

ALLOY PIPES

PIPE DIMENSIONS AND WEIGHT

		PIPE SCHEDULES															
NOM PIPE SIZE	O.D. DIA INCHES	5S	5	10S	TRUE 10	20	30	40 & STD	TRUE 40	60	80 & XS	TRUE 80	100	120	140	160	XXS
1/8	.405		.035	.049	.049			.068	.068		.095	.095					
			.1383	.1863	.1863			.2447	.2447		.3145	.3145					
1/4	.540		.049	.065	.065			.088	.088		.119	.119					
			.2570	.3297	.3297			.4248	.4248		.5351	.5351					
3/8	.675		.049	.065	.065			.091	.091		.126	.126					
			.3276	.4235	.4235			.5676	.5676		.7388	.7388					
1/2	.840	.065	.065	.083	.083			.109	.109		.147	.147				.187	.294
		.5383	.5385	.6710	.6710			.8510	.8510		1.088	1.088				1.304	1.714
3/4	1.050	.065	.065	.083	.083			.113	.113		.154	.154				.218	.308
		.6838	.6838	.8572	.8572			1.131	1.131		1.474	1.474				1.937	2.441
1	1.315	.065	.065	.109	.109			.133	.133		.179	.179				.250	.358
		.8678	.8678	1.404	1.404			1.679	1.679		2.172	2.172				2.844	3.659
1 1/4	1.660	.065	.065	.109	.109			.140	.140		.191	.191				.250	.382
		1.107	1.107	1.806	1.806			2.273	2.273		2.997	2.997				3.765	5.214
1 1/2	1.900	.065	.065	.109	.109			.145	.145		.200	.200				.281	.400
		1.274	1.274	2.085	2.085			2.718	2.718		3.631	3.631				4.859	6.408
2	2.375	.065	.065	.109	.109			.154	.154		.218	.218				.344	.436
		1.604	1.604	2.638	2.638			3.653	3.653		5.022	5.022				7.462	9.029
2 1/2	2.875	.083	.083	.120	.120			.203	.203		.276	.276				.375	.552
		2.475	2.475	3.531	3.531			5.793	5.793		7.661	7.661				10.01	13.70
3	3.500	.083	.083	.120	.120			.216	.216		.300	.300				.438	.600
		3.029	3.029	4.332	4.332			7.576	7.576		10.25	10.25				14.32	18.58
3 1/2	4.000	.083	.083	.120	.120			.226	.226		.318	.318					.636
		3.472	3.472	4.937	4.937			9.109	9.109		12.51	12.51					22.85
4	4.500	.083	.083	.120	.120			.237	.237		.337	.337		.438		.531	.674
		3.915	3.915	5.613	5.613			10.79	10.79		14.98	14.98		19.00		22.51	27.54
5	5.563	.109	.109	.134	.134			.258	.258		.375	.375		.500		.625	.750
		6.349	6.349	7.770	7.770			14.62	14.62		20.78	20.78		27.04		32.96	38.55
6	6.625	.109	.109	.134	.134			.280	.280		.432	.432		.562		.719	.864
		7.585	7.585	9.289	9.289			18.97	18.97		28.57	28.57		36.39		43.35	53.16
8	8.625	.109	.109	.148	.148	.250	.277	.322	.322	.406	.500	.500	.594	.719	.812	.906	.875
		9.914	9.914	13.40	13.40	22.36	24.70	28.55	28.55	35.64	43.39	43.39	50.95	60.71	67.76	74.79	72.42
10	10.75	.134	.134	.165	.165	.250	.307	.365	.365	.500	.500	.564	.719	.844	1.000	1.125	1.000
		15.19	15.19	18.65	18.65	28.04	34.24	40.48	40.48	54.74	54.74	64.43	77.03	82.29	104.1	115.6	104.1
12	12.75	.156	.165	.180	.180	.250	.330	.375	.406	.562	.500	.500	.844	1.000	1.125	1.312	1.000
		21.07	22.18	24.16	24.16	33.38	43.77	49.56	53.52	73.15	65.42	88.63	107.3	125.5	136.7	160.3	125.5
14	14.00	.156		.188	.250	.312	.375	.375	.438	.594	.500	.750	.938	1.094	1.250	1.406	
		23.07		27.73	36.71	45.61	54.57	54.57	63.44	85.05	72.09	106.1	130.9	150.8	170.2	189.1	
16	16.00	.165		.188	.250	.312	.375	.375	.500	.656	.500	.844	1.031	1.219	1.438	1.594	
		27.90		31.75	42.05	52.27	62.58	62.58	82.77	107.5	82.77	136.6	164.8	192.4	223.6	245.3	
18	18.00	.165		.188	.250	.312	.438	.375	.562	.750	.500	.938	1.156	1.375	1.562	1.781	
		31.43		35.76	47.39	58.94	82.15	70.59	104.7	138.2	93.45	170.9	208.0	244.1	274.2	308.5	
20	20.00	.188		.218	.250	.315	.500	.375	.594	.812	.500	1.031	1.281	1.500	1.750	1.969	
		39.78		46.05	52.73	78.60	104.1	78.60	123.1	166.4	104.1	208.9	256.1	296.4	341.1	379.2	
24	24.00	.218		.250	.250	.375	.562	.375	.688	.969	.500	1.219	1.531	1.812	2.062	2.344	
		55.37		63.41	63.41	96.42	140.7	94.62	171.3	238.4	125.5	296.6	367.4	429.4	483.1	542.1	
26	26.00			.312	.500			.375			.500						
				85.60	136.17			102.63			136.17						
28	28.00			.312	.500	.625	.375										
				92.26	146.85	182.73	110.64										
30	30.00	.250		.312	.312	.500	.625	.375			.500						
		79.43		98.93	98.93	157.53	196.08	118.65			157.53						
32	32.00			.312	.500	.625	.375	.688			.500						
				105.59	168.21	209.43	126.66	230.08			168.21						
34	34.00			.312	.500	.625	.375	.688									
				112.25	178.89	222.78	134.67	244.77									
36	36.00			.312		.625	.375	.750			.500						
				118.92		236.13	142.68	282.35			189.57						

To calculate weight use factors listed below and multiply by weight per foot.

Alloy 200	1.1343
Alloy 400	1.1272
Alloy 600	1.0742
Alloy 825	1.0389
Alloy 800	1.0247
Alloy 20	1.0220



RED Wall Thickness in inches
BLACK Steel Weight per foot in Pounds

NOTE: All information for reference only and not for specific construction or application purposes.