

**SEAMLESS CARBON STEEL TUBING**  
**Manufacturing Ranges**  
**STANDARDS: ASTM A 179 / A 192 / A 210 A1 AND SAE J5.**

OUTSIDE DIAMETER	GAUGE	WALL	KG/m
<b>1/2"</b>			
1/2"	BWG 12	0.109"	0.72
1/2"	BWG 13	0.095"	0.64
1/2"	BWG 14	0.083"	0.58
1/2"	BWG 16	0.065"	0.47
1/2"	BWG 18	0.049"	0.37
1/2"	BWG 20	0.035"	0.28
<b>5/8"</b>			
5/8"	BWG 12	0.109"	0.94
5/8"	BWG 13	0.095"	0.84
5/8"	BWG 14	0.083"	0.75
5/8"	BWG 16	0.065"	0.61
5/8"	BWG 18	0.049"	0.47
<b>3/4"</b>			
3/4"	BWG 10	0.134"	1.39
3/4"	BWG 11	0.120"	1.28
3/4"	BWG 12	0.109"	1.17
3/4"	BWG 13	0.095"	1.04
3/4"	BWG 14	0.083"	0.93
3/4"	BWG 15	0.075"	0.85
3/4"	BWG 16	0.065"	0.75
<b>7/8"</b>			
7/8"	BWG 10	0.134"	1.67
7/8"	BWG 11	0.120"	1.52
7/8"	BWG 12	0.109"	1.41
7/8"	BWG 13	0.095"	1.25
7/8"	BWG 14	0.083"	1.11
7/8"	BWG 16	0.065"	0.89
<b>1"</b>			
1"	BWG 10	0.134"	1.96
1"	BWG 11	0.120"	1.78
1"	BWG 12	0.109"	1.64
1"	BWG 13	0.095"	1.45
1"	BWG 15	0.075"	1.17
1"	BWG 14	0.083"	1.28
1"	BWG 16	0.065"	1.02
<b>1 1/4"</b>			
1 1/4"	BWG 8	0.165"	3.02
1 1/4"	BWG 9	0.148"	2.74
1 1/4"	BWG 10	0.134"	2.52
1 1/4"	BWG 11	0.120"	2.29
1 1/4"	BWG 12	0.109"	2.10
1 1/4"	BWG 13	0.095"	1.85
1 1/4"	BWG 14	0.083"	1.63
1 1/4"	BWG 16	0.065"	1.29

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OUTSIDE DIAMETER	GAUGE	WALL	KG/m
<b>1 1/2"</b>			
1 1/2"	BWG 7	0.180"	4.00
1 1/2"	BWG 8	0.165"	3.72
1 1/2"	BWG 9	0.148"	3.37
1 1/2"	BWG 10	0.134"	3.09
1 1/2"	BWG 11	0.120"	2.79
1 1/2"	BWG 12	0.109"	2.56
1 1/2"	BWG 13	0.095"	2.25
1 1/2"	BWG 14	0.083"	1.98
1 1/2"	BWG 16	0.065"	1.57
<b>1 3/4"</b>			
1 3/4"	BWG 7	0.180"	4.75
1 3/4"	BWG 8	0.165"	4.41
1 3/4"	BWG 9	0.143"	4.00
1 3/4"	BWG 10	0.134"	3.60
1 3/4"	BWG 11	0.120"	3.30
1 3/4"	BWG 12	0.109"	3.02
1 3/4"	BWG 13	0.095"	2.66
1 3/4"	BWG 14	0.083"	2.33
<b>2"</b>			
2"	BWG 7	0.180"	5.52
2"	BWG 8	0.165"	5.11
2"	BWG 9	0.148"	4.63
2"	BWG 10	0.134"	4.21
2"	BWG 11	0.120"	3.80
2"	BWG 12	0.109"	3.47
2"	BWG 13	0.095"	3.05
2"	BWG 14	0.083"	2.68
<b>2 1/4"</b>			
2 1/4"	BWG 7	0.180"	6.27
2 1/4"	BWG 8	0.165"	5.80
2 1/4"	BWG 9	0.148"	5.24
2 1/4"	BWG 10	0.134"	4.77
2 1/4"	BWG 12	0.109"	3.93
2 1/4"	BWG 13	0.095"	3.44
2 1/4"	BWG 14	0.083"	3.03
<b>2 1/2"</b>			
2 1/2"	BWG 7	0.180"	7.04
2 1/2"	BWG 8	0.165"	6.50
2 1/2"	BWG 9	0.148"	5.88
2 1/2"	BWG 10	0.134"	5.35
2 1/2"	BWG 11	0.120"	4.82
2 1/2"	BWG 12	0.109"	4.40
2 1/2"	BWG 13	0.095"	3.86
2 1/2"	BWG 14	0.083"	3.39
<b>3"</b>			
3"	BWG 7	0.180"	8.57
3"	BWG 8	0.165"	7.89
3"	BWG 9	0.148"	7.13
3"	BWG 10	0.134"	6.48
3"	BWG 11	0.120"	5.84
3"	BWG 12	0.109"	5.32