




All STEEL PRODUCTS, Inc.

- 
- A background image showing stacks of various steel products, including pipes and squares, in a warehouse or industrial setting. The image is semi-transparent and overlaid with a diagonal line.
- **Steel Pipe – 1/8” through 120” O.D.**
 - **Mechanical Squares & Rectangulars – 1/2” thru 4” Square
Equal Rectangulars**
 - **Structural Squares & Rectangulars – 1-1/2” thru 16” Square
Equal Rectangulars**
 - **Mechanical Round Tubing – 3/16” through 16” O.D.**

**Stock Lengths, Cut, Miter Cut, Plain End, Square Cut,
Beveled, Threaded & Coupled, Bare, Black,
Primered, Galvanized, Hot Rolled, Pickled, Cold Rolled**

STAUNTON, ILLINOIS

(800) 838-4282

(618) 635-7777

FAX (618) 635-2401



All STEEL PRODUCTS, Inc.

Dear Customers:

All Steel would like to thank all of our loyal customers for their valued business over the last several years. We invite new customers to experience our service, dependability and large selection of steel pipe and tube.

All Steel stocks the full range of steel pipe from 1/8" thru 42" O.D. Square Tubing 1/2" thru 16" x .625 Walls and equal rectangular sizes. Round Electric Tubing 1/2" thru 16" O.D. Our stock includes bare, black, primed and galvanized pipe. The Round Electric Welded is stocked in hot rolled black, hot rolled pickled and oiled and cold rolled.

Our warehouse facilities now exceed 250,000 square feet. The steel pipe storage yards now cover 43 acres with the addition of our Staunton, Illinois facility.

We provide cutting, de-burring, beveling and threading services. Our ability to quote delivered prices on one piece or truckloads to our customers has given us the opportunity to service a larger market each and every year.

Our sales staff has several years experience in the carbon steel pipe and tube industry. They will offer their expertise on any inquiry you may have large or small.

We appreciate your continued business and look forward to servicing you in the future.

Sincerely,

A handwritten signature in black ink that reads "Mike Favre".

Mike Favre
President



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(618) 635-7777 FAX (618) 635-2401

PRODUCTS & SERVICES

available from

AII STEEL PRODUCTS, Inc.

STEEL PIPE - PRIME

Stocked in seamless, electric weld, continuous weld and double submerged arc weld in sizes from 1/8" through 48" O.D.

GRADES

ASTM A-106, A-53, SA-53, API 5L, X-Grades, A-500, A-501, A-252 and SA-106

STEEL PIPE

Structural grade in sizes from 1/8" through 48" O.D. with larger sizes available if requested.
Our pipe thickness ranges from schedule 5's through double extra heavy walls.

SQUARE AND RECTANGULAR

Sizes from 1/2" square .035 wall through 16" square .625 wall and equal sizes of rectangular.

MECHANICAL TUBING

Sizes from 3/16" round .035 wall through 16" O.D. x .134 wall. Some intermediate wall thicknesses of up to .500".

SHIPPING

Over the road flatbeds and rail shipments, shipped via the Norfolk and Southern or Burlington Northern.

SAW CUTTING

Cutting through 25" O.D. with miter capabilities through 18" O.D.

MECHANICAL TORCH

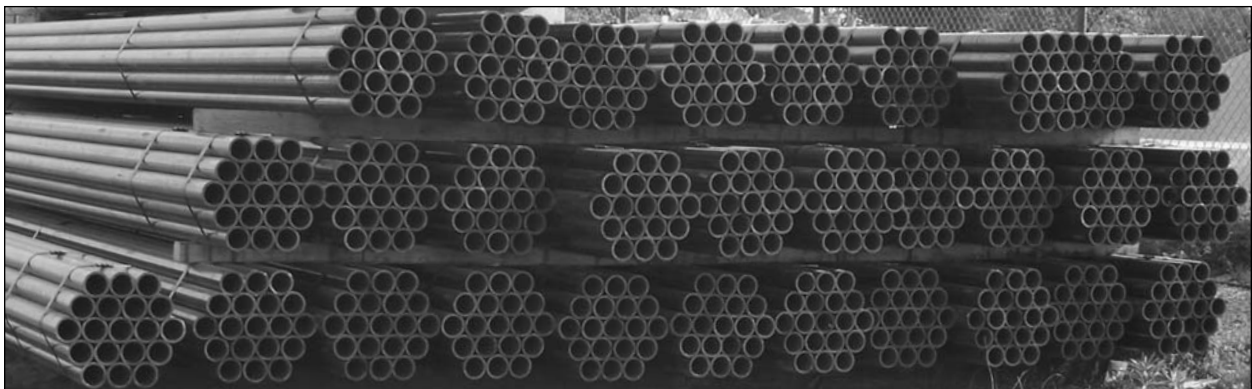
Sizes over 25" O.D. through 120" O.D.

THREADING

Thread through 12-3/4" O.D.

SURFACE PREPARATION

Wheel-a-brate, sand blast, galvanize, oil, paint and pickling.



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SPECIFICATIONS FOR STEEL PIPE

Published pipe standards serve three functions.

1. They dictate manufacturing and testing requirements and prescribed methods of measuring the required mechanical and physical properties.
2. Without specifications, it would be difficult for the pipe buyer to establish a common ground of understanding with the producer as to product requirements.
3. When the pipe producer marks a specification on this product, they warrant that the pipe is made from prime quality steel and meets all the requirements of the specification.

Standard pipe is manufactured and tested as prescribed by ASTM (formerly American Society for Testing Materials), an international, non-profit technical and Scientific organization formed for “the consensus development of standards on characteristics and performance of materials, products, systems and services.” The society operates through more than 127 main technical committees. These committees function under regulations that ensure balanced representation among producers, users and general interest groups. The published standards, therefore, represent the consensus viewpoint of all involved. Line pipe and Oil Country products are manufactured and tested as prescribed by the American Petroleum Institute (API). The API operates similarly to the ASTM except that producers, consumers, and associations with primary interests in oil or gas are involved.

GRADE

Grade refers to divisions within different types of seamless and ERW pipe and designates mechanical properties such as minimum yield and tensile strengths. Grade B has higher tensile and yield strength than Grade A. It is manufactured to higher carbon content steel. Grade A, being a softer steel, is easier to bend and is recommended for use in close coiling and cold bending. Grade B has higher stress values and is better suited for machining operations. Grade C, which is available in ASTM-106, has higher tensile and yield strength than Grades A & B.

DIMENSIONS

Many changes have been made to ASTM specifications over the years. One of the more recent has been to make the specifications fit with metric, and more correctly, with the measurements of pipe and the related fittings.

To change the pipe outside diameter (OD) and wall thickness, simply multiply the SI dimensions by the appropriate factor to convert to metric. However, an inch is not a real inch. Nowhere on pipe 12” and smaller is there a corresponding measurement because this size has no real numerical value.

To solve this problem and still retain the intent of the size designation, the inch mark was removed from the column showing the size, and the term NPS was added as were the following words: The dimensionless designator NPS (nominal pipe size) has been substituted in this standard for such traditional terms as “nominal diameter,” “size,” and “nominal size.” They are now stated as NPS 1, NPS 2, NPS 6, NPS 12, NPS 14, etc.

WARNING

Most pipe specifications are restricted by tolerances for outside diameter, wall thickness, and weight. Pipe must meet all three criteria or material could be rejected. Please refer to the applicable specifications.



