



EXLTUBE



SQUARE, RECTANGULAR AND ROUND MECHANICAL TUBING

OUTSIDE DIAMETER		NOMINAL WALL THICKNESS								
SQUARE	RECTANGLE	16 ga .065	15 ga .072	14 ga .083	13 ga .095	12 ga .109	11 ga .120	10 ga .134	9 ga .148	8 ga .165
1 x 1		0.827	0.909	1.035	1.169	1.321	1.436	1.597	—	—
1-1/4 x 1-1/4		1.048	1.154	1.317	1.492	1.691	1.844	2.044	—	—
1-1/2 x 1-1/2		1.269	1.398	1.600	1.815	2.062	2.252	2.490	2.769	3.058
2 x 1		1.269	1.398	1.600	1.815	2.062	2.252	2.490	2.769	—
1-3/4 x 1-3/4	2 x 1-1/2	1.490	1.643	1.882	2.138	2.433	2.660	2.939	3.224	—
2 x 2		1.710	1.840	2.164	2.460	2.803	3.070	3.401	3.540	3.880
	3 x 1 & 2-1/2 x 1-1/2	1.710	1.840	2.164	2.460	2.803	3.070	3.401	3.540	—
3 x 1-1/2		1.890	2.090	2.446	2.700	3.174	3.480	3.700	4.040	—
2-1/2 x 2-1/2		2.120	2.330	2.728	3.030	3.544	3.900	4.150	4.540	5.239
	3 x 2	2.120	2.330	2.728	3.030	3.544	3.900	4.150	4.540	5.239
3 x 3		—	—	3.263	3.670	4.180	4.750	5.070	5.550	6.362
	4 x 2	—	—	3.263	3.670	4.180	4.750	5.070	5.550	6.362

CORNER RADIUS TOLERANCE

Squares & Equiv. Rect.	Wall Thickness	Radius Tolerance
1/2 to 4-1/8, incl	16 (0.65)	1/16 to 7/64
3/4 to 4-1/8, incl	14 (0.083)	5/64 to 1/8
1 to 4-1/8, incl	13 (0.095)	3/32 to 5/32
1-1/4 to 4, incl	12 (0.109)	1/8 to 13/64
1-1/4 to 4, incl	11 (0.120)	1/8 to 7/32

TOLERANCE LENGTH

- 0 + all

Aim +3/4"

TOLERANCE

Dimension	Tolerance
+5/8 to 1-1/8	+/- .005
+1-1/8 to 1-1/2	+/- .006
+1-1/2 to 2	+/- .008
+2 to 3	+/- .010
+3 to 4	+/- .020

Schedule 10 Specifications

Nominal Size Inches	Actual OD	Wall Size	Wt./Ft.
1-1/4	1.660	0.109	1.810
1-1/2	1.900	0.109	2.085

SQUARENESS
Max. = Widest Side
(inches) x .006"

WALL TOLERANCE
+/-10% of Nominal
Wall Thickness

STRAIGHTNESS
Tol. Max. = 1/16" in 3'

Schedule 40 Specifications

Nominal Size Inches	Actual OD	Wall Size	Wt./Ft.
1/2	0.840	0.109	0.850
3/4	1.050	0.113	1.130
1	1.315	0.133	1.680
1-1/4	1.660	0.140	2.270
1-1/2	1.900	0.145	2.720

Schedule 80 Specifications

Nominal Size Inches	Actual OD	Wall Size	Wt./Ft.
1-1/4	1.660	0.109	3.000
1-1/2	1.900	0.109	3.631

ROUND MECHANICAL TUBING

OUTSIDE DIAMETER		NOMINAL WALL THICKNESS							
DECIMAL	FRACTION	16 ga .064	15 ga .072	14 ga .083	13 ga .095	12 ga .109	11 ga .120	10 ga .134	9 ga .148
1.25	1-1/4	0.823	0.906	1.035	1.172	1.328	1.448	1.555	—
1.66		1.107	1.221	1.398	1.588	1.806	1.974	2.184	2.390
1.9		1.274	1.406	1.610	1.831	2.085	2.281	2.527	2.769
2.375	2-3/8	1.604	1.771	2.032	2.313	2.638	2.890	3.207	3.520

OUTSIDE DIMENSIONAL TOLERANCE

O.D. Range	GA	Tol. In.
3/4" to 1-1/8" incl.	16-11	+/- .0035
over 1-1/8" to 2" incl.	16-10	+/- .005
over 2" to 2-1/2"	16-7	+/- .006

