

WEIGHT OF SEAMLESS BRASS AND COPPER PIPE

Iron Pipe Sizes
REGULAR PIPE

Pipe Size in Inches	DIMENSIONS IN INCHES			POUNDS PER LINEAL FOOT	
	O.D.	I.D.	Wall Thickness	Red Brass	Copper
1/8	.405	.281	.062	.253	.259
1/4	.540	.376	.082	.447	.457
3/8	.675	.495	.090	.627	.641
1/2	.840	.626	.107	.934	.955
3/4	1.050	.822	.114	1.27	1.30
1	1.315	1.063	.126	1.78	1.82
1 1/4	1.660	1.368	.146	2.63	2.69
1 1/2	1.900	1.600	.150	3.13	3.20
2	2.375	2.063	.156	4.12	4.22
2 1/2	2.875	2.501	.187	5.99	6.12
3	3.500	3.062	.219	8.56	8.75
3 1/2	4.000	3.500	.250	11.2	11.4
4	4.500	4.000	.250	12.7	12.9
4 1/2	5.000	4.500	.250	14.1	14.5
5	5.563	5.063	.250	15.8	16.2
6	6.625	6.125	.250	19.0	19.4

RED BRASS 85%

Pipe With Threaded Ends
Allowable Pressure

POUNDS PER SQUARE INCH				
Standard Size (Inches)	@	@	@	@
	100° F	200° F	300° F	400° F
1/8	370	370	320	140
1/4	870	870	760	330
3/8	890	890	780	340
1/2	900	900	790	340
3/4	810	810	710	310
1	630	630	560	240
1 1/4	690	690	610	260
1 1/2	630	630	560	240
2	540	540	480	210
2 1/2	450	450	390	170
3	510	510	450	190
3 1/2	570	570	500	220
4	510	510	440	190
5	410	410	360	160
6	340	340	300	130

WEIGHT OF SEAMLESS BRASS AND COPPER PIPE

EXTRA STRONG PIPE

Pipe Size in Inches	DIMENSIONS IN INCHES			POUNDS PER LINEAL FOOT	
	O.D.	I.D.	Wall Thickness	Red Brass	Copper
1/8	.405	.205	.100	.363	.371
1/4	.540	.294	.123	.611	.625
3/8	.675	.421	.127	.829	.847
1/2	.840	.542	.149	1.23	1.25
3/4	1.050	.736	.157	1.67	1.71
1	1.315	.951	.182	2.46	2.51
1 1/4	1.660	1.272	.194	3.39	3.46
1 1/2	1.900	1.494	.203	4.10	4.19
2	2.375	1.933	.221	5.67	5.80
2 1/2	2.875	2.315	.280	8.66	8.85
3	3.500	2.892	.304	11.6	11.8
3 1/2	4.000	3.358	.321	14.1	14.4
4	4.500	3.818	.341	16.9	17.3

RED BRASS 85%

Pipe With Threaded Ends
EXTRA STRONG (XS)
Allowable Internal Pressure

POUNDS PER SQUARE INCH				
Standard Size (Inches)	@	@	@	@
	100° F	200° F	300° F	400° F
1/8	1960	1960	1710	740
1/4	2210	2210	1930	830
3/8	1840	1840	1610	690
1/2	1760	1760	1540	660
3/4	1510	1510	1320	570
1	1340	1340	1180	510
1 1/4	1160	1160	1020	440
1 1/2	1090	1090	960	410
2	1000	1000	870	380
2 1/2	970	970	850	370
3	910	910	790	340
3 1/2	860	860	750	330
4	840	840	730	320

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