DIGEST OF COMMON

Specification and Size Range Where Indicated	Scope	Type	Grades	Chemistry																																																																													
A-53 NPS ½ - 26	Black & Galv Welded & SMLS pipe suitable for welding and forming operations. CW not intended for flanging. Grade B not intended for close coiling or severe cold forming. Pipe required for close coiling should be specified on order.	CW - Type F ERW - Type E SMLS - Type S	CW - Type F ERW & SMLS GRADE A & B	<p style="text-align: center;">% MAX</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Type</th> <th>C</th> <th>MN</th> <th>P</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>F</td> <td></td> <td></td> <td>.08</td> <td>.06</td> </tr> <tr> <td>E & S</td> <td></td> <td></td> <td>.05</td> <td>.06</td> </tr> <tr> <td>Grade A</td> <td>.25</td> <td>.95</td> <td>.05</td> <td>.06</td> </tr> <tr> <td>Grade B</td> <td>.30</td> <td>1.20</td> <td>.05</td> <td>.06</td> </tr> </tbody> </table> <p style="text-align: center;">Ladle & Check Limits</p>	Type	C	MN	P	S	F			.08	.06	E & S			.05	.06	Grade A	.25	.95	.05	.06	Grade B	.30	1.20	.05	.06																																																				
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A-106 NPS ½ - 26	SMLS for high temperature service. Suitable for bending, flanging and similar forming operations.	SMLS Only	GRADES A, B, C	<p style="text-align: center;">% MAX</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Grade</th> <th>C*</th> <th>MN*</th> <th>P</th> <th>S</th> <th>M/N</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>.25</td> <td>.27-.93</td> <td>.025</td> <td>.025</td> <td>.10</td> </tr> <tr> <td>B</td> <td>.30</td> <td>.29-1.06</td> <td>.025</td> <td>.025</td> <td>.10</td> </tr> <tr> <td>C</td> <td>.35</td> <td>.29-1.06</td> <td>.025</td> <td>.025</td> <td>.10</td> </tr> </tbody> </table> <p style="text-align: center;">Ladle & Check Limits</p> <p>*These also have minimums</p>	Grade	C*	MN*	P	S	M/N	A	.25	.27-.93	.025	.025	.10	B	.30	.29-1.06	.025	.025	.10	C	.35	.29-1.06	.025	.025	.10																																																					
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A-135 NPS 2 - 30	Electric resistance welded for conveying liquid, gas or vapor	ERW Only	GRADES A & B	<p style="text-align: center;">% MAX</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Grade</th> <th>C</th> <th>MN</th> <th>P</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>.25</td> <td>.95</td> <td>.05</td> <td>.06</td> </tr> <tr> <td>B</td> <td>.30</td> <td>1.20</td> <td>.05</td> <td>.06</td> </tr> </tbody> </table> <p style="text-align: center;">Ladle & Check Limits</p>	Grade	C	MN	P	S	A	.25	.95	.05	.06	B	.30	1.20	.05	.06																																																														
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A-252 NPS 6 - 24	ERW or SMLS for pipe piles	ERW SMLS DSAW	GRADES 1, 2, 3	<p>All Grades .05 Max % Phos.</p> <p>Ladle & Check Limit</p>																																																																													
A-500 Pipe 1 - 24	Cold-Formed Welded and SMLS Carbon Steel Pipe	SMLS WELDED		<p style="text-align: center;">% MAX</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>C</th> <th>P</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>Check</td> <td>.30</td> <td>.05</td> <td>.063</td> </tr> <tr> <td>Ladle</td> <td>.26</td> <td>.04</td> <td>.05</td> </tr> </tbody> </table>		C	P	S	Check	.30	.05	.063	Ladle	.26	.04	.05																																																																	
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A-589 Type I NPS 6 - 16 Type II NPS 1 - 12 Type III NPS 1 - 2 Type IV NPS 3 - 8	SMLS & Welded Water Pipe Type I Drive Pipe Type II Water Well Reamed and Drifted Type III Driven Well Pipe Type IV Water Well Casing	Type I SMLS or WELDED Type II SMLS, ERW or CW Type III SMLS, ERW or CW Type IV SMLS, ERW or CW	Type I A or B Type II A or CW Type III A or CW Type IV A or CW	<p>MAX %</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>P</th> <th>S</th> </tr> </thead> <tbody> <tr> <td></td> <td>.050</td> <td>.060</td> </tr> </tbody> </table>		P	S		.050	.060																																																																							
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API 5L	Welded and SMLS Line Pipe	CW, ERW, SMLS DSAW	CW GRADE 25 DSAW ERW & SMLS GRADES A & B	<p style="text-align: center;">LADLE % MAX</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Grade</th> <th>C</th> <th>MN</th> <th>P</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>A-25</td> <td>.21</td> <td>.60</td> <td>.08</td> <td>.06</td> </tr> <tr> <td>SMLS</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>.22</td> <td>.90</td> <td>.04</td> <td>.05</td> </tr> <tr> <td>B</td> <td>.27</td> <td>1.15</td> <td>.04</td> <td>.05</td> </tr> <tr> <td>ERW</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>.21</td> <td>.90</td> <td>.04</td> <td>.05</td> </tr> <tr> <td>B</td> <td>.26</td> <td>1.15</td> <td>.04</td> <td>.05</td> </tr> </tbody> </table>	Grade	C	MN	P	S	A-25	.21	.60	.08	.06	SMLS					A	.22	.90	.04	.05	B	.27	1.15	.04	.05	ERW					A	.21	.90	.04	.05	B	.26	1.15	.04	.05																																					
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API 5 LX	Welded and SMLS High Test Line Pipe	ERW & SMLS DSAW	X-42 X-46 X-52 X-60 X-65 X-70 X-80	<p style="text-align: center;">LADLE % MAX % MIN</p> <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Grade</th> <th>C</th> <th>MN</th> <th>P</th> <th>S</th> <th>CB</th> <th>V</th> </tr> </thead> <tbody> <tr> <td>SMLS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X-42</td> <td>.29</td> <td>1.25</td> <td>.04</td> <td>.05</td> <td></td> <td></td> </tr> <tr> <td>X-46</td> <td>.31</td> <td>1.35</td> <td>.04</td> <td>.05</td> <td></td> <td></td> </tr> <tr> <td>X-52</td> <td>.31</td> <td>1.35</td> <td>.04</td> <td>.05</td> <td></td> <td></td> </tr> <tr> <td>X-60</td> <td>.26</td> <td>1.35</td> <td>.04</td> <td>.05</td> <td></td> <td>.02</td> </tr> <tr> <td>ERW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>X-42</td> <td>.28</td> <td>1.25</td> <td>.04</td> <td>.05</td> <td></td> <td></td> </tr> <tr> <td>X-46</td> <td>.30</td> <td>1.35</td> <td>.04</td> <td>.05</td> <td></td> <td></td> </tr> <tr> <td>X-52</td> <td>.30</td> <td>1.35</td> <td>.04</td> <td>.05</td> <td></td> <td></td> </tr> <tr> <td>X-60</td> <td>.26</td> <td>1.35</td> <td>.04</td> <td>.05</td> <td>.005</td> <td></td> </tr> </tbody> </table>	Grade	C	MN	P	S	CB	V	SMLS							X-42	.29	1.25	.04	.05			X-46	.31	1.35	.04	.05			X-52	.31	1.35	.04	.05			X-60	.26	1.35	.04	.05		.02	ERW							X-42	.28	1.25	.04	.05			X-46	.30	1.35	.04	.05			X-52	.30	1.35	.04	.05			X-60	.26	1.35	.04	.05	.005	
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PIPE SPECIFICATIONS

Tensiles			Hydrostatic	Tests Bend	Flattening	Wall Tolerance	OD Tolerance															
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GRADE	YIELD	TENSILE																				
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A	30,000	48,000																				
B	35,000	60,000																				
MIN. P.S.I. <table border="1"> <thead> <tr> <th>GRADE</th> <th>YIELD</th> <th>TENSILE</th> </tr> </thead> <tbody> <tr> <td>X-42</td> <td>42,000</td> <td>60,000</td> </tr> <tr> <td>X-46</td> <td>46,000</td> <td>63,000</td> </tr> <tr> <td>X-52</td> <td>52,000</td> <td>66,000</td> </tr> <tr> <td>X-60</td> <td>60,000</td> <td>75,000</td> </tr> </tbody> </table>			GRADE	YIELD	TENSILE	X-42	42,000	60,000	X-46	46,000	63,000	X-52	52,000	66,000	X-60	60,000	75,000	yes	NONE Specified	Yes - for ERW	+15% -12.5%	$\pm .75\%$
GRADE	YIELD	TENSILE																				
X-42	42,000	60,000																				
X-46	46,000	63,000																				
X-52	52,000	66,000																				
X-60	60,000	75,000																				
Comparable to A-120																						
Comparable to A-53																						

CARBON STEEL PIPE

ALL STEEL stocks the ASTM, API and A-500 Grades in schedules 5's through XXHY's.
ALL STEEL supplies pipe in black, galvanized, bare, plain end and threaded and coupled material.

