

Monolithic Performance Data^{1,10}

Product	Nominal Glass Thickness		Visible Light ²				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			
	in.	mm		Outside	Inside									

Pilkington Uncoated Float Glass

Optifloat Clear *	3/32	2.5	90	8	8	86	8	75	0.95	1.05	5.9	0.87	1.00
	1/8	3	90	8	8	84	8	72	0.94	1.04	5.8	0.86	0.99
	5/32	4	89	8	8	81	7	68	0.94	1.04	5.8	0.84	0.97
	3/16	5	89	8	8	80	7	65	0.93	1.03	5.8	0.83	0.96
	1/4	6	88	8	8	77	7	63	0.93	1.03	5.7	0.82	0.94
	5/16	8	87	8	8	73	7	57	0.92	1.01	5.7	0.79	0.91
	3/8	10	86	8	8	70	7	54	0.91	1.00	5.6	0.77	0.88
	1/2	12	84	8	8	64	6	49	0.89	0.98	5.5	0.73	0.84
	5/8	16	83	8	8	59	6	45	0.88	0.97	5.4	0.70	0.81
3/4	19	81	7	7	55	6	41	0.86	0.95	5.3	0.67	0.78	
Optifloat Grey Tint	1/8	3	61	6	6	59	6	35	0.94	1.04	5.8	0.69	0.80
	3/16	5	50	6	6	48	5	26	0.93	1.03	5.8	0.62	0.71
	1/4	6	44	5	5	41	5	21	0.93	1.02	5.7	0.57	0.66
	5/16	8	33	5	5	31	5	14	0.92	1.01	5.7	0.50	0.59
	3/8	10	28	5	5	26	5	11	0.91	1.00	5.6	0.47	0.55
Optifloat Bronze Tint	1/8	3	68	6	6	65	6	37	0.94	1.04	5.8	0.73	0.84
	3/16	5	59	6	6	55	6	28	0.93	1.03	5.8	0.67	0.77
	1/4	6	51	6	6	48	5	22	0.93	1.02	5.7	0.62	0.72
	5/16	8	44	5	5	39	5	16	0.92	1.01	5.7	0.56	0.65
	3/8	10	39	5	5	34	5	13	0.91	1.00	5.6	0.53	0.61
Optifloat Blue-Green Tint	1/2	12	29	5	5	25	4	8	0.89	0.98	5.5	0.47	0.55
	1/4	6	75	7	7	48	6	32	0.93	1.02	5.7	0.62	0.72
	5/16	8	70	7	7	40	5	25	0.92	1.01	5.7	0.57	0.66
EverGreen High-Performance Tint	3/8	10	67	6	6	36	5	21	0.91	1.00	5.6	0.54	0.63
	1/8	3	76	7	7	49	6	27	0.94	1.04	5.8	0.62	0.72
	3/16	5	73	7	7	42	5	21	0.93	1.03	5.8	0.58	0.67
Arctic Blue High-Performance Tint	1/4	6	66	6	6	33	5	14	0.93	1.02	5.7	0.52	0.60
	5/32	4	65	6	6	45	5	31	0.94	1.04	5.8	0.60	0.69
	1/4	6	53	6	6	33	5	20	0.93	1.02	5.7	0.52	0.60
SuperGrey High-Performance Tint	3/8	10	39	5	5	20	5	12	0.91	1.00	5.6	0.43	0.51
	1/8	3	25	5	5	23	4	6	0.94	1.04	5.8	0.45	0.52
	3/16	5	12	4	4	11	4	2	0.93	1.03	5.8	0.37	0.44
	1/4	6	9	4	4	8	4	1	0.93	1.03	5.7	0.35	0.41

Pilkington Optiwhite™ Low Iron Glass

Optiwhite Low Iron	1/8	3	91	8	8	90	8	87	0.94	1.04	5.8	0.91	1.04
	3/16	5	91	8	8	89	8	85	0.93	1.03	5.8	0.90	1.04
	1/4	6	91	8	8	89	8	84	0.93	1.02	5.7	0.90	1.03
	3/8	10	90	8	8	87	8	81	0.91	1.00	5.6	0.89	1.02
	1/2	12	90	8	8	86	8	79	0.90	0.99	5.5	0.88	1.01
	5/8	15	90	8	8	85	7	77	0.88	0.97	5.4	0.87	1.00
	3/4	19	89	8	8	83	7	74	0.86	0.95	5.3	0.86	0.99

Product	Nominal Thickness		Glass Substrate	Visible ² Transmittance %	Visible ² Reflectance On The Coated Side %	Visible ² Reflectance Glass Side %	Recommended Light Ratio	Proper Glazing
	in.	mm						
Pilkington Mirropane T.M.™	1/4	6	Grey	11	68	16	8:1 Subject-side: Observer-side	Mirror coating toward subject-side