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Pipe Dimension & Weights

PIPE SIZES	OD (IN)											
		5s	5	10s	10	20	30	40 & Std	40	60	80s & E.H.	80
1/8	.405		.035 .1383	.049 .1863	.049 .1863			.068 .2447	.068 .2447		.095 .3145	.095 .3145
1/4	.540		.049 .2570	.065 .3297			.088 .4248	.088 .4248		.119 .5351	.119 .5351	
3/8	.675		.049 .3276	.065 .4235	.065 .4235			.091 .5676	.091 .5676		.126 .7338	.126 .7338
1/2	.840	.065 .5383	.065 .5383	.083 .6710	.083 .6710			.109 .8510	.109 .8510		.147 1.088	.147 1.088
3/4	1.050	.065 .6838	.065 .6838	.083 .8572	.083 .8572			.113 1.131	.113 1.131		.154 1.474	.154 1.474
1	1.315	.065 .8678	.065 .8678	.109 1.404	.109 1.404			.133 1.679	.133 1.679		.179 2.172	.179 2.172
1 1/4	1.660	.065 1.107	.065 1.107	.109 1.806	.109 1.806			.140 2.273	.140 2.273		.191 2.997	.191 2.997
1 1/2	1.900	.065 1.274	.065 1.274	.109 2.085	.109 2.085			.145 2.718	.145 2.718		.200 3.631	.200 3.631
2	2.375	.065 1.604	.065 1.604	.109 2.638	.109 2.638			.154 3.653	.154 3.653		.218 5.022	.218 5.022
2 1/2	2.875	.083 2.475	.083 2.475	.120 3.531	.120 3.531			.203 5.793	.203 5.793		.276 7.661	.276 7.661
3	3.500	.083 3.029	.083 3.029	.120 4.332	.120 4.332			.216 7.576	.216 7.576		.300 10.25	.300 10.25
3 1/2	4.000	.083 3.472	.083 3.472	.120 4.973	.120 4.973			.226 9.109	.226 9.109		.318 12.51	.318 12.51
4	4.500	.083 3.915	.083 3.915	.120 5.613	.120 5.613			.237 10.79	.273 10.79	.281 12.66	.337 14.98	.337 14.98
4 1/2	5.000							.247 12.53			.355 17.61	
5	5.563	.109 6.349	.109 6.349	.134 7.770	.134 7.770			.258 14.62	.258 14.62		.375 20.78	.375 20.78
6	6.625	.109 7.585	.109 7.585	.134 9.290	.134 9.290			.280 18.97	.280 18.97		.432 28.57	.432 28.57
7	7.625							.301 23.57			.500 38.05	
8	8.625	.109 9.914	.109 9.914	.148 13.40	.148 13.40	.250 22.36	.277 24.70	.322 28.50	.322 28.55	.406 35.64	.500 43.39	.500 43.39
9	9.625							.342 33.90			.500 48.72	
10	10.750	.134 15.19	.134 15.19	.165 18.65	.165 18.70	.250 28.04	.307 34.24	.365 40.48	.365 40.48	.500 54.74	.500 54.74	.593 64.33
11	11.750							.375 45.55			.500 60.07	
12	12.750	.156 21.07	.165 22.18	.180 24.16	.180 24.20	.250 33.38	.330 43.77	.375 49.56	.406 53.53	.562 73.16	.500 65.42	.687 88.51
14	14.000	.156 23.07		.188 27.73	.250 36.71	.312 45.68	.375 54.57	.375 54.57	.437 63.37	.593 84.91	.500 72.09	.750 106.1
16	16.000	.165 27.90		.188 31.75	.250 42.05	.312 52.36	.375 62.58	.375 62.58	.500 82.77	.656 107.5	.500 82.77	.843 136.5
18	18.000	.165 31.43		.188 35.73	.250 47.39	.312 59.03	.437 52.06	.375 70.59	.562 104.8	.750 138.2	.500 93.45	.937 170.8
20	20.000	.188 39.78		.218 46.05	.250 52.73	.375 78.60	.500 104.1	.375 78.60	.593 122.9	.812 166.4	.500 104.1	1.031 208.9
24	24.000	.218 55.37		.250 63.41	.250 63.41	.375 94.62	.562 140.8	.375 94.62	.687 171.2	.968 238.1	.500 125.5	1.218 296.4
26	26.000				.312 85.60	.500 136.17		.375 102.63			.500 136.17	
28	28.000				.312 92.26	.500 146.85	.625 182.73	.375 110.64				
30	30.000	.250 79.43		.312 98.93	.312 98.93	.500 157.53	.625 196.08	.375 118.65			.500 157.53	
32	32.000				.312 105.59	.500 168.21	.625 209.43	.375 126.66	.688 230.08		.500 168.21	
34	34.000				.312 112.25	.500 178.89	.625 222.78	.375 134.67	.688 244.77			
36	36.000				.312 118.92		.625 236.13	.375 142.68	.750 282.35		.500 189.57	