811 Atlantic Street, North Kansas City, MO 64116

1.800.892.8823 • www.EXLTUBE.com

MECHANICAL BUNDLE CHART

OUTSIDE DIAMETER SQUARE RECTANGLE	20' BUNDLES					24' BUNDLES				
	14 Ga. 0.083	12 Ga. 0.109	11 Ga. 0.120	10 Ga. 0.134	9 Ga. 0.148	14 Ga. 0.083	12 Ga. 0.109	11 Ga. 0.120	10 Ga. 0.134	9 Ga. 0.148
1 x 1	104	104	104			104	104	104		
	2153	2748	2987			2583	3297	3584		
<i>Bundle Configuration</i>	8x13	8x13	8x13			8x13	8x13	8x13		
1-1/4 x 1-1/4	104	104	104			104	104	104		
	2739	3517	3836			3287	4221	4603		
	8x13	8x13	8x13			8x13	8x13	8x13		
1-1/2 x 1-1/2	100	100	50	50	50	100	100	50	50	50
	3584	4124	2252	2490	2769	3840	4949	2702	2988	3323
	10x10	10x10	5x10	5x10	5x10	10x10	10x10	5x10	5x10	5x10
2 x 1	100	50	50	50	50	100	50	50	50	50
	3200	2062	2252	2490	2769	3840	2474	2702	2988	3323
	10x10	10x5	10x5	10x5	10x5	10x10	10x5	10x5	10x5	10x5
1-3/4 x 1-3/4	50	50	50	50	50	50	50	50	50	50
	1882	2433	2660	2939	3224	2258	2920	3192	3527	3869
	5x10	5x10	5x10	5x10	5x10	5x10	5x10	5x10	5x10	5x10
2 x 1-1/2	60	60	60	60	60	60	60	60	60	60
	2256	2920	3192	3527	3869	2711	3504	3831	4233	4643
	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6
2 x 2	50	50	50	50	50	50	50	50	50	50
	2164	2803	3070	3401	3540	2597	3364	3684	4081	4248
	5x10	5x10	5x10	5x10	5x10	5x10	5x10	5x10	5x10	5x10
3 x 1	60	60	60	60	60	60	60	60	60	60
	2597	3364	3684	4081	4248	3116	4036	4421	4897	5098
	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6
2-1/2 x 1-1/2	60	60	60	60	60	60	60	60	60	60
	2597	3364	3684	4081	4248	3116	4036	4421	4897	5098
	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6	10x6
3 x 1-1/2	50	50	50	50	50	50	50	50	50	50
	2446	3174	3480	3700	4040	2935	3809	4176	4440	4848
	10x5	10x5	10x5	10x5	10x5	10x5	10x5	10x5	10x5	10x5
2-1/2 x 2-1/2	48	48	48	48	48	48	48	48	48	48
	2619	3402	3744	3984	4358	3143	4083	4493	4781	5230
	6x8	6x8	6x8	6x8	6x8	6x8	6x8	6x8	6x8	6x8
3 x 2	49	49	49	49	49	49	49	49	49	49
	2673	3473	3822	4067	4449	3208	4168	4586	4880	5339
	7x7	7x7	7x7	7x7	7x7	7x7	7x7	7x7	7x7	7x7
3 x 3	42	42	42	42	42	42	42	42	42	42
	2741	3511	3990	4259	4662	3289	4213	4788	5111	5594
	6x7	6x7	6x7	6x7	6x7	6x7	6x7	6x7	6x7	6x7
4 x 2	40	40	40	40	40	40	40	40	40	40
	2610	3343	3800	4056	4440	3132	4012	4560	4867	5328
	8x5	8x5	8x5	8x5	8x5	8x5	8x5	8x5	8x5	8x5

Schedule 10 Specifications

21' 42'

Nominal Size Inches	Actual OD	Wall Size	Pcs/Bdl - Weight Schd 10	
1-1/4	1.660	0.109	70 2661	70 5322
1-1/2	1.900	0.109	61 2671	61 5342

Schedule 80 Specifications

21' 42'

Nominal Size Inches	Actual OD	Wall Size	Pcs/Bdl - Weight Schd 80	
1-1/4	1.660	0.191	70 4410	70 8820
1-1/2	1.900	0.200	61 4651	61 9303

Schedule 40 Specifications

21' 42'

Nominal Size Inches	Actual OD	Wall Size	Pcs/Bdl - Weight Schd 40	
1/2	0.840	0.109	91 1624	
3/4	1.050	0.113	91 2159	
1	1.315	0.133	79 2787	
1-1/4	1.660	0.140	70 3337	70 6674
1-1/2	1.900	0.145	61 3484	61 6969

BUNDLE CHART H X W

H = PIECES/VERTICAL ROW

W = PIECES/HORIZONTAL ROW