

Square and Rectangular Mechanical Tube



Theoretical Weights Table				Theoretical Weights Table			
Ptr Square				Ptr Square			
Profile dimensions	Thickness (In)	Caliber	Kg/m	Profile dimensions	Thickness (In)	Caliber	Kg/m
1" X 1"	0.0747	C-14	1.480	3 1/2" X 3 1/2"	0.0747	C-14	5.156
	0.0897	C-13*	1.754		0.0897	C-13*	6.167
	0.1046	C-12	2.040		0.1046	C-12*	7.182
	0.1196	C-11*	2.320		0.1196	C-11	8.188
1 1/4" X 1 1/4"	0.0747	C-14	1.851	4" X 4"	0.1250	1/8*	8.548
	0.0897	C-13*	2.205		0.1345	C-10*	9.153
	0.1046	C-12	2.555		0.1495	C-9	10.144
	0.1196	C-11*	2.903		0.1793	C-7	12.093
1 1/2" X 1 1/2"	0.0747	C-14	2.221	4 1/2" X 4 1/2"	0.1875	3/16*	12.627
	0.0897	C-13*	2.264		0.2500	1/4*	16.671
	0.1046	C-12	3.055		0.2800	*	18.558
	0.1196	C-11	3.517		0.0747	C-14	5.945
2" X 2"	0.0747	C-14	2.971	5" X 5"	0.0897	C-13*	7.116
	0.0897	C-13*	3.553		0.1046	C-12*	8.277
	0.1046	C-12	4.133		0.1196	C-11	9.415
	0.1196	C-11	4.701		0.1250	1/8*	9.859
	0.1250	1/8*	4.863		0.1345	C-10*	10.588
	0.1345	C-10*	5.215		0.1495	C-9	11.738
	0.1495	C-9	5.771		0.1793	C-7	14.014
	0.1793	C-7*	6.848		0.1875	3/16*	14.627
	0.1875	3/16*	7.132		0.2500	1/4	19.287
0.2500	1/4	9.294	0.2800	*	21.487		
2 1/2" X 2 1/2"	0.0747	C-14	3.718	6" X 2"	0.1046	C-12*	9.467
	0.0897	C-13*	4.428		0.1196	C-11*	10.800
	0.1046	C-12*	5.153		0.1250	1/8*	11.275
	0.1196	C-11	5.877		0.1345	C-10*	12.118
	0.1250	1/8*	6.133		0.1495	C-9*	13.439
	0.1345	C-10*	6.592		0.1793	C-7*	16.054
	0.1495	C-9	7.236		0.1875	3/16*	16.760
	0.1793	C-7	8.596		0.2500	1/4*	22.118
	0.1875	3/16*	8.97		0.2800	*	24.672
	0.2500	1/4*	11.745		0.1196	C-11*	11.942
	0.0747	C-14	4.446		0.1250	1/8*	12.462
	0.1046	C-12*	6.175		0.1345	C-10*	13.395
	0.1196	C-11	7.040		0.1495	C-9*	14.859
	0.1250	1/8*	7.345		0.1793	C-7*	17.748
0.1345	C-10*	7.883	0.1875	3/16	18.531		
0.1495	C-9	8.732	0.2500	1/4	24.493		
0.1793	C-7	10.408	0.2800	*	27.317		
0.1875	3/16*	10.408					
0.2500	1/4*	14.284					

Theoretical Weights Table			
Ptr Rectangular			
Profile dimensions	Thickness (In)	Caliber	Kg/m
1 1/2" X 1/2"	0.0747	C-14*	1.480
	0.0897	C-13*	1.754
	0.1046	C-12*	2.040
	0.1196	C-11*	2.320
1 1/2" X 1"	0.0747	C-14*	1.851
	0.0897	C-13*	2.205
	0.1046	C-12*	2.555
	0.1196	C-11*	2.903
1 3/4" X 3/4"	0.0747	C-14*	1.851
	0.0897	C-13*	2.205
	0.1046	C-12*	2.555
	0.1196	C-11*	2.903
2" X 1"	0.0747	C-14	2.221
	0.0897	C-13*	2.264
	0.1046	C-12*	3.055
	0.1196	C-11	3.517
2 1/4" X 3/4"	0.0747	C-14*	2.221
	0.0897	C-13*	2.264
	0.1046	C-12*	3.055
	0.1196	C-11*	3.517
2 1/2" X 1 1/4"	0.0747	C-14*	2.785
	0.1046	C-12*	3.931
	0.1196	C-11*	4.483
	0.0747	C-14	2.971
2 1/2" X 1	0.0897	C-13*	3.553
	0.1046	C-12*	4.133
	0.1196	C-11*	4.701
	0.1250	1/8*	4.863
	0.1345	C-10*	5.215
	0.1495	C-9*	5.771
	0.1793	C-7*	6.848
	0.1875	3/16*	7.132
	0.2500	1/4*	9.294
	0.0747	C-14*	2.785
	0.1046	C-12*	3.931
0.1196	C-11*	4.483	
2 3/4" X 1"	0.0747	C-14*	2.971
	0.0897	C-13*	3.553
	0.1046	C-12*	4.133
	0.1196	C-11*	4.701
	0.1250	1/8*	4.863
	0.1345	C-10*	5.215
	0.1495	C-9*	5.771
	0.1793	C-7*	6.848
	0.1875	3/16*	7.132
	0.2500	1/4*	9.294

