

TOLERANCES

Fitting to Templates & Exact Sizes
For all glass that must be held to closer tolerances than standard tolerances (see Chart) there will be a nominal fitting charge

Standard Tolerances Chart

Thickness	Rectangles	Circles & Shapes
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3/16"	+/- 3/32	+/- 1/8
1/4"	+/- 1/8	+/- 1/8
3/8"	+/- 3/16	+/- 3/16
1/2"	+/- 1/4	+/- 3/16
5/8"	+/- 5/16	+/- 1/4
3/4"	+/- 3/8	+/- 1/4

Glass Weight

Use our handy chart to help calculate the weight of your fabricated products.

Glass Weight Chart

Thickness	Weight per sq. ft.
1/4"	3.3 lbs.
3/8"	5 lbs.
1/2"	7.5 lbs.
3/4"	10 lbs.
1"	14 lbs.

Holes

We stock various size drills from 1/8" thru 1/5". A double drill allows for clean holes. We can also countersink for special applications.

Distortion / Flaws

Float glass is the finest glass commercially available today. It is made in a continuous ribbon close to one mile in length and according to government specifications (#DD-G-451C) contains certain flaws, such as bubbles, seeds, scratches, distortions, etc.

Although this is a simplification, the specification says that if a flaw on heavy glass (3/8" or thicker) cannot be seen in normal room lighting from a distance of eleven feet the glass is considered to be perfect. All glass has a natural green tint; this tint is more noticeable when the glass is thicker or larger.