

TECHNICAL BULLETIN
Dimensional Tolerances, Length and Width

TABLE 1
Length and Width Dimensional Tolerances
for Monolithic Rectangular Shapes

Glass Thickness	Finished Size Tolerance Length and Width, plus or minus inches
1/8	1/16
5/32	1/16
3/16	1/16
1/4	1/16
5/16	5/64
3/8	3/32
1/2	1/8
5/8	5/32
3/4	3/16

From ASTM C 1048-04

Pattern Shapes

The above tolerances do not apply to pattern shapes. The dimensional tolerance for pattern shapes is dependent upon how the shape is presented to the factory. Shapes that are presented to us in the form of detailed drawings or CAD shapes can be reproduced in a cutting program more accurately than dimensions that we are required to determine from paper or hardboard patterns. Detailed drawings and CAD shapes will have a dimensional tolerance very close or equal to those in Table 1. Paper or hardboard patterns will be evaluated individually to determine the dimensional tolerances necessary.

TABLE 2
Length and Width Dimensional Tolerances
for Glass Doors

Glass Thickness, Inches	Door Type	Finished Size Tolerance Width, Inches	Finished Size Tolerance Height, Inches
3/8	AGA	+ 0 - 3/32	+ 0 - 3/32
1/2	AGA	+ 0 - 1/8	+ 0 - 1/8
3/4	AGA	+ 0 - 3/16	+ 0 - 3/16
1/2	B/P	+ 0 - 1/8	+ 0 - 1/8
3/4	B/P	+ 0 - 1/8	+ 0 - 1/8
1/2	P	+ 0 - 1/8	+ 0 - 1/8