

## ACRYLIC ROD MANUFACTURING TOLERANCES

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### Tolerances of Acrylic Rod - CAST

Diameter (mm)	Tolerance (mm)
5-200	+/- 0.3

### Tolerances of Acrylic Rod - EXTRUDED

Diameter (mm)	Tolerance (mm)	Diameter (mm)	Tolerance (mm)
1-4	+0.3	24-25	+1.2
5-8	+0.5	26-27	+1.3
9-12	+0.7	28-30	+1.4
13-16	+0.9	32-35	+1.5
17-22	+1.0	40-45	+2.0
23	+1.1	50	+2.5

## ACRYLIC TUBE MANUFACTURING TOLERANCES

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### Tolerances of Acrylic Tube - CAST

Outside Diameter (mm)	Tolerance
45-50	+1% - 2%
51-100	+ 1% -1.5%
102-300	+ 0.5% -1%
400 & 500	on request

Wall Thickness (mm)	Tolerance
3	+/- 20%
4	+/- 15%
5	+/- 10%
6	+/- 10%

### Tolerances of Acrylic Tube - EXTRUDED

Outside Diameter (mm)	Tolerance
10-24	+/- 3%
26-50	+1% -2%
60-100	+0.5% -1.5%
110-150	+1% -2%
160-300	+/-2%

Tube size	Wall Thickness (mm)	Tolerance
10-150mm	3	+/-20%
	4	+/-15%
	5	+/-10%
160-300mm	3	+/-15%
	4 & 5	+/-15%