



Monolithic Glass Size Tolerance and Shaped Glass Parameters

Glass Thickness	Standard Tolerance
3/32"- 1/4"	+/-1/16"
3/8"	+/-3/32"
1/2"	+/-1/8"
3/4"	+/-3/16"

The tolerances listed above are our standard glass size tolerances, which follow the ASTM Standard C-1036-0. If tighter tolerances are needed, special instructions should be noted at time of order.

Insulated Glass Size Tolerances

Width or Height Dimension	IGMA Guidelines
Up to 30"	+1/8"/-1/16"
30-60"	+5/32"/-1/16"
60-84"	+3/16"/-1/16"
Over 84"	+1/4"/-1/16"

Insulated Glass Thickness Tolerances IGMA Guidelines

Unit Thickness	Minimum	Maximum
1/2"	.475	.550
9/16"	.535	.625
5/8"	.600	.700
3/4"	.700	.810
1"	.938	1.062

Shaped Glass Parameters

All patterns for shapes should be drawn with a narrow line, (pencil, pen etc.). Some writing utensils can create a "thick" line which may decrease the accuracy of the pattern. Northwestern Glass Fab will follow the inside of the line on supplied patterns, unless otherwise noted at time of order. If you require something different, this information must be noted on the pattern. If the pattern supplied is drawn with "wavy" lines your glass will match exactly what is drawn, so care should be put into making the pattern. Paper is the desired type of pattern; patterns received on

any other material may require additional cost. All quotes for shaped glass that requires any edgework will not be honored until the actual pattern is received by Northwestern Glass Fab to verify.

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