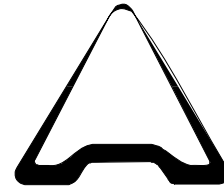


# PRODUCT TOLERANCES

## CAST & EXT ROD, BAR & TUBE



### ROD & BAR CAST ACRYLIC

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

### ROD EXTRUDED ACRYLIC

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

### TUBE

CAST		EXTRUDED		
Outside Diameter (mm)	Tolerance	Outside Diameter (mm)	Tolerance	
45-50	+1% - 2%	10-24	+/- 3%	
51-100	+ 1% -1.5%	26-50	+1% -2%	
102-300	+ 0.5% -1%	60-100	+0.5% -1.5%	
400 & 500	-	110-150	+1% -2%	
		160-300	+2%	
Wall Thickness (mm)		Tube size	Wall Thickness (mm)	
3	+/- 20%	10-150mm	3	+/-20%
4	+/- 15%		4	+/-15%
5	+/- 10%		5	+/-10%
6	+/- 10%			
		160-300mm	3	+/-15%
			4 & 5	+/-15%

NOTE: The nominal thickness or length and diameters should be considered at 20 degrees centigrade. Allowance of 0.7mm/m/10°C for other temperatures. All information is given as guidance only Alternative Plastics can not be responsible for errors or omissions. Please contact us if you are unsure.