Theoretical Weights Table			
Ptr Rectangular			
Profile dimensions	Thickness (In)	Caliber	Kg/m
3" X 2"	0.0747	C-14	3.718
	0.0897	C-13*	4.428
	0.1046	C-12*	5.153
	0.1196	C-11	5.877
4" X 2"	0.1250	1/8*	6.133
	0.1345	C-10	6.592
	0.1495	C-9*	7.236
	0.1793	C-7	8.596
5" X 2"	0.1875	3/16*	8.97
	0.2500	1/4*	11.745
	0.0747	C-14	4.446
	0.1046	C-12*	6.175
6" X 2"	0.1196	C-11	7.040
	0.1250	1/8*	7.345
	0.1345	C-10*	7.883
	0.1495	C-9	8.732
8" X 3"	0.1793	C-7	10.408
	0.1875	3/16*	10.408
	0.25	1/4*	14.284
	0.0747	C-14	5.156
4" X 3"	0.0897	C-13*	6.167
	0.1046	C-12*	7.182
	0.1196	C-11	8.188
	0.1250	1/8*	8.548
	0.1345	C-10*	9.153
	0.1495	C-9	10.144
	0.1793	C-7	12.093
	0.1875	3/16*	12.627
	0.2500	1/4*	16.671
5" X 3"	0.2800	*	18.558
	0.0747	C-14*	5.156
	0.0897	C-13*	6.177
	0.1046	C-12*	7.182
	0.1196	C-11*	8.188
	0.125	1/8*	8.545
	0.1345	C-10*	9.153
	0.1495	C-9*	10.144
	0.1793	C-7*	12.093
	0.1875	3/16*	12.627
	0.25	1/4*	16.671
6" X 3"	0.28	*	18.558
	0.1196	C-11*	11.942
	0.1250	1/8*	12.462
	0.1345	C-10*	13.395
	0.1495	C-9*	14.859
	0.1793	C-7*	17.748
	0.1875	3/16	18.531
	0.2500	1/4	24.493
	0.2800	*	27.317
	0.1196	C-11*	12.889

Theoretical Weights Table			
Ptr Rectangular			
Profile dimensions	Thickness (In)	Caliber	Kg/m
5" X 3"	0.0747	C-14*	5.945
	0.0897	C-13*	7.116
	0.1046	C-12*	8.277
	0.1196	C-11*	9.415
6" X 3"	0.1250	1/8*	9.859
	0.1345	C-10*	10.588
	0.1495	C-9*	11.738
	0.1793	C-7*	14.014
8" X 3"	0.1875	3/16*	14.627
	0.2500	1/4*	19.287
	0.2800	*	21.487
	0.0747	C-14	5.945
6" X 4"	0.0897	C-13*	7.116
	0.1046	C-12*	8.277
	0.1196	C-11*	9.415
	0.1250	1/8*	9.859
	0.1345	C-10*	10.588
	0.1495	C-9*	11.738
	0.1793	C-7*	14.014
	0.1875	3/16*	14.627
	0.2500	1/4*	19.287
	0.2800	*	21.487
	0.1046	C-12*	9.467
8" X 3"	0.1196	C-11*	10.800
	0.1250	1/8*	11.275
	0.1345	C-10*	12.118
	0.1495	C-9*	13.439
	0.1793	C-7*	16.054
	0.1875	3/16*	16.760
	0.2500	1/4*	22.118
	0.2800	*	24.672
	0.1196	C-11*	11.942
	0.1250	1/8*	12.462
	0.1345	C-10*	13.395
	0.1495	C-9*	14.859
	0.1793	C-7*	17.748
	0.1875	3/16	18.531
0.2500	1/4	24.493	
0.2800	*	27.317	

Note: Consult special products at manufacturing minimums with your sales representative.
* Special manufacturing measures.