

SMALL DIAMETER TUBING - SIZES AND TOLERANCES

WALL > 18%

SIZE RANGE		COMMON TOLERANCES					
Outside Diameter (mm)	OD	WALL	SIDING	OVALITY	BOW DEFLECTION	BOW LENGTH	
	+/- %	+/- %	+/- %	+/- %	mm	mm	
0 - 5MM	2.50%	10.0%	10.0%	2.0%	2.44	1220.00	
5.01 - 6MM	2.00%	10.0%	10.0%	1.5%	2.00	1220.00	
6.01 - 20MM	1.50%	8.0%	8.0%	1.5%	2.00	1220.00	
20.01 - 40mm	1.20%	10.0%	10.0%	1.5%	2.00	1220.00	
40.01 - 70mm	1.00%	10.0%	10.0%	1.5%	2.00	1220.00	
70.01mm+	1.00%	10.0%	10.0%	1.5%	2.00	1220.00	

WALL < 18%

SIZE RANGE		COMMON TOLERANCES					
Outside Diameter (mm)	OD	WALL	SIDING	OVALITY	BOW DEFLECTION	BOW LENGTH	
	+/- %	+/- %	+/- %	+/- %	mm	mm	
0 - 6mm	2.0%	10.0%	10.0%	2.0%	2.44	1220.00	
6.01 - 20mm	1.25%	8.0%	8.0%	1.5%	2.00	1220.00	
20.01 - 40mm	1.20%	8.0%	8.0%	1.5%	2.00	1220.00	
40.01 - 70mm	1.00%	10.0%	10.0%	1.5%	2.00	1220.00	
70.01mm+	1.50%	10.0%	10.0%	1.5%	2.00	1220.00	

LD TUBING - SIZES AND TOLERANCES

GE 214, 224, 244 LD (Large Diameter Tubing) Table

SIZE RANGE		COMMON TOLERANCES									
Inside Diameter	Common Wall Thickness		OD		ID	Wall		Siding		Bow (mm/ft)	
	Max	Min	Common	Special	Special	Common	Special	Common	Special	Common	Special
			+/- mm	+/- mm	+/- mm	+/- %	+/- %	+/- %	+/- %	+/- mm	+/- mm
Up to 165mm	6.0	2.5	2.0	PER REQUEST	PER REQUEST	20%	PER REQUEST	15%	PER REQUEST	0.3	PER REQUEST
Up to 165mm	6.0+	3.0	3.0			20%		15%		0.3	
166 to 250mm	6.0	3.0	2.0			20%		15%		0.3	
166 to 250mm	6.0+	3.0	3.0			20%		15%		0.3	
251 to 300mm	6.0	3.5	2.0			20%		15%		0.3	
251 to 300mm	6.0+	3.0	3.0			20%		15%		.03	
> 300mm	6.0	3.5	3.0			20%		20%		0.3	