



PRODUCT DATA SHEET

Rack Tubing

Theoretical Weight Per Foot in Pounds

Rack Tubing — O.D. sizes & wall thicknesses ROUNDS

Outside Diameter		Nominal Wall Thickness																			O D Decimal			
		.083 14 Ga.	.095 13 Ga.	.109 12 Ga.	¹ / ₈	.134 10 Ga.	.148 9 Ga.	.165 8 Ga.	³ / ₁₆	.203 6 Ga.	.220 5 Ga.	.237 4 Ga.	¹ / ₄	.277	.280	⁵ / ₁₆	.322	³ / ₈	.375	.406		.432	¹ / ₂	.500
Decimal	Fraction																							
2.875	2 ⁷ / ₈	2.48	2.82	3.22	3.67	3.92	4.31	4.78	5.40	5.79	6.24	6.68	7.01											2.875
3.000	3	2.59	2.95	3.37	3.84	4.10	4.51	5.00	5.65	6.06	6.53	6.99	7.34											3.000
3.500	3 ¹ / ₂	3.03	3.45	3.95	4.51	4.82	5.30	5.88	6.65	7.15	7.71	8.26	8.68											3.500
4.000	4	3.47	3.96	4.53	5.18	5.53	6.09	6.76	7.65	8.23	8.88	9.52	10.01	11.01	11.12	12.33	12.65	14.52						4.000
4.500	4 ¹ / ₂	3.92	4.47	5.11	5.85	6.25	6.88	7.64	8.66	9.32	10.06	10.79	11.35	12.49	12.62	14.00	14.37	16.52	17.75	18.77	21.36			4.500
5.000	5	4.36	4.98	5.69	6.51	6.96	7.67	8.52	9.66	10.40	11.23	12.06	12.68	13.97	14.11	15.67	16.09	18.52	19.92	21.08	24.03			5.000
5.500	5 ¹ / ₂								10.67	11.48	12.41	13.32	14.02	15.45	15.61	17.34	17.81	20.53	22.09	23.38	26.70			5.500
5.563	5 ⁹ / ₁₆								10.79	11.62	12.55	13.48	14.19	15.64	15.80	17.55	18.02	20.78	22.36	23.67	27.04			5.563
6.000	6								11.67	12.57	13.58	14.59	15.35	16.93	17.11	19.01	19.53	22.53	24.26	25.69	29.37			6.000
6.625	6 ⁵ / ₈								12.92	13.92	15.05	16.17	17.02	18.78	18.97	21.10	21.68	25.03	26.97	28.57	32.71			6.625
7.000	7								13.68	14.74	15.93	17.12	18.02	19.89	20.10	22.35	22.97	26.53	28.59	30.30	34.71			7.000
7.625	7 ⁵ / ₈								14.93	16.09	17.40	18.70	19.69	21.74	21.96	24.44	25.11	29.04	31.30	33.19	38.05			7.625
8.625	8 ⁵ / ₈								16.94	18.26	19.75	21.23	22.36	24.70	24.95	27.79	28.55	33.04	35.64	37.80	43.39			8.625
9.625	9 ⁵ / ₈								18.95	20.43	22.10	23.76	25.03	27.65	27.95	31.13	31.99	37.05	39.97	42.41	48.73			9.625

