



SC MFG. GROUP

DBA HIDALGO METALS ENTERPRISE LTD.

ONTARIO, CANADA
OVER TWENTY YEARS IN PRODUCTION

REFERENCE TABLES · 2026

PIPES AND TUBING

Cold drawn and cold rolled, bright annealed. The specifications we produce to, the diameter tolerances we hold, and full dimension and weight tables for both pipe and tube. Specifications can be customised at your request.

A/SA 312, 358, 376, 409 and A 778

Every schedule, 5S through XXS

A213, A249 and A269 tube

Pipe cutting up to 26" O.D., PMI

1/8"-60"

PIPE NPS

3/4"-6"

TUBE O.D.

577

ROWS TABULATED

1,500+

TON PRESS

01 HOW PIPE SIZE IS IDENTIFIED

NPS

Pipe is identified by nominal pipe size (NPS), which is not the same as the measured outside diameter. For sizes 1/8" through 12" the actual outside diameter is larger than the corresponding NPS; consult the dimension table that follows.

For sizes 14" and larger the outside diameter is the same as the NPS. Tube, by contrast, is ordered by its actual outside diameter and wall thickness, and is tabulated separately at the back of this document.

02 PIPE SPECIFICATIONS

ASTM / ASME DESIGNATIONS

DESIGNATION	TITLE
A/SA 312	Specification for Seamless and Welded Austenitic Stainless Steel Pipe
A/SA 358	Specification for Electric-Fusion-Welded Austenitic Chromium-Nickel Alloy Steel Pipe for High-Temperature Service
A/SA 376	Specification for Seamless Austenitic Stainless Steel Pipe for High-Temperature Central-Station Service
A/SA 409	Specification for Welded Large Diameter Austenitic Stainless Steel Pipe for Corrosive or High-Temperature Service
A 778	Specification for Welded Unannealed Stainless Steel Pipe

PERMISSIBLE VARIATION IN OUTSIDE DIAMETER · A/SA 312

NOMINAL PIPE SIZE (IN)	PLUS	MINUS
1/8 to 1 1/2, incl.	1/64 (0.015)	1/32 (0.031)
Over 1 1/2 to 4, incl.	1/32 (0.031)	1/32 (0.031)
Over 4 to 8, incl.	1/16 (0.062)	1/32 (0.031)
Over 8 to 18, incl.	3/32 (0.093)	1/32 (0.031)
Over 18 to 24, incl.	1/8 (0.125)	1/32 (0.031)

BURSTING PRESSURE · BARLOW'S FORMULA

$$P = 2(S \times T) \div O.D.$$

P — BURSTING PRESSURE, P.S.I.

T — WALL THICKNESS, INCHES

O.D. — OUTSIDE DIAMETER, INCHES

S — TENSILE STRENGTH

TYPICAL TENSILE STRENGTH (S)

Stainless steel (300 series)	70,000 – 75,000 psi
Chrome moly (P1 to P22)	55,000 – 60,000 psi
Alloy 20	80,000 psi
904L	70,000 psi
Duplex	90,000 psi

Other services available. Pipe cutting up to 26" O.D., PMI and further processing on request.

03 PIPE DIMENSIONS AND WEIGHTS

NPS 1/8" TO 1 1/4"

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
1/8	0.405	6mm	5	0.035	0.1383	12963
			10S	0.049	0.1863	18148
			10	0.049	0.1863	18148
			40S	0.068	0.2447	25185
			40	0.068	0.2447	25185
			80S x XS	0.095	0.3145	35185
			80	0.095	0.3145	35185
1/4	0.54	8mm	5	0.049	0.257	13611
			10S	0.065	0.3297	18056
			10	0.065	0.3297	18056
			40S	0.088	0.4248	24444
			40	0.088	0.4248	24444
			80S x XS	0.119	0.5351	33056
			80	0.119	0.5351	33056
3/8	0.675	10mm	5	0.049	0.3276	10889
			10S	0.065	0.4235	14444
			10	0.065	0.4235	14444
			40S	0.091	0.5676	20222
			40	0.091	0.5676	20222
			80S x XS	0.126	0.7388	28000
			80	0.126	0.7388	28000
1/2	0.84	15mm	5S	0.065	0.5383	11607
			5	0.065	0.5383	11607
			10S	0.083	0.671	14821
			10	0.083	0.671	14821
			40S	0.109	0.851	19464
			40	0.109	0.851	19464
			80S x XS	0.147	1.088	26250
			80	0.147	1.088	26250
			160	0.187	1.304	33393
			XXS	0.294	1.714	52500

