

Thickness

Capabilities

Coresix maintains a variety of equipment and processes which are capable of fabricating glass from and to a wide range of thickness. Though we have limitations within certain processes, the versatility of our equipment allows us to be creative in meeting extreme specifications. The chart to the right is provided as a general guideline for some standard operations.

Process	Minimum	Maximum
Scribe & Break	.050mm	12.0mm
Water Jet	.400mm	50.0mm
Wire Saw	200.0mm	.560mm
CNC Edge	.400mm	25.0mm
Lap & Polish	.350mm	100.0mm

Tolerances

The glass materials with which we work most often have a wide variety of thickness tolerance (+/-) and total thickness variation (TTV) or parallelism which can be discussed upon request. Coresix can generally improve upon these characteristics through a lapping and polishing process. Though we are capable of tolerances to +/- 10µm, TTV of within a part to 2µm and TTV from part to part of <5µm, actual capabilities will vary and should be established per part requirements.

Customer
Input
Required

Yes

No

Default Specification: Manufacturers Tolerance