Nominal	O.D./In.	Schedule	Wall/In.	Wt./Ft.	Std. XH; XXH
1/8"	0.405	40	.068	.24	STD
		80	.095	.31	XH
1/4"	0.540	40	.088	.43	STD
		80	.119	.54	XH
3/8"	0.675	40	.091	.57	STD
		80	.126	.74	XH
1/2"	0.840	40	.109	.85	STD
		80	.147	1.09	XH
		160	.188	1.31	
			.294	1.71	XXH
3/4"	1.050	40	.113	1.13	STD
		80	.154	1.47	XH
		160	.219	1.94	
			.308	2.44	XXH
1"	1.315	40	.133	1.68	STD
		80	.179	2.17	XH
		160	.250	2.84	
			.358	3.66	XXH
1-1/4"	1.660	40	.140	2.27	STD
		80	.191	3.00	XH
		160	.250	3.77	
			.382	5.22	XXH
1-1/2"	1.900	40	.145	2.72	STD
		80	.200	3.63	XH
		160	.281	4.86	
			.400	6.41	XXH
2"	2.375	40	.154	3.65	STD
		80	.218	5.02	XH
2-1/2"	2.875	40	.203	5.79	STD
		80	.276	7.66	XH
		160	.375	10.01	
			.552	13.71	XXH
3"	3.500	40	.125	4.51	STD
			.156	5.57	
			.188	6.65	
			.216	7.58	
		80	.250	8.68	XH
			.260	9.03	
			.300	10.26	
			.438	14.32	
160	.600	18.58	XXH		
3-1/2"	4.000	40	.125	5.17	STD
			.156	6.40	
			.188	7.65	
			.226	9.11	
80	.250	10.01	XH		
	.281	11.16			
	.318	12.50			
4"	4.500	40	.125	5.84	STD
			.156	7.24	
			.188	8.66	
			.219	10.01	
			.237	10.79	
			.250	11.35	

Nominal	O.D./In.	Schedule	Wall/In.	Wt./Ft.	Std. XH; XXH
4"	4.500	80	.281	12.66	XH
			.312	13.96	
			.337	14.98	
		160	.438	19.00	XXH
.531	22.51				
5"	5.563	40	.674	27.54	STD
			.156	9.01	
			.188	10.79	
			.219	12.50	
			.258	14.62	
			.281	15.85	
		80	.312	17.50	XH
			.344	19.17	
			.375	20.78	
			.500	27.04	
			.625	32.96	
			.750	38.55	
6"	6.625	40	.188	12.92	STD
			.219	14.98	
			.250	17.02	
			.280	18.97	
			.312	21.04	
			.344	23.08	
		80	.375	25.03	XH
			.432	28.57	
			.562	36.39	
			.719	45.35	
			.864	53.16	
8"	8.625	20	.188	16.94	STD
			.203	18.26	
			.219	19.66	
			.250	22.36	
		30	.277	24.70	XH
			.312	27.70	
			.322	28.55	
			.344	30.42	
		40	.375	33.04	STD
			.406	35.64	
			.438	38.30	
			.500	43.39	
60	.594	50.95	XH		
	.719	60.71			
	.812	67.76			
	.875	72.42			
80	.906	74.69	XXH		
10"	10.750	20	.188	21.21	STD
			.203	22.87	
			.219	24.63	
			.250	28.04	
			.279	31.20	
			.307	34.24	
		30	.344	38.23	XH
			.365	40.48	
			.438	48.24	
			.500	54.74	
			.594	64.43	
			.719	77.03	
40	.844	89.29	XXH		
	.844	89.29			
	1.000	104.13			
	1.125	115.64			

CARBON STEEL PIPE

ALL STEEL stocks the ASTM, API and A-500 Grades in schedules 5's through XXHY's.
ALL STEEL supplies pipe in black, galvanized, bare, plain end and threaded and coupled material.

Nominal	O.D./In.	Schedule	Wall/In.	Wt./Ft.	Std. XH; XXH	
12"	12.750	20	.203	27.20	STD XH XXH	
			.219	29.31		
			.250	33.38		
			.281	37.42		
			.312	41.45		
			.330	43.77		
		30	.344	45.58		
			.375	49.56		
			.406	53.52		
			.438	57.59		
		40	.500	65.42		
			.562	73.15		
			.688	88.63		
			.844	107.32		
			1.000	125.49		
			1.125	139.67		
60	1.312	160.27				
	14"	14.000	10	.210	30.93	STD XH
				.219	32.23	
				.250	36.71	
				.281	41.17	
				.312	45.61	
.344				50.17		
20			.375	54.57		
			.438	63.44		
			.500	72.09		
			.594	85.05		
30			.750	106.13		
			.938	130.85		
			1.094	150.79		
			1.250	170.21		
			1.406	189.11		
			16"	16.000	10	
.250	42.05					
.281	47.17					
.312	52.27					
.344	57.52					
.375	62.58					
20	.438	72.80				
	.469	77.79				
	.500	82.77				
	.656	107.50				
30	.844	136.61				
	1.031	164.82				
	1.219	192.43				
	1.438	223.64				
	1.594	245.25				
	18"	18.000			10	.250
.281			53.18			
.312			58.94			
.344			64.87			
.375			70.59			
.406			76.29			
20			.438	82.15		
			.469	87.81		
			.500	93.45		
			.562	104.67		
30			.750	138.17		
			.938	170.92		
			1.156	207.96		
			1.375	244.14		
			1.562	274.22		
			1.781	308.50		

Nominal	O.D./In.	Schedule	Wall/In.	Wt./Ft.	Std. XH; XXH											
20"	20.000	10	.250	52.73	STD XH											
			.281	59.18												
			.312	65.60												
			.344	72.21												
			.375	78.60												
			.406	84.96												
		20	.438	91.51												
			.469	97.83												
			.500	104.13												
			.594	123.11												
		30	.812	166.40												
			1.031	208.87												
			1.281	256.10												
			1.500	296.37												
			1.750	341.09												
			1.969	379.17												
22"	22.000	10	.250	58.07	STD XH											
			.281	65.18												
			.312	72.27												
			.344	79.56												
			.375	86.61												
			.406	93.63												
		20	.438	100.86												
			.469	107.85												
			.500	114.81												
			.625	142.68												
		30	.875	197.41												
			1.125	250.81												
			24"	24.000		10	.250	63.41	STD XH							
							.281	71.18								
							.312	78.93								
							.344	86.91								
.375	94.62															
.406	102.31															
20	.438	110.22														
	.469	117.86														
	.500	125.49														
	.562	140.68														
30	.688	171.29														
	.969	238.35														
	1.219	296.58														
	26"	26.000			10	.312	85.60	STD XH								
						.375	102.60									
						.500	136.20									
30"			30.000	10		.312	98.93		STD XH							
						.375	118.60									
						.500	157.50									
					.625	196.10										
					20	36.000	10			.312	118.9	STD XH				
										.375	142.7					
				.500						189.6						
				.625						236.1						
				.750						282.3						
				30						42.000	10		.375	166.7	STD XH	
					.500	221.6										
					48"	48.000	10						.375	190.7		STD XH
													.500	253.6		

ASTM/API PIPE SCHEDULE

ALL STEEL PRODUCTS, Inc.
P.O. Box 270 • Staunton, IL 62088
Fax (618) 635-2401

CALL (800) 838-4282
SALES & CORPORATE OFFICE: Staunton, IL
PLANTS: Staunton, IL & Vandalia, IL

	Nominal Pipe Size	Outside Diameter	5	10	20	30	40	STD.	60	80	XH	100	120	140	160	XXH
Inches	1/8	.405	.035	.049			.068	.068		.095	.095					
Pounds per Foot			.14	.19			0.24	0.24		.31	.31					
Inches	1/4	.540	.049	.065			.088	.088		.119	.119					
Pounds per Foot			.26	.33			.43	.43		.54	.54					
Inches	3/8	.675	.049	.065			.091	.091		.126	.126					
Pounds per Foot			.33	.42			.57	.57		.74	.74					
Inches	1/2	.840	.065	.083			.109	.109		.147	.147				.187	.294
Pounds per Foot			.54	.67			.85	.85		1.09	1.09				1.31	1.72
Inches	3/4	1.050	.065	.083			.113	.113		.154	.154				.218	.308
Pounds per Foot			.68	.86			1.13	1.13		1.48	1.48				1.94	2.44
Inches	1	1.315	.065	.109			.133	.133		.179	.179				.250	.358
Pounds per Foot			.87	1.41			1.68	1.68		2.17	2.17				2.85	3.66
Inches	1 1/4	1.660	.065	.109			.140	.140		.191	.191				.250	.382
Pounds per Foot			1.11	1.81			2.27	2.27		3.00	3.00				3.77	5.22
Inches	1 1/2	1.900	.065	.109			.145	.145		.200	.200				.281	.400
Pounds per Foot			1.28	2.09			2.72	2.72		3.63	3.63				4.86	6.41
Inches	2	2.375	.065	.109			.154	.154		.218	.218				.343	.436
Pounds per Foot			1.61	2.64			3.66	3.66		5.03	5.03				7.45	9.04
Inches	2 1/2	2.875	.083	.120			.203	.203		.276	.276				.375	.552
Pounds per Foot			2.48	3.53			5.80	5.80		7.67	7.67				10.02	13.71
Inches	3	3.500	.083	.120			.216	.216		.300	.300				.437	.600
Pounds per Foot			3.03	4.34			7.58	7.58		10.26	10.26				14.31	18.60
Inches	3 1/2	4.000	.083	.120			.226	.226		.318	.318					.636
Pounds per Foot			3.48	4.98			9.12	9.12		12.52	12.52					22.87
Inches	4	4.500	.083	.120			.237	.237	.281	.337	.337		.438		.531	.674
Pounds per Foot			3.92	5.62			10.80	10.80	12.67	15.00	15.00		19.02		22.53	27.57
Inches	4 1/2	5.000						.247			.355					.710
Pounds per Foot								12.55			17.63					32.56
Inches	5	5.563	.109	.134			.258	.258		.375	.375		.500		.625	.750
Pounds per Foot			6.36	7.78			14.63	14.63		20.80	20.80		27.06		32.99	38.59
Inches	6	6.625	.109	.134			.280	.280		.432	.432		.562		.719	.864
Pounds per Foot			7.59	9.30			18.99	18.99		28.60	28.60		36.43		45.39	53.21
Inches	7	7.625						.301			.500					.875
Pounds per Foot								23.57			38.08					63.14
Inches	8	8.625	.109	.148	.250	.277	.322	.322	.406	.500	.500	.593	.719	.812	.906	.875
Pounds per Foot			9.92	13.41	22.38	24.72	28.58	28.58	35.67	43.43	43.43	50.91	60.77	67.82	74.76	72.49
Inches	9	9.625						.342			.500					
Pounds per Foot								33.94			48.77					

