

TUBE SIZE, GAUGES, WELD SEAM HEIGHT

ROUND TUBING SIZES

TUBE SIZE			MATERIAL GAUGES (NOMINAL THICKNESS)											
NOMINAL SIZE FRACTION	NOMINAL SIZE DECIMAL	NOMINAL SIZE METRIC	10 Ga (.134) 3.4mm	11 Ga (.120) 3mm	12 Ga (.109) 2.8mm	13 Ga (.095) 2.4mm	14 Ga (.083) 2.1mm	15 Ga (.072) 1.8mm	16 Ga (.065) 1.6mm	17 Ga (.056) 1.4mm	18 Ga (.049) 1.2mm	19 Ga (.042) 1.1mm	20 Ga (.035) .9mm	22 Ga (.028) .7mm
5/8	0.625	15.88			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3/4	0.750	19.05			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13/16	0.813	20.64		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0.849	21.56			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7/8	0.875	22.23		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0.938	23.81		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	0.995	25.27		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1	1.000	25.40		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.050	26.67		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 1/16	1.063	26.99		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.100	27.94		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 1/8	1.125	28.58		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	1.242	31.55		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 1/4	1.250	31.75	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1 5/16	1.313	33.34	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 3/8	1.375	39.43	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 1/2	1.500	38.10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 5/8	1.625	41.68	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 3/4	1.750	44.45	✓	✓	✓	✓	✓	✓	✓	✓	✓			
1 7/8	1.875	47.63	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	1.990	50.55	✓	✓	✓	✓	✓	✓	✓	✓	✓			
2	2.000	50.80	✓	✓	✓	✓	✓	✓	✓	✓	✓			
1 1/8	2.125	53.98	✓	✓	✓	✓	✓							
3	3.000	76.20	✓	✓	✓	✓	✓							

SQUARE TUBING SIZES

TUBE SIZE			MATERIAL GAUGES (NOMINAL THICKNESS)											
NOMINAL SIZE FRACTION	NOMINAL SIZE DECIMAL	NOMINAL SIZE METRIC	10 Ga (.134) 3.4mm	11 Ga (.120) 3mm	12 Ga (.109) 2.8mm	13 Ga (.095) 2.4mm	14 Ga (.083) 2.1mm	15 Ga (.072) 1.8mm	16 Ga (.065) 1.6mm	17 Ga (.056) 1.4mm	18 Ga (.049) 1.2mm	19 Ga (.042) 1.1mm	20 Ga (.035) .9mm	22 Ga (.028) .7mm
1/2	0.500	12.70						✓	✓	✓	✓	✓	✓	
5/8	0.625	15.88						✓	✓	✓	✓	✓	✓	
3/4	0.750	19.05				✓	✓	✓	✓	✓	✓	✓	✓	
7/8	0.875	22.23				✓	✓	✓	✓	✓	✓	✓	✓	
13/16	0.813	20.64										✓	✓	
1	1.000	25.40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
1 1/4	1.250	31.75	✓	✓	✓	✓	✓	✓	✓	✓	✓			
1 1/2	1.500	38.10	✓	✓	✓	✓	✓	✓	✓	✓	✓			
2	2.000	50.80	✓	✓	✓	✓	✓	✓	✓					