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Pipe & Tube Flange/Fittings Mills Represented By Primrose Alloys, Inc.

APPLICATION	COMMON STEEL GRADES	FINISH OR STATE	SPECIFICATIONS	COMMON SIZE RANGES		
				OD	WALL	LENGTH
General Services Scheduled Pipes (Seamless, Welded)	TP304, TP304L TP316, TP316L TP321, TP347 TP317L, Duplex, (2205 & 2507)	A & P	ASTM A 312 ASME SA 312 ASTM A 450 NACE MR 01-075	1/2" - 12"	0.065" - 1.125"	17" - 24'
				10" - 30"	0.165" - 0.375"	
Boiler Tubes (Seamless)	TP304H TP310H TP316H TP321 TP347H	A & P	ASTM A 213 ASME SA 213 ASTM A 269 ASTM A 450 NACE MR 01-075	1/2" - 6"	Customer Specified	
Redraw Hollows (Seamless)	TP304, TP304L TP316, TP316L TP321	A & P	ASTM A 213 ASME SA 213 ASTM A 269 ASTM A 450 NACE MR 01-075	1/2" - 10"	Customer Specified	
Hollow Bars (Seamless)	TP310, TP321, TP347, TP304, TP304L TP316, TP316L MIN/MAX SULPHUR	A & P	ASTM A 511 ASTM A 450 Sulfur Content Limits	1/2" - 20"	Customer Specified	
Ornamental Instrumentation Tubing (Seamless, Welded)	TP304, TP304L TP316, TP316L (Dual Specification) 409	A & P, OD Polished (180 - 600 Grit) B.A.	ASTM A 270 ASTM A 213 ASME SA 213 ASTM A 269 ASTM A 450 NACE MR 01-075 ASTM A 554	1/4" - 6 1/2"	2 - 20'	
Hypodermic Tubing (Seamless, Welded & Drawn)	TP304, TP304L TP316, TP316L	Hard or Semi-Hard	ASTM A632-04	0.050" - 0.125"	0.050" - 0.035"	10' or 20'
		BA				
Heat Exchanger Tubes (Welded)	TP304, TP304L TP316, TP316L TP321; Duplex (2205 & 2507) Titanium Copper/Copper Alloy	A & P	ASTM A 249 ASME SA 249 ASTM A 450 NACE MR 01-075 ASTM B111	3/4" - 1 1/4"	0.035" 0.049" 0.065" 0.083" 0.109" 0.120"	>48'
Feedwater Heater Tubes (Welded)	TP304, TP304L TP316, TP316L TP321; Duplex (2205 & 2507) Titanium Copper/Copper Alloy	A & P, BA, U-bend Tubes	ASTM A688 ASME SA 688 ASTM A 450 NACE MR 01-075 ASME SB111	3/4" - 1 1/4"	0.035" 0.049" 0.065" 0.083" 0.109" 0.120"	>48'
Forged Flanges/Fittings	F304, TF304L F316, F316L, F321, 316Ti, F11, F51, ALLOY, CARBON		ASTM A 182	ASTM A 182	1/2 inch < OD < 120 inch	

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