ASTM/API PIPE SCHEDULE

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PLANTS: Staunton, IL & Vandalia, IL

	Nominal Pipe Size	Outside Diameter	5	10	20	30	40	STD.	60	80	XH	100	120	140	160	XXH
Inches	10	10.750	.134	.165	.250	.307	.365	.365	.500	.593	.500	.719	.843	1.000	1.125	
Pounds per Foot			15.21	18.67	28.06	34.27	40.52	40.52	54.79	64.39	54.79	77.10	89.28	104.23	115.75	
Inches	11	11.750						.375			.500					
Pounds per Foot								45.60			60.13					
Inches	12	12.750	.165	.180	.250	.330	.406	.375	.562	.688	.500	.843	1.000	1.125	1.312	
Pounds per Foot			22.20	24.19	33.41	43.81	53.57	49.61	73.22	88.71	65.48	107.30	125.61	139.81	160.42	
Inches	14	14.000		.250	.312	.375	.438	.375	.593	.750	.500	.938	1.093	1.250	1.406	
Pounds per Foot				36.75	45.65	54.62	63.50	54.62	84.99	106.23	72.16	130.98	150.81	170.37	189.29	
Inches	16	16.000		.250	.312	.375	.500	.375	.656	.843	.500	1.031	1.218	1.437	1.593	
Pounds per Foot				42.09	52.32	62.64	82.85	62.64	107.60	136.59	82.85	164.98	192.47	223.71	245.34	
Inches	18	18.000		.250	.312	.438	.562	.375	.750	.938	.500	1.156	1.375	1.562	1.781	
Pounds per Foot				47.44	58.99	82.23	104.76	70.65	138.30	171.08	93.54	208.15	244.37	274.48	308.79	
Inches	20	20.000		.250	.375	.500	.593	.375	.812	1.031	.500	1.280	1.500	1.750	1.968	
Pounds per Foot				52.78	78.67	104.23	123.02	78.67	166.56	209.06	104.23	256.15	296.65	341.41	379.36	
Inches	22	22.000		.250	.375	.500		.375	.875	1.125	.500	1.375	1.625	1.875	2.125	
Pounds per Foot				58.13	86.69	114.92		86.69	197.60	251.05	114.92	303.16	353.94	403.38	451.49	
Inches	24	24.000		.250	.375	.562	.688	.375	.968	1.218	.500	1.531	1.812	2.062	2.343	
Pounds per Foot				63.47	94.71	140.81	171.45	94.71	238.33	296.63	125.61	367.74	429.79	483.57	542.44	
Inches	26	26.000		.312	.500			.375			.500					
Pounds per Foot				85.68	136.30			102.72			136.30					
Inches	28	28.000		.312	.500	.625		.375			.500					
Pounds per Foot				92.35	146.99	182.90		110.74			146.99					
Inches	30	30.000		.312	.500	.625		.375			.500					
Pounds per Foot				99.02	157.68	196.26		118.76			157.68					
Inches	32	32.000		.312	.500	.625	.688	.375			.500					
Pounds per Foot				105.69	168.37	209.62	230.29	126.78			168.37					
Inches	34	34.000		.344	.500	.625	.688	.375			.500					
Pounds per Foot				123.77	179.06	222.99	245.00	134.79			179.06					
Inches	36	36.000		.312	.500	.625	.750	.375			.500					
Pounds per Foot				119.03	189.75	236.35	282.62	142.81			189.75					
Inches	42	42.000						.375			.500					
Pounds per Foot								166.86			221.82					
Inches	48	48.000						.375			.500					
Pounds per Foot								190.92			253.89					
Inches	54	54.000						.375			.500					
Pounds per Foot								214.97			285.96					
Inches	60	60.000						.375			.500					
Pounds per Foot								239.02			318.03					



CALL (800) 838-4282
(618) 635-7777 FAX (618) 635-2401



SQUARE TUBING

O.D./ In.	Wall/ In.	Wt./ Ft.	O.D./ In.	Wall/ In.	Wt./ Ft.	O.D./ In.	Wall/ In.	Wt./ Ft.	O.D./ In.	Wall/ In.	Wt./ Ft.			
1/2" x 1/2"	0.049	0.301	1-1/2" x 1-1/2"	0.095	1.815	3" x 3"	0.313	10.580	7" x 7"	0.188	17.080			
	0.065	0.385			0.109		2.062			0.375	12.170		0.250	22.420
5/8" x 5/8"	0.065	0.495			0.120	2.252	3-1/2" x 3-1/2"	0.065		3.037		0.313	27.590	
	0.083	0.612			0.134	2.490				0.109	5.030		0.375	32.580
3/4" x 3/4"	0.049	0.467			0.148	2.721				0.120	5.610		0.500	42.050
	0.065	0.606		0.188	3.040			0.188	8.150		0.625	50.760		
	0.072	0.679		0.250	3.700			0.250	10.510	8" x 8"	0.188	19.630		
	0.083	0.753	1-3/4" x 1-3/4"	0.049	1.134		0.313	12.700			0.250	25.820		
	0.109	0.950			0.065	1.490		0.375	14.720			0.313	31.840	
	0.120	1.028			0.072	1.685	4" x 4"	0.083	4.420			0.375	37.690	
7/8" x 7/8"	0.065	0.715			0.083	1.882			0.120		6.460		0.500	48.850
					0.120	2.650			0.188	9.420	9" x 9"	0.250	29.230	
				0.188	3.680			0.250	12.210			0.500	55.660	
1" x 1"	0.035	0.459	2" x 2"	0.065	1.711			0.313	14.830			0.625	67.820	
	0.049	0.634			0.072	1.937		0.375	17.270					
	0.065	0.827			0.083	2.164	4-1/2" x 4-1/2"	0.500	21.630	10" x 10"		0.188	24.730	
	0.072	0.909			0.095	2.460			0.625		25.260		0.250	32.630
	0.083	1.035			0.109	2.802			0.188		10.700		0.313	40.350
	0.095	1.169		0.120	3.050			0.250	13.910			0.375	47.900	
	0.109	1.321		0.134	3.250			0.313	16.960			0.450	56.720	
	0.120	1.436		0.148	3.540		0.375	19.820		0.500	62.460			
1-1/4" x 1-1/4"	0.035	0.578		0.154	3.650		0.500	25.020		0.625	76.330			
	0.049	0.800	2-1/2" x 2-1/2"	0.188	4.320	5" x 5"	0.188	11.970	12" x 12"	0.250	39.430			
	0.065	1.048			0.250		5.410			0.250	15.620		0.313	48.860
	0.072	1.182			0.065		2.150			0.313	19.080		0.375	58.100
	0.083	1.317			0.083		2.730			0.375	22.370		0.500	76.070
	0.095	1.492			0.120		3.900			0.500	28.430		0.625	93.250
	0.109	1.691		0.188	5.590		0.625	33.760	14" x 14"	0.313	57.360			
	0.120	1.844		0.250	7.110						0.375	67.310		
	0.134	2.030	3" x 3"	0.083	3.290	6" x 6"	0.188	14.530			0.500	89.680		
	0.188	2.400			0.120		4.750			0.250	19.020		0.625	110.360
1-1/2" x 1-1/2"	0.049	0.967			0.134		5.070			0.313	23.340	16" x 16"	0.312	65.870
	0.065	1.269			0.188		6.870		0.375	27.480			0.375	78.510
	0.072	1.434			0.220		7.900		0.500	35.240			0.500	103.290
	0.083	1.600		0.250	8.810		0.625	42.260		0.625	127.370			