Rack Tubing — O.D. sizes & wall thicknesses SQUARE & RECTANGULAR

Outside Diameter		Nominal Wall Thickness													
SQUARES	RECTANGLES	.083 14 Ga.	.095 13 Ga.	.109 12 Ga.	1/8	.134 10 Ga.	.148 9 Ga.	.165 8 Ga.	3/16	.203 6 Ga.	.220 5 Ga.	1/4	5/16	3/8	1/2
1-1/2 x 1-1/2					3.05	2.33	2.53	2.76	3.04						
2 x 2	1 x 3	2.16	2.46	2.80	3.07	3.25	3.54	3.88	4.32	4.60	4.91	5.41			
	2-1/16 x 2-1/8	2.21	2.51	2.84	3.21	3.42	3.73	4.09	4.56	4.86	5.19	5.73			
2-1/8 x 2-1/8	1-1/4 x 3	2.25	2.55	2.89	3.27	3.47	3.79	4.16							
2.17 x 2.17		2.30	2.60	2.95	3.34	3.56	3.88	4.26	4.75	5.07	5.42	5.99			
	1-1/2 x 3	2.39	2.71	3.07	3.48	3.70	4.04	4.44	4.96	5.29	5.65	6.26			
2-1/2 x 2-1/2	1-1/2 x 3-1/2	2.67	3.03	3.44	3.90	4.16	4.55	5.01	5.59	5.99	6.40	7.11			
	2 x 3	2.95	3.35	3.81	4.33	4.61	5.05	5.57	6.23	6.68	7.15	7.96			
3 x 3	2 x 4	3.24	3.68	4.19	4.75	5.07	5.55	6.13	6.87	7.37	7.90	8.81	10.58		
	2 x 4-1/2	3.52	4.00	4.56	5.18	5.53	6.06	6.69	7.51	8.06	8.65	9.66			
3-1/2 x 3-1/2	2 x 5	3.80	4.32	4.93	5.61	5.98	6.56	7.25	8.15	8.75	9.40	10.51	12.71		
4 x 4	2 x 6	4.36	4.97	5.67	6.46	6.89	7.57	8.37	9.42	10.13	10.89	12.21	14.83	17.27	21.63
	3 x 6								10.70	11.51	12.39	13.91	16.96	19.82	25.03
5 x 5	3 x 7		4 x 6	2 x 8					11.97	12.89	13.89	15.62	19.08	22.37	28.43
	3 x 8		4 x 7						13.25	14.27	15.39	17.32	21.21	24.93	31.84
6 x 6	4 x 8		5 x 7	2 x 10					14.53	15.66	16.88	19.02	23.34	27.48	35.24
7 x 7	4 x 10		6 x 8	2 x 12					17.08	18.42	19.88	22.42	27.59	32.58	42.05
8 x 8	4 x 12		6 x 10						19.63	21.18	22.87	25.82	31.84	37.69	48.85
	6 x 12		8 x 10									29.23	36.10	42.79	55.66
10 x 10	8 x 12											32.63	40.35	47.90	62.46

This table is based on commonly used sizes. Other sizes are within Leavitt Tube Company's production capabilities. We invite your inquiry.



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Rack Tubing

Leavitt Tube Company produces square and rectangular steel tubing for a wide variety of racking systems including:

- Standard pallet racks
- Cantilever racks
- Portable pallet rackers
- Stacking steel pallets

Currently supplying numerous rack manufacturers with a broad range of sizes from 1-1/2 square to 10 square and equivalent rectangles, as shown in Table #1.

Produced to ASTM Specifications A500 or ASTM A513. We have all commonly used sizes and wall thicknesses in 24 and 40 lengths. We also stock special rack sizes including 2-1/8 square, 2.17 square and 2-1/2 x 3-1/2 .

Non-stock mill lengths to over 60 and less frequently used sizes and wall thicknesses are custom produced from regularly scheduled mill rollings.

Using state-of-the-art cutting equipment, Leavitt Tube Company can also provide rack tubing pre-cut to your required finished length. Table #2 includes the length tolerances for mill lengths and recuts.

Overall, purchasing rack tubing from Leavitt Tube Company can provide you with the convenience of ordering a multitude of sizes, wall thicknesses and lengths on one purchase order. This reduces inbound shipments and presents the cost savings advantage of purchasing what you need when you need it.

For more information on how we can help you save time and money, just call the "Tube People".

TABLE 1 Leavitt Tube Company Length Tolerances

1-1/2 Sq., 14 Ga. To 2 Sq., 8 Ga.	
Mill Punch Cut Length	Tolerance Inches
3 to 12	±3/32
Over 12 to 20	±1/8
Over 20 to 30	±3/16
Over 30 to 40	±5/16

Recut	Tolerance Inches
To 3	± 3/32
Over 3 to 8	± 1/16

2 Sq., .188 Ga. To 10 Sq., .500 Ga.	
Mill Saw Cut	Tolerance Inches
20 & Over	- 1/4 + All

Recut	Tolerance Inches
1 to 15	± 1/16
Over 15 to 40	± 1/8



The Tube People

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