RECTANGLE TUBING SIZES

TUBE SIZE			MATERIAL GAUGES (NOMINAL THICKNESS)											
NOMINAL SIZE FRACTION	NOMINAL SIZE DECIMAL	NOMINAL SIZE METRIC	10 Ga (.134) 3.4mm	11 Ga (.120) 3mm	12 Ga (.109) 2.8mm	13 Ga (.095) 2.4mm	14 Ga (.083) 2.1mm	15 Ga (.072) 1.8mm	16 Ga (.065) 1.6mm	17 Ga (.056) 1.4mm	18 Ga (.049) 1.2mm	19 Ga (.042) 1.1mm	20 Ga (.035) .9mm	22 Ga (.028) .7mm
3 1/4 x 1.5	.75 x 1.50	19.05 x 38.1	✓	✓	✓	✓	✓	✓	✓	✓	✓			
3 1/4 x 2	.75 x 2.00	19.05 x 50.8	✓	✓	✓	✓	✓	✓	✓	✓	✓			
1 x 2	1.00 x 2.00	25.4 x 50.8	✓	✓	✓	✓	✓	✓	✓	✓	✓			
	.954 x 2.204	24.23 x 55.98	✓	✓	✓	✓	✓	✓	✓					
1 x 1 1/2	1.00 x 1.50	25.4 x 38.1	✓	✓	✓	✓	✓	✓	✓	✓	✓			
1 1/2 x 2	1.50 x 2.00	38.1 x 50.8	✓	✓	✓	✓	✓	✓	✓					
1 1/4 x 2	1.25 x 2.00	31.8 x 50.8	✓	✓	✓	✓	✓	✓	✓					
1 1/4 x 2 1/2	1.25 x 2.50	31.8 x 63.5	✓	✓	✓	✓	✓	✓	✓					
1 1/2 x 3	1.50 x 3.00	38.1 x 76.2	✓	✓	✓	✓	✓	✓	✓					

OVAL TUBING SIZES

TUBE SIZE			MATERIAL GAUGES (NOMINAL THICKNESS)											
NOMINAL SIZE FRACTION	NOMINAL SIZE DECIMAL	NOMINAL SIZE METRIC	10 Ga (.134) 3.4mm	11 Ga (.120) 3mm	12 Ga (.109) 2.8mm	13 Ga (.095) 2.4mm	14 Ga (.083) 2.1mm	15 Ga (.072) 1.8mm	16 Ga (.065) 1.6mm	17 Ga (.056) 1.4mm	18 Ga (.049) 1.2mm	19 Ga (.042) 1.1mm	20 Ga (.035) .9mm	22 Ga (.028) .7mm
.8750 x 1.50	7/8" x 1 1/2"	22.23 x 38.1			✓	✓	✓	✓	✓	✓	✓			

FLAT OVAL TUBING SIZES

TUBE SIZE			MATERIAL GAUGES (NOMINAL THICKNESS)											
NOMINAL SIZE FRACTION	NOMINAL SIZE DECIMAL	NOMINAL SIZE METRIC	10 Ga (.134) 3.4mm	11 Ga (.120) 3mm	12 Ga (.109) 2.8mm	13 Ga (.095) 2.4mm	14 Ga (.083) 2.1mm	15 Ga (.072) 1.8mm	16 Ga (.065) 1.6mm	17 Ga (.056) 1.4mm	18 Ga (.049) 1.2mm	19 Ga (.042) 1.1mm	20 Ga (.035) .9mm	22 Ga (.028) .7mm
.6250 x 2.8750	5/8" x 2 7/8"	15.88 x 73.03				✓	✓	✓	✓					
.6875 x 1.3750	11/16" x 1 3/8"	17.46 x 34.93				✓	✓	✓	✓					
1.1250 x 1.750	1 1/8" x 1 3/4"	28.58 x 44.45				✓	✓	✓	✓	✓	✓	✓		
1 1/4" x 2 1/4"	1 1/4" x 2 1/4"	31.8 x 57.15				✓	✓	✓	✓	✓	✓	✓		

SHAPED TUBING SIZES

TUBE SIZE			MATERIAL GAUGES (NOMINAL THICKNESS)											
NOMINAL SIZE FRACTION	NOMINAL SIZE DECIMAL	NOMINAL SIZE METRIC	10 Ga (.134) 3.4mm	11 Ga (.120) 3mm	12 Ga (.109) 2.8mm	13 Ga (.095) 2.4mm	14 Ga (.083) 2.1mm	15 Ga (.072) 1.8mm	16 Ga (.065) 1.6mm	17 Ga (.056) 1.4mm	18 Ga (.049) 1.2mm	19 Ga (.042) 1.1mm	20 Ga (.035) .9mm	22 Ga (.028) .7mm
2.5" SQ X 5 SIDES (SUPERMAN TUBE)			✓	✓	✓	✓	✓	✓						