RECTANGULAR TUBING

O.D./ In.	Wall/ In.	Wt./ Ft.	O.D./ In.	Wall/ In.	Wt./ Ft.	O.D./ In.	Wall/ In.	Wt./ Ft.	O.D./ In.	Wall/ In.	Wt./ Ft.
1/2" x 1"	0.065	0.605	1-1/2" x 3"	0.083	2.450	2" x 8"	0.188	11.970	3" x 4"	0.120	5.610
				0.120	3.480		0.250	15.620		0.188	8.150
1/2" x 1-1/2"	0.065	0.827		0.188	4.960		0.312	19.080		0.250	10.510
				0.250	6.260		0.375	22.370		0.313	12.700
3/4" x 1-1/2"	0.065	0.937	1-1/2" x 3-1/2"	0.083	2.730		0.500	28.430		0.375	14.720
	0.083	1.176		0.250	7.110		0.625	33.760			
	0.120	1.640							3" x 5"	0.083	4.420
1" x 1-1/2"	0.065	1.047	1-1/2" x 4"	0.083	3.011	2" x 10"	0.188	14.530		0.120	6.460
	0.083	1.317		0.120	4.330		0.250	19.020		0.188	9.420
	0.120	1.844					0.312	23.340		0.250	12.210
1" x 2"	0.048	0.967	2" x 3"	0.083	2.730		0.375	27.480		0.313	14.830
	0.065	1.268		0.095	3.110		0.500	35.240		0.375	17.270
	0.072	1.434		0.109	3.540		0.625	42.620		0.500	21.630
	0.078	1.493		0.120	3.900					0.625	25.260
	0.083	1.599		0.188	5.590	2" x 12"	0.188	17.080			
	0.120	2.252		0.250	7.110		0.250	22.420	3" x 6"	0.120	7.310
1" x 3"	0.065	1.710	2" x 3-1/2"	0.250	7.960		0.312	27.590		0.188	10.710
	0.083	2.164					0.375	32.580		0.250	13.910
	0.109	2.802	2" x 4"	0.083	3.290		0.500	42.050		0.313	16.960
	0.120	3.050		0.095	3.750		0.625	50.760		0.375	19.820
1" x 3"	0.065	1.710		0.120	4.750	2-1/2" x 3"	.049	1.800		0.500	25.010
	0.083	2.164		0.188	6.870		.188	6.090		0.625	31.840
	0.109	2.802		0.250	8.810		.219	7.120	3" x 7"	0.250	15.620
	0.120	3.050								0.312	19.080
1-1/4" x 2"	0.083	1.741	2" x 5"	0.065	3.037	2-1/2" x 3-1/2"	0.125	4.750		0.375	22.370
	0.120	2.456		0.083	3.860		0.188	6.870		0.500	28.430
	0.148	2.973		0.120	5.610		0.250	8.810		0.625	33.760
1-1/2" x 2"	0.065	1.489		0.188	8.150						
	0.083	1.881		0.250	10.510	2-1/2" x 4"	0.083	3.575	3" x 8"	0.188	13.250
	0.120	2.660					0.120	5.180		0.250	17.320
1-1/2" x 2-1/2"	0.083	2.164	2" x 6"	0.120	6.460					0.313	21.210
	0.120	3.050		0.188	9.420					0.375	24.930
	0.145	3.510		0.250	12.210	2-1/2" x 5"	0.120	6.030		0.500	31.840
	0.148	3.540		0.313	14.830		0.188	8.780			
	0.188	4.320		0.375	17.270		0.250	11.360	3" x 10"	0.188	15.800
	0.250	5.410		0.500	21.630					0.250	20.720
	0.250	5.590		0.625	25.260	3" x 4"	0.065	3.037		0.312	25.470
							0.083	3.860		0.375	30.030

RECTANGULAR TUBING

O.D./ In.	Wall/ In.	Wt./ Ft.
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3" x 12"	0.188	18.350
	0.250	24.120
	0.375	35.130
	0.500	45.500
	0.625	55.860

4" x 5"	0.188	10.700
	0.250	13.910
	0.375	19.820
	0.500	25.020
	0.625	31.480

4" x 6"	0.120	7.961
	0.188	11.970
	0.250	15.620
	0.313	19.080
	0.375	22.370
	0.500	28.430
0.625	33.760	

4" x 7"	0.188	13.250
	0.250	17.320
	0.375	24.930
	0.500	31.840

4" x 8"	0.188	14.530
	0.250	19.020
	0.313	23.340
	0.375	27.480
	0.500	35.240
	0.625	42.260

4" x 10"	0.188	17.080
	0.250	22.420
	0.313	27.590
	0.375	32.580
	0.500	42.050
	0.625	50.760

O.D./ In.	Wall/ In.	Wt./ Ft.
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4" x 12"	0.188	19.630
	0.250	25.820
	0.313	31.840
	0.375	37.690
	0.500	48.850
0.625	59.320	

4" x 14"	0.250	29.230
	0.312	36.100
	0.375	42.790
	0.500	55.660
	0.625	67.820

4" x 16"	0.312	40.350
	0.375	47.900
	0.500	62.460
0.625	76.330	

5" x 6"	0.188	13.250
	0.375	24.930

5" x 7"	0.188	14.530
	0.250	19.020
	0.313	23.340
	0.375	27.480
	0.500	35.240
0.625	42.260	

5" x 10"	0.250	24.120
	0.375	35.140
	0.500	45.500
	0.625	55.860

6" x 8"	0.188	17.080
	0.250	22.420
	0.313	27.590
	0.375	32.580
	0.450	38.340
	0.500	42.050
0.625	50.760	

O.D./ In.	Wall/ In.	Wt./ Ft.
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6" x 10"	0.188	19.630
	0.250	25.820
	0.313	31.840
	0.375	37.690
	0.450	44.470
0.500	48.850	
0.625	59.320	

6" x 12"	0.188	22.180
	0.250	29.230
	0.312	36.100
	0.375	42.790
	0.500	55.660
	0.625	67.820

6" x 14"	0.250	32.630
	0.312	40.350
	0.375	47.900
	0.500	62.460
	0.625	76.330

6" x 18"	0.375	58.100
	0.500	76.070
	0.625	93.250

7" x 9"	0.188	19.630
	0.250	25.820
	0.375	37.690
	0.500	48.850
	0.625	59.320

8" x 10"	0.250	29.290
	0.375	42.790
	0.500	55.660
	0.625	67.820

8" x 12"	0.188	24.730
	0.250	32.630
	0.313	40.350
	0.375	47.900
	0.500	62.460
	0.625	76.330

O.D./ In.	Wall/ In.	Wt./ Ft.
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8" x 16"	0.313	48.860
	0.375	58.100
	0.500	76.070
	0.625	93.250

8" x 20"	0.375	68.310
	0.500	89.680
	0.625	110.360

10" x 14"	0.312	48.860
	0.375	58.100
	0.500	76.070
	0.625	93.250

12" x 16"	0.375	68.310
	0.500	89.680
	0.625	110.360

12" x 20"	0.375	78.510
	0.500	103.290
	0.625	127.370



MECHANICAL TUBING

CALL (800) 838-4282

Round Electric Welded
Drawn Over Mandrel (D.O.M.)

A-513
A-513

Cold Drawn Butt weld
Cold Drawn Seamless

A-512
A-519

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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3/16"	.188	.035	.118	.057
	.188	.049	.090	.073

1/4"	.250	.028	.194	.066
	.250	.035	.180	.080
	.250	.042	.166	.093
	.250	.049	.152	.105
	.250	.060	.130	.122

9/32"	.281	.049	.183	.121
	.281	.065	.151	.150

5/16"	.313	.022	.269	.068
	.313	.028	.257	.085
	.313	.035	.242	.104
	.313	.049	.214	.138
	.313	.065	.182	.172
	.313	.083	.147	.204
	.313	.095	.122	.221
	.313	.120	.072	.247

3/8"	.375	.028	.319	.104
	.375	.035	.305	.127
	.375	.049	.277	.171
	.375	.058	.259	.196
	.375	.065	.245	.215
	.375	.083	.209	.259
	.375	.095	.185	.284
	.375	.120	.135	.327

7/16"	.438	.035	.367	.151
	.438	.049	.340	.204
	.438	.065	.308	.259

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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7/16"	.438	.083	.271	.315
	.438	.095	.248	.348
	.438	.120	.198	.408

1/2"	.500	.028	.444	.141
	.500	.035	.430	.174
	.500	.049	.402	.236
	.500	.058	.384	.274
	.500	.065	.370	.302
	.500	.083	.334	.370
	.500	.095	.310	.411
	.500	.120	.260	.487
	.500	.134	.232	.524
	.500	.156	.187	.573

9/16"	.563	.049	.464	.269
	.563	.065	.430	.346
	.563	.083	.396	.426
	.563	.095	.372	.475
	.563	.120	.322	.568

