

# Monolithic Glass Standards

## Pilkington Monolithic Annealed Glass Sizes

Product	Quality Levels <sup>1</sup>	Nominal Glass Thickness		Approx. Weight <sup>4</sup>		Thickness Tolerance Range <sup>1</sup>				Maximum Standard Size <sup>2,3</sup>	
		in.	mm	lb/ft <sup>2</sup>	kg/m <sup>2</sup>	in.		mm		in.	mm
						min.	max.	min.	max.		
<b>Optifloat</b> Clear, <b>Energy Advantage</b> Low-E, <b>Solar E</b> Solar Control Low-E Glass, or <b>Activ</b> Self-Cleaning Glass	Q3	3/32 (SS)	2.5	1.2	6	0.085	0.101	2.16	2.57	96x130	2438x3302
		1/8 (DS)	3	1.6	8	0.115	0.134	2.92	3.40	102x130	2591x3302
		5/32	4	2.1	10	0.149	0.165	3.78	4.19	130x180	3302x4572
	Q1/Q3	3/16	5	2.5	12	0.180	0.199	4.57	5.05	130x204	3302x5182
	Q2/Q3	1/4	6	3.1	15	0.228	0.244	5.80	6.20		
<b>Optifloat</b> Heavy Clear, <b>Energy Advantage</b> Low-E or <b>Solar E</b> Solar Control Low-E Glass	Q3	5/16	8	4.1	20	0.303	0.327	7.70	8.30	130x204	3302x5182
		3/8	10	5.0	24	0.355	0.406	9.02	10.31		
		1/2	12	6.6	32	0.469	0.531	11.91	13.49	130x240	3302x6096
		5/8	16	8.2	40	0.595	0.656	15.09	16.66	130x204	3302x5182
<b>Optifloat</b> Heavy Clear		3/4	19	9.9	48	0.719	0.781	18.26	19.84		
<b>Optifloat</b> Blue-Green Tint*, <b>EverGreen</b> High-Performance Tint or <b>SuperGrey</b> High-Performance Tint	Q3	1/8* (DS)	3	1.6	8	0.115	0.134	2.92	3.40	102x130	2591x3302
		3/16*	5	2.5	12	0.180	0.199	4.57	5.05	130x204	3302x5182
		1/4	6	3.1	15	0.228	0.244	5.80	6.20		
<b>Arctic Blue</b> High-Performance Tint	Q3	5/32	4	2.1	10	0.149	0.165	3.78	4.19	130x180	3302x4572
		1/4	6	3.1	15	0.228	0.244	5.80	6.20	130x204	3302x5182
		3/8	10	5.2	25	0.382	0.406	9.70	10.30		
<b>Optifloat</b> Heavy Blue-Green Tint	Q3	5/16	8	4.1	20	0.292	0.332	7.42	8.43	130x204	3302x5182
		3/8	10	5.0	24	0.355	0.406	9.02	10.31		
<b>Optifloat</b> Grey Tint or Bronze Tint	Q3	1/8 (DS)	3	1.6	8	0.115	0.134	2.92	3.40	102x130	2591x3302
		3/16	5	2.5	12	0.180	0.199	4.57	5.05	130x204	3302x5182
		1/4	6	3.1	15	0.228	0.244	5.80	6.20		
<b>Optifloat</b> Heavy Grey Tint or Bronze Tint	Q3	5/16	8	4.1	20	0.292	0.332	7.42	8.43	130x204	3302x5182
		3/8	10	5.0	24	0.355	0.406	9.02	10.31		
		1/2	12	6.6	32	0.469	0.531	11.91	13.49	130x240	3302x6096
<b>Eclipse Advantage</b> Reflective Low-E Glass or <b>Mirropane T.M.</b> Transparent Mirror	Q3	1/4	6	3.1	15	0.228	0.244	5.80	6.20	130x204	3302x5182
<b>Optiwhite</b> Low Iron Float Glass	Q3	1/8	3	1.6	7.6	0.110	0.126	2.80	3.20	88.6x126.4	2250x3210
		3/16	5	2.6	13	0.189	0.205	4.80	5.20		
		1/4	6	3.1	15	0.228	0.244	5.80	6.20		
		3/8	10	5.2	25	0.382	0.406	9.70	10.30		
		1/2	12	6.2	30	0.461	0.484	11.70	12.30	126.4x200.8	3210x5100
		5/8	15	7.8	38	0.571	0.610	14.50	15.50		
<b>Texture</b> Glass (all products except as noted below)	Q5	5/32	4	2.0	10	0.142	0.157	3.60	4.00	52.0x83.9	1320x2130
		1/4	6	3.1	15	0.228	0.244	5.70	6.30		
<b>Reeded</b> ( <b>Texture</b> Glass) (4mm)	Q5	5/32	4	2.1	10	0.150	0.165	3.80	4.20	52.0x83.9	1320x2130
<b>Austral</b> and <b>Morisco</b> ( <b>Texture</b> Glass)	Q5	5/32	4	2.0	10	0.142	0.157	3.80	4.20	63.0x98.4	1600x2500
<b>Rayado</b> , <b>Sparkel</b> and <b>Yacare</b> ( <b>Texture</b> Glass)	Q5	5/32	4	2.0	10	0.142	0.157	3.80	4.20	57.1x88.6	1450x2250

1. Per ASTM C 1036-01 or ISO / EN 572-2; with exception of **Texture**<sup>™</sup>.

2. Sizes listed may, in some cases, be too large to meet applicable static load requirements.  
For comprehensive technical data, visit our Website at [www.pilkington.com/sunmanagement](http://www.pilkington.com/sunmanagement).

3. Certain other thicknesses and sizes may be available upon request.

4. Based on the mean of the thickness tolerance range. Note glass density = 158 lb./cu.ft.

\* Pilkington **Optifloat**<sup>™</sup> Blue-Green Glass: 1/8" and 3/16" are not standard products.