	21	18	0.30	0.25	0.31	0.26	1.7	1.4	0.51	0.59
Eclipse Advantage Grey	1/4	6	27	10	28	20	9	7	0.30	0.25	0.31	0.26	1.7	1.4	0.31	0.36
Eclipse Advantage Bronze	1/4	6	33	12	28	24	11	7	0.30	0.25	0.31	0.26	1.7	1.4	0.36	0.41
Eclipse Advantage Blue-Green	1/4	6	47	21	28	25	12	10	0.30	0.25	0.31	0.26	1.7	1.4	0.36	0.41
Eclipse Advantage EverGreen	1/4	6	41	17	28	18	9	5	0.30	0.25	0.31	0.26	1.7	1.4	0.27	0.31
Eclipse Advantage Arctic Blue	1/4	6	34	13	28	18	8	7	0.30	0.25	0.31	0.26	1.7	1.4	0.28	0.32

Pilkington Energy Advantage™ Low-E Glass Outer Lite (#2 Surface) and Clear Float Glass Inner Lite

Energy Advantage Low-E	3/32	2.5	76	17	18	62	16	48	0.33	0.28	0.34	0.29	1.9	1.6	0.67	0.77
	1/8	3	75	17	18	59	15	45	0.33	0.28	0.33	0.29	1.9	1.6	0.65	0.75
	5/32	4	74	16	17	56	14	42	0.33	0.28	0.33	0.29	1.8	1.6	0.63	0.73
	3/16	5	74	17	17	55	14	41	0.33	0.28	0.33	0.29	1.8	1.6	0.63	0.73
	1/4	6	73	16	17	52	13	36	0.33	0.28	0.33	0.29	1.8	1.6	0.61	0.71
	5/16	8	71	15	16	47	12	32	0.33	0.28	0.33	0.28	1.8	1.5	0.58	0.67
	3/8	10	69	15	16	44	12	30	0.32	0.28	0.33	0.28	1.8	1.5	0.56	0.65

For footnotes, please refer to page 21.