5/8"	.625	.028	.569	.179
	.625	.035	.555	.221
	.625	.049	.527	.301
	.625	.058	.509	.351
	.625	.065	.495	.389
	.625	.083	.459	.481
	.625	.095	.435	.538
	.625	.109	.407	.601
	.625	.120	.385	.647
	.625	.134	.357	.703
	.625	.156	.312	.781
.625	.188	.250	.877	

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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1 1/16"	.688	.035	.618	.244
	.688	.049	.589	.334
	.688	.065	.557	.433
	.688	.083	.522	.536
	.688	.095	.497	.602
	.688	.109	.470	.674
	.688	.120	.447	.728

3/4"	.750	.035	.680	.267
	.750	.049	.652	.367
	.750	.065	.620	.476
	.750	.083	.584	.591
	.750	.095	.560	.665
	.750	.109	.532	.746
	.750	.120	.510	.807
	.750	.134	.482	.882
	.750	.156	.437	.990
	.750	.188	.375	1.128
	.750	.219	.312	1.242
	.750	.250	.250	1.335

1 3/16"	.813	.065	.682	.519
	.813	.083	.646	.647
	.813	.095	.623	.729
	.813	.109	.595	.820
	.813	.120	.572	.888

2 7/32"	.840	.083	.674	.670
	.840	.109	.622	.850

7/8"	.875	.028	.819	.253
	.875	.035	.805	.314
	.875	.049	.777	.432

MECHANICAL TUBING

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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7/8"	.875	.058	.759	.506
	.875	.065	.745	.562
	.875	.083	.709	.702
	.875	.095	.685	.791
	.875	.109	.657	.892
	.875	.120	.635	.968
	.875	.156	.562	1.198
	.875	.188	.500	1.379
	.875	.219	.437	1.534
	.875	.250	.375	1.669

15/16"	.938	.049	.839	.465
	.938	.065	.808	.606
	.938	.095	.748	.855
	.938	.120	.697	1.048
	.938	.188	.562	1.506

.995	.995	.109	.777	1.031
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1"	1.000	.028	.944	.291
	1.000	.035	.930	.361
	1.000	.049	.902	.498
	1.000	.058	.884	.584
	1.000	.065	.870	.649
	1.000	.075	.850	.741
	1.000	.083	.834	.813
	1.000	.095	.810	.918
	1.000	.109	.782	1.037
	1.000	.120	.760	1.128
	1.000	.134	.732	1.239
	1.000	.156	.687	1.406
	1.000	.188	.625	1.630
	1.000	.219	.562	1.827
	1.000	.250	.500	2.003
	1.000	.281	.438	2.158
	1.000	.313	.375	2.297
	1.000	.375	.250	2.503

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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1.050"	1.050	.083	.884	.860
	1.050	.109	.832	1.100
	1.050	.113	.824	1.130
	1.050	.125	.800	1.230

1-1/16"	1.063	.035	.993	.384
	1.063	.049	.965	.531
	1.063	.065	.933	.693
	1.063	.083	.897	.869
	1.063	.095	.872	.982
	1.063	.109	.844	1.111
	1.063	.120	.822	1.209
	1.063	.156	.750	1.511
	1.063	.188	.687	1.757

1-1/8"	1.125	.035	1.055	.407
	1.125	.065	.995	.736
	1.125	.083	.959	.924
	1.125	.095	.935	1.045
	1.125	.109	.907	1.183
	1.125	.120	.885	1.288
	1.125	.134	.857	1.418
	1.125	.156	.812	1.614
	1.125	.172	.781	1.751
	1.125	.188	.750	1.881
	1.125	.219	.688	2.119
	1.125	.250	.625	2.336
	1.125	.313	.500	2.714

1-3/16"	1.188	.065	1.057	.780
	1.188	.188	.812	2.008
	1.188	.219	.750	2.266
	1.188	.250	.687	2.304

1-1/4"	1.250	.035	1.180	.454
	1.250	.049	1.152	.629
	1.250	.065	1.120	.823
	1.250	.083	1.084	1.034

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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1-1/4"	1.250	.095	1.060	1.172
	1.250	.109	1.032	1.328
	1.250	.120	1.010	1.448
	1.250	.134	.982	1.597
	1.250	.156	.937	1.823
	1.250	.188	.875	2.132
	1.250	.219	.812	2.411
	1.250	.250	.750	2.670
	1.250	.281	.687	2.908
	1.250	.313	.625	3.132
	1.250	.375	.500	3.504
	1.250	.438	.375	3.798

1-5/16"	1.313	.095	1.123	1.236
	1.313	.120	1.072	1.529
	1.313	.134	1.044	1.687
	1.313	.156	1.000	1.928
	1.313	.188	.937	2.259
	1.313	.219	.875	2.559
	1.313	.250	.812	2.838
	1.313	.317	.679	3.372
	1.313	.375	.562	3.757

1.315"	1.315	.085	1.145	1.056
	1.315	.100	1.115	1.300
	1.315	.109	1.097	1.404
	1.315	.120	1.075	1.530

1-3/8"	1.375	.049	1.277	.694
	1.375	.065	1.245	.909
	1.375	.083	1.209	1.145
	1.375	.095	1.185	1.299
	1.375	.120	1.135	1.608
	1.375	.134	1.107	1.776
	1.375	.156	1.062	2.031
	1.375	.172	1.031	2.210
	1.375	.188	1.000	2.383
	1.375	.219	.938	2.704
	1.375	.250	.875	3.004

MECHANICAL TUBING

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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1-3/8"	1.375	.281	.813	3.283
	1.375	.313	.750	3.550
	1.375	.375	.625	4.005

1-7/16"	1.438	.156	1.125	2.136
	1.438	.219	1.000	2.851
	1.438	.250	.938	3.172

1-1/2"	1.500	.049	1.402	.759
	1.500	.065	1.370	.996
	1.500	.072	1.356	1.098
	1.500	.083	1.334	1.256
	1.500	.095	1.310	1.426
	1.500	.109	1.282	1.619
	1.500	.120	1.260	1.769
	1.500	.134	1.232	1.955
	1.500	.156	1.187	2.239
	1.500	.188	1.125	2.634
	1.500	.219	1.062	2.996
	1.500	.250	1.000	3.338
	1.500	.281	.938	3.658
	1.500	.313	.875	3.968
	1.500	.375	.750	4.506
	1.500	.438	.625	4.968
1.500	.500	.500	5.340	

1-9/16"	1.563	.120	1.323	1.849
	1.563	.156	1.250	2.344
	1.563	.250	1.062	3.506
	1.563	.375	.813	4.758

1-5/8"	1.625	.049	1.527	.825
	1.625	.065	1.495	1.083
	1.625	.083	1.459	1.367
	1.625	.095	1.435	1.552
	1.625	.109	1.407	1.765
	1.625	.120	1.385	1.929
	1.625	.156	1.312	2.447
	1.625	.188	1.250	2.885

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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1-5/8"	1.625	.219	1.178	3.289
	1.625	.250	1.125	3.671
	1.625	.281	1.063	4.033
	1.625	.313	1.000	4.386
	1.625	.375	.875	5.006
	1.625	.438	.749	5.553
1.625	.500	.625	6.008	

1.660"	1.660	.100	1.460	1.670
	1.660	.109	1.442	1.806
	1.660	.125	1.410	2.050
	1.660	.134	1.400	2.180

1-11/16"	1.688	.095	1.498	1.573
	1.688	.156	1.376	2.552
	1.688	.188	1.312	3.012
	1.688	.219	1.250	3.423
	1.688	.250	1.188	3.839

1-3/4"	1.750	.035	1.680	.641
	1.750	.049	1.652	.890
	1.750	.065	1.620	1.170
	1.750	.083	1.584	1.478
	1.750	.095	1.560	1.679
	1.750	.109	1.532	1.910
	1.750	.120	1.510	2.089
	1.750	.156	1.437	2.656
	1.750	.188	1.375	3.136
	1.750	.219	1.312	3.581
	1.750	.250	1.250	4.005
	1.750	.281	1.188	4.409
	1.750	.313	1.125	4.804
	1.750	.375	1.000	5.507
	1.750	.438	.875	6.137
	1.750	.500	.750	6.675

1-7/8"	1.875	.049	1.777	.956
	1.875	.065	1.745	1.257

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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1-7/8"	1.875	.083	1.709	1.589
	1.875	.095	1.685	1.806
	1.875	.109	1.657	2.056
	1.875	.120	1.635	2.249
	1.875	.156	1.563	2.864
	1.875	.188	1.500	3.387
	1.875	.219	1.438	3.873
	1.875	.250	1.375	4.339
	1.875	.281	1.313	4.784
	1.875	.313	1.250	5.222
	1.875	.375	1.125	6.008
	1.875	.438	1.000	6.772
1.875	.500	.875	7.343	

1.900"	1.900	.109	1.682	2.085
	1.900	.125	1.650	2.370
	1.900	.134	1.640	2.530
	1.900	.188	1.524	3.430

