

Round Tubing	ID - Inner Diameter Range (inches)			OD - Outer Diameter Range (inches) ₁			LG - Length (inches)			Straightness ₆
	0.008 - 1.999	2.000 - 4.249	4.250 - 6.500	0.010 - 1.999	2.000 - 4.249	4.250 - 6.500	Under 120.00 ₂	Over 120.00 ₂	ALL Tubes ≥ Ø 6.25" ₃	All sizes
Roll Wrapped (includes Fabric, Unidirectional, Braided Overwrap, & More)	+/- 0.006	+/- 0.010	+/- 0.015	+/- 0.012	+/- 0.020	+/- 0.025	+/- 0.125	+/- 0.25	+/-0.25	Tube can roll freely on a surface plate or inspection table
Pultruded, Pulbraided Tubing & Solid Rods		NA	NA		NA	NA	+/- 0.25		NA	
Camera Rails (15mm & 19mm) ₄	+/- 0.006	NA	NA	+/- 0.003	NA	NA	+/- 0.125	+/- 0.25	NA	
Filament Wound (sanded)	+/- 0.007	+/- 0.010	+/- 0.015	+/- 0.012	+/- 0.015	NA			+/-0.25	
Filament Wound (unsanded)				+/- 0.040	+/- 0.050	+/- 0.060				

Shaped Tubing ⁵	ID - Inner Flat to Flat (inches)			OD - Outer Flat to Flat (inches)		LG - Length (inches)		
	0.010 - 1.999	2.000 - 3.999	4.000 - 6.500	0.010 - 2.250	2.251 - 6.500	Under 120.00 ²	Over 120.00 ²	ALL Tubes ≥ Ø 6.25" ³
Square	+/- 0.006	+/- 0.010	+/- 0.015	+/- 0.020	+/- 0.030	+/- 0.125	+/- 0.25	+/- 0.25
Rectangular								
Hexagonal								
Octagonal								

Notes

- ¹ Most round tubes can be sanded to tighter tolerances for additional charge (requires minimum 0.005" less than nominal unsanded OD).
- ² Tighter tolerances available for cuts under 120" for additional charge.
- ³ Current saw capacity allows for cutting upto 7.00" outside diameter tubes.
- ⁴ Nominal OD for the 15mm rails is 0.588" OR 14.94mm. Nominal OD for the 19mm rails is 0.743" OR 18.87mm.
- ⁵ Radius of corners not called out - Typically, radius is mentioned in the details for each SKU on the website. Tolerances here apply to all online products **unless** stated otherwise on product page.
- ⁶ Straightness - Rock West inspects each tube manufactured for visible straightness. If a tube is visibly bent this tube will be rejected and isolated for closer inspection. In some cases, customer requirements dictate specific straightness tolerances. If you have a specific straightness specification outside of visible straightness (done without special equipment or fixturing) you must phone or communicate this straightness specification. Extra cost will be assessed as per tightness of your requirement.