2.000"	2.000	.035	1.930	.735
	2.000	.049	1.902	1.021
	2.000	.065	1.870	1.343
	2.000	.083	1.834	1.699
	2.000	.095	1.810	1.933
	2.000	.109	1.782	2.201
	2.000	.120	1.760	2.409
	2.000	.125	1.750	2.503
	2.000	.134	1.732	2.670
	2.000	.156	1.687	3.072
	2.000	.188	1.624	3.638
	2.000	.219	1.562	4.166
	2.000	.250	1.500	4.673
	2.000	.281	1.437	5.159
	2.000	.313	1.375	5.639
	2.000	.344	1.313	6.084
	2.000	.375	1.250	6.508
	2.000	.438	1.125	7.307
	2.000	.500	1.000	8.010

MECHANICAL TUBING

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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2-1/8"	2.125	.049	2.027	1.086
	2.125	.065	1.995	1.430
	2.125	.083	1.959	1.810
	2.125	.095	1.935	2.060
	2.125	.109	1.907	2.347
	2.125	.120	1.885	2.570
	2.125	.156	1.813	3.281
	2.125	.188	1.750	3.889
	2.125	.219	1.687	4.458
	2.125	.250	1.625	5.006
	2.125	.281	1.563	5.534
	2.125	.313	1.500	6.057
	2.125	.344	1.437	6.543
	2.125	.375	1.375	7.009
	2.125	.438	1.250	7.892
	2.125	.500	1.125	8.678

2-1/4"	2.250	.049	2.152	1.152
	2.250	.065	2.120	1.517
	2.250	.083	2.084	1.921
	2.250	.095	2.060	2.186
	2.250	.109	2.032	2.492
	2.250	.120	2.010	2.730
	2.250	.134	1.982	3.028
	2.250	.156	1.938	3.489
	2.250	.188	1.875	4.140
	2.250	.219	1.813	4.750
	2.250	.250	1.750	5.340
	2.250	.281	1.688	5.909
	2.250	.313	1.625	6.475
	2.250	.344	1.563	7.002
	2.250	.375	1.500	7.509
	2.250	.438	1.375	8.476
2.250	.500	1.250	9.345	

2-3/8"	2.375	.065	2.245	1.064
	2.375	.083	2.209	2.032
	2.375	.109	2.157	2.638
	2.375	.120	2.135	2.890

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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2-3/8"	2.375	.125	2.125	3.000
	2.375	.148	2.079	3.520
	2.375	.156	2.063	3.697
	2.375	.188	2.000	4.391
	2.375	.219	1.937	5.043
	2.375	.250	1.875	5.674
	2.375	.281	1.813	6.284
	2.375	.313	1.750	6.893
	2.375	.375	1.625	8.010
	2.375	.406	1.563	8.538
	2.375	.438	1.500	9.061
2.375	.500	1.375	10.010	

2-1/2"	2.500	.035	2.430	.921
	2.500	.065	2.370	1.690
	2.500	.083	2.334	2.143
	2.500	.095	2.310	2.440
	2.500	.109	2.282	2.783
	2.500	.120	2.260	3.050
	2.500	.156	2.187	3.905
	2.500	.188	2.125	4.642
	2.500	.219	2.062	5.335
	2.500	.250	2.000	6.008
	2.500	.281	1.937	6.659
	2.500	.313	1.875	7.311
	2.500	.344	1.813	7.921
2.500	.375	1.750	8.511	
2.500	.438	1.625	9.646	
2.500	.500	1.500	10.680	

2-9/16"	2.563	.180	2.203	4.581
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2-5/8"	2.625	.065	2.495	1.777
	2.625	.083	2.459	2.253
	2.625	.120	2.385	3.210
	2.625	.156	2.312	4.114
	2.625	.188	2.250	4.893
2.625	.219	2.187	5.627	
2.625	.250	2.125	6.341	

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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2-5/8"	2.625	.281	2.063	7.035
	2.625	.313	2.000	7.729
	2.625	.375	1.875	9.011
	2.625	.438	1.751	10.230
	2.625	.500	1.625	11.350

2-3/4"	2.750	.065	2.620	1.864
	2.750	.083	2.584	2.364
	2.750	.095	2.560	2.694
	2.750	.109	2.532	3.074
	2.750	.120	2.510	3.371
	2.750	.156	2.438	4.322
	2.750	.188	2.375	5.144
	2.750	.219	2.312	5.920
	2.750	.250	2.250	6.675
	2.750	.281	2.188	7.410
	2.750	.313	2.125	8.147
	2.750	.375	2.000	9.512
2.750	.438	1.875	10.820	
2.750	.500	1.750	12.020	

2-7/8"	2.875	.049	2.777	1.479
	2.875	.065	2.745	1.951
	2.875	.083	2.709	2.475
	2.875	.120	2.635	3.531
	2.875	.188	2.500	5.395
	2.875	.203	2.470	5.790
	2.875	.219	2.438	6.212
	2.875	.250	2.375	7.010
	2.875	.313	2.250	8.564
	2.875	.375	2.125	10.010
	2.875	.438	2.000	11.400
2.875	.500	1.875	12.680	

3"	3.000	.065	2.870	2.037
	3.000	.083	2.834	2.586
	3.000	.095	2.810	2.947
	3.000	.109	2.782	3.365
	3.000	.120	2.760	3.691

MECHANICAL TUBING

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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3"	3.000	.134	2.732	4.102
	3.000	.156	2.688	4.738
	3.000	.188	2.625	5.646
	3.000	.219	2.562	6.505
	3.000	.250	2.500	7.343
	3.000	.281	2.437	8.160
	3.000	.313	2.375	8.982
	3.000	.375	2.250	10.510
	3.000	.438	2.125	11.980
	3.000	.500	2.000	13.350

3-1/8"	3.125	.065	2.995	2.124
	3.125	.120	2.885	3.851
	3.125	.188	2.750	5.897
	3.125	.219	2.687	6.797
	3.125	.250	2.625	7.676
	3.125	.313	2.499	9.400
	3.125	.375	2.375	11.010
	3.125	.438	2.250	12.570
	3.125	.500	2.125	14.020

3-1/4"	3.250	.065	3.120	2.211
	3.250	.083	3.084	2.807
	3.250	.095	3.060	3.201
	3.250	.120	3.010	4.011
	3.250	.156	2.938	5.155
	3.250	.188	2.874	6.148
	3.250	.219	2.812	7.089
	3.250	.250	2.750	8.010
	3.250	.313	2.625	9.818
	3.250	.344	2.562	10.676
	3.250	.375	2.500	11.510
	3.250	.438	2.375	13.150
	3.250	.500	2.250	14.690

3-3/8"	3.375	.065	3.245	2.298
	3.375	.120	3.135	4.172
	3.375	.188	3.000	6.399
	3.375	.250	2.875	8.344

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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3-3/8"	3.375	.313	2.749	10.240
	3.375	.375	2.625	12.020
	3.375	.438	2.499	13.740

3-1/2"	3.500	.065	3.370	2.385
	3.500	.083	3.334	3.029
	3.500	.095	3.310	3.455
	3.500	.120	3.260	4.332
	3.500	.134	3.232	4.817
	3.500	.156	3.188	5.571
	3.500	.188	3.125	6.650
	3.500	.219	3.063	7.674
	3.500	.250	3.000	8.678
	3.500	.281	2.938	9.660
	3.500	.313	2.875	10.650
	3.500	.375	2.750	12.520
3.500	.438	2.625	14.320	
3.500	.500	2.500	16.020	

3-5/8"	3.625	.120	3.385	4.492
	3.625	.188	3.250	6.901
	3.625	.250	3.125	9.011
	3.625	.313	3.000	11.070
	3.625	.375	2.875	13.020
	3.625	.438	2.750	14.910
3.625	.500	2.625	16.690	

3-3/4"	3.750	.065	3.620	2.558
	3.750	.075	3.600	2.944
	3.750	.120	3.510	4.652
	3.750	.188	3.375	7.152
	3.750	.250	3.250	9.345
	3.750	.313	3.125	11.490
	3.750	.375	3.000	13.520
	3.750	.438	2.875	15.490
	3.750	.500	2.750	17.360

3-7/8"	3.875	.188	3.500	7.403
	3.875	.250	3.375	9.679

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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3-7/8"	3.875	.313	3.249	11.910
	3.875	.375	3.125	14.020
	3.875	.500	2.875	18.020

4"	4.000	.065	3.870	2.732
	4.000	.083	3.834	3.472
	4.000	.095	3.810	3.962
	4.000	.109	3.782	4.530
	4.000	.120	3.760	4.973
	4.000	.134	3.732	5.533
	4.000	.156	3.687	6.404
	4.000	.188	3.624	7.654
	4.000	.219	3.562	8.843
	4.000	.250	3.500	10.010
	4.000	.313	3.374	12.330
	4.000	.375	3.250	14.520
	4.000	.438	3.126	16.660
	4.000	.500	3.000	18.690

4-1/4"	4.250	.065	4.120	2.905
	4.250	.083	4.084	3.694
	4.250	.095	4.060	4.216
	4.250	.120	4.010	5.293
	4.250	.125	4.000	5.507
	4.250	.156	3.937	6.821
	4.250	.188	3.875	8.156
	4.250	.250	3.750	10.680
	4.250	.313	3.625	13.160
	4.250	.344	3.562	14.350
	4.250	.375	3.500	15.520
	4.250	.438	3.375	17.830
	4.250	.500	3.250	20.030

4-1/2"	4.500	.065	4.370	3.544
	4.500	.083	4.334	3.915
	4.500	.095	4.310	4.469
	4.500	.109	4.282	5.112
	4.500	.120	4.260	5.613
	4.500	.134	4.232	6.248

MECHANICAL TUBING

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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4-1/2"	4.500	.188	4.124	8.658
	4.500	.219	4.062	10.010
	4.500	.237	4.026	10.790
	4.500	.250	4.000	11.350
	4.500	.281	3.928	12.660
	4.500	.313	3.875	14.000
	4.500	.375	3.750	16.520
	4.500	.438	3.625	19.010
	4.500	.500	3.500	21.360

4-5/8"	4.625	.120	4.385	5.744
	4.625	.188	4.249	8.909
	4.625	.250	4.125	11.680
	4.625	.313	4.000	14.410
	4.625	.375	3.875	17.020
	4.625	.500	3.625	22.030

4-3/4"	4.750	.120	4.510	5.934
	4.750	.156	4.438	7.654
	4.750	.188	4.375	9.160
	4.750	.250	4.250	12.020
	4.750	.313	4.125	14.830
	4.750	.375	4.000	17.520
	4.750	.500	3.750	22.700

5"	5.000	.065	4.870	3.426
	5.000	.083	4.834	4.359
	5.000	.095	4.810	4.977
	5.000	.120	4.760	6.254
	5.000	.148	4.704	7.669
	5.000	.188	4.624	9.662
	5.000	.250	4.500	12.680
	5.000	.281	4.438	14.160
	5.000	.313	4.375	15.670
	5.000	.375	4.250	18.520
	5.000	.438	4.125	21.340
	5.000	.500	4.000	24.030

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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5-1/4"	5.250	.120	5.010	6.575
	5.250	.188	4.874	10.160
	5.250	.250	4.750	13.350
	5.250	.313	4.624	16.500
	5.250	.375	4.500	19.520
5.250	.500	4.250	25.370	

5-1/2"	5.500	.065	5.370	3.773
	5.500	.120	5.260	6.895
	5.500	.188	5.124	10.670
	5.500	.219	5.062	12.350
	5.500	.238	5.024	13.375
	5.500	.250	5.000	14.020
	5.500	.313	4.875	17.340
	5.500	.375	4.750	20.530
	5.500	.438	4.625	23.680
5.500	.500	4.500	26.700	

5-3/4"	5.750	.250	5.250	14.690
	5.750	.131	5.125	18.180
	5.750	.375	5.000	21.530
	5.750	.500	4.750	28.040

6"	6.000	.059	5.882	3.744
	6.000	.065	5.870	4.120
	6.000	.075	5.850	4.746
	6.000	.083	5.834	5.245
	6.000	.109	5.782	6.858
	6.000	.120	5.760	7.536
	6.000	.134	5.732	8.395
	6.000	.156	5.688	9.737
	6.000	.188	5.624	11.670
	6.000	.250	5.500	15.350
	6.000	.375	5.250	22.530
	6.000	.500	5.000	29.370

6-1/4"	6.250	.120	6.010	7.856
	6.250	.188	5.875	12.170

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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6-1/4"	6.250	.250	5.750	16.020
	6.250	.375	5.500	23.530
	6.250	.500	5.250	30.710

6-1/2"	6.500	.188	6.124	12.670
	6.500	.250	6.000	16.690
	6.500	.313	5.875	20.680
	6.500	.375	5.750	24.530
	6.500	.500	5.500	32.040

6-5/8"	6.625	.059	6.507	4.136
	6.625	.075	6.475	5.247
	6.625	.105	6.415	7.585
	6.625	.125	6.375	8.678
	6.625	.134	6.357	9.289
	6.625	.156	6.313	10.780
	6.625	.188	6.249	12.920
	6.625	.313	6.000	21.100

6-3/4"	6.750	.250	6.250	17.360
	6.750	.375	6.000	25.530
	6.750	.500	5.750	33.380

7"	7.000	.059	6.882	4.374
	7.000	.075	6.850	5.547
	7.000	.105	6.790	7.732
	7.000	.125	6.750	9.179
	7.000	.134	6.732	9.826
	7.000	.188	6.624	13.680
	7.000	.250	6.500	18.020
	7.000	.375	6.250	26.530
	7.000	.500	6.000	34.710

7-1/4"	7.250	.250	6.750	18.690
	7.250	.313	6.624	23.190
	7.250	.375	6.500	27.530
7.250	.500	6.250	36.050	

MECHANICAL TUBING

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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7-1/2"	7.500	.250	7.000	19.360
	7.500	.375	6.750	28.540
	7.500	.500	6.500	37.380

7-3/4"	7.750	.250	7.250	20.030
	7.750	.375	7.000	29.540
	7.750	.500	6.750	38.720

8"	8.000	.059	7.882	5.004
	8.000	.075	7.850	6.348
	8.000	.105	7.790	8.854
	8.000	.125	7.750	10.513
	8.000	.134	7.732	11.257
	8.000	.188	7.624	15.690
	8.000	.250	7.500	20.690
	8.000	.375	7.250	30.540
	8.000	.500	7.000	40.050

8-1/4"	8.250	.313	7.624	26.530
	8.250	.375	7.500	31.540
	8.250	.500	7.250	41.390

8-1/2"	8.500	.250	8.000	22.030
	8.500	.375	7.750	32.540
	8.500	.500	7.500	42.720

8-5/8"	8.625	.075	8.475	6.849
	8.625	.109	8.407	9.914
	8.625	.125	8.375	11.348
	8.625	.134	8.357	12.152
	8.625	.188	8.249	16.940

8-3/4"	8.750	.375	8.000	33.540
	8.750	.500	7.750	44.060

9"	9.000	.250	8.500	23.360
	9.000	.375	8.250	34.540
	9.000	.500	8.000	45.390

Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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9-1/4"	9.250	.250	8.750	24.030
	9.250	.500	8.250	46.730

9-1/2"	9.500	.250	9.000	24.700
	9.500	.375	8.750	36.550
	9.500	.500	8.500	48.060

9-3/4"	9.750	.250	9.250	25.370
	9.750	.500	8.750	49.400

10"	10.000	.075	9.850	7.950
	10.000	.105	9.790	11.096
	10.000	.125	9.750	13.190
	10.000	.134	9.732	14.119
	10.000	.188	9.624	19.650
	10.000	.375	11.250	45.558
	10.000	.250	9.500	26.033
	10.000	.375	9.250	38.550
	10.000	.500	9.000	50.730

10-1/2"	10.500	.250	10.000	27.370
	10.500	.375	9.750	40.550
	10.500	.500	9.500	53.400

10-3/4"	10.750	.109	10.532	12.387
	10.750	.134	10.482	15.200
	10.750	.188	10.374	21.207

11"	11.000	.500	10.00	56.070
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11-1/4"	11.250	.500	10.250	57.405
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Tube O.D.	O.D./ In.	Wall/ In.	I.D./ In.	Wt./ Ft.
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11-1/2"	11.500	.500	10.500	58.740
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12"	12.000	.105	11.790	13.339
	12.000	.120	11.760	15.225
	12.000	.135	11.730	17.107
	12.000	.188	11.624	23.717
	12.000	.250	11.500	31.373
	12.000	.375	11.250	45.558
12.000	.500	11.000	61.410	

12-1/2"	12.500	.500	11.500	64.080
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12-3/4"	12.750	.105	12.540	14.180
	12.750	.135	12.480	18.188
	12.750	.188	12.374	24.200

13"	13.000	.500	12.000	66.750
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13-3/8"	13.375	.500	12.375	68.753
	13.375	.750	11.875	101.126

14"	14.000	.109	13.782	16.171
	14.000	.134	13.732	19.844
	14.000	.188	13.624	27.732

14-3/8"	14.375	.500	13.375	74.093
	14.375	.750	12.875	109.136

15"	15.000	.375	14.250	58.573
	15.000	.500	14.000	77.430

16"	16.000	.105	15.790	17.825
	16.000	.134	15.732	22.706



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