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
3/4	1.05	20mm	5S	0.065	0.684	9286
			5	0.065	0.684	9286
			10S	0.083	0.857	11857
			10	0.083	0.857	11857
			40S	0.113	1.131	16143
			40	0.113	1.131	16143
			80S x XS	0.154	1.474	22000
1	1.315	25mm	80	0.154	1.474	22000
			160	0.218	1.937	31143
			XXS	0.308	2.441	44000
			5S	0.065	0.868	7414
			5	0.065	0.868	7414
			10S	0.109	1.404	12433
			10	0.109	1.404	12433
1 1/4	1.66	32mm	40S	0.133	1.679	15171
			40	0.133	1.679	15171
			80S x XS	0.179	2.172	20418
			80	0.179	2.172	20418
			160	0.25	2.844	28517
			XXS	0.358	3.659	40837
			5S	0.065	1.107	5873
1 1/2	1.915	38mm	5	0.065	1.107	5873
			10S	0.109	1.806	9849
			10	0.109	1.806	9849
			40S	0.14	2.273	12651
			40	0.14	2.273	12651
			80S x XS	0.191	2.997	17259
			80	0.191	2.997	17259
2	2.375	48mm	160	0.25	3.765	22590
			XXS	0.382	5.214	34518

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.

03 PIPE DIMENSIONS AND WEIGHTS

NPS 1 1/2" TO 4 1/2"

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
1 1/2	1.9	40mm	5S	0.065	1.274	5132
			5	0.065	1.274	5132
			10S	0.109	2.085	8605
			10	0.109	2.085	8605
			40S	0.145	2.718	11447
			40	0.145	2.718	11447
			80S x XS	0.2	3.631	15789
			80	0.2	3.631	15789
			160	0.281	4.859	22184
			XXS	0.4	6.408	31578
2	2.375	50mm	5S	0.065	1.604	4105
			5	0.065	1.604	4105
			10S	0.109	2.638	6884
			10	0.109	2.638	6884
			40S	0.154	3.653	9726
			40	0.154	3.653	9726
			80S x XS	0.218	5.022	13768
			80	0.218	5.022	13768
			160	0.344	7.444	21726
			XXS	0.436	9.029	27537
2 1/2	2.875	65mm	5S	0.083	2.475	4330
			5	0.083	2.475	4330
			10S	0.12	3.531	6261
			10	0.12	3.531	6261
			40S	0.203	5.793	10591
			40	0.203	5.793	10591
			80S x XS	0.276	7.661	14400
			80	0.276	7.661	14400
			160	0.375	10.01	19565
			XXS	0.552	13.7	28800

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
3	3.5	80mm	5S	0.083	3.029	3557
			5	0.083	3.029	3557
			10S	0.12	4.332	5143
			10	0.12	4.332	5143
			40S	0.216	7.576	9257
			40	0.216	7.576	9257
			80S x XS	0.3	10.25	12857
			80	0.3	10.25	12857
			160	0.437	14.32	18729
			XXS	0.6	18.58	25714
3 1/2	4	90mm	5S	0.083	3.472	3112
			5	0.083	3.472	3112
			10S	0.12	4.937	4500
			10	0.12	4.937	4500
			40S	0.226	9.109	8475
			40	0.226	9.109	8475
			80S x XS	0.318	12.51	11925
			80	0.318	12.51	11925
			XXS	0.636	22.85	23850
4	4.5	100mm	5S	0.083	3.915	2767
			5	0.083	3.915	2767
			10S	0.12	5.613	4000
			10	0.12	5.613	4000
			40S	0.237	10.79	7900
			40	0.237	10.79	7900
			80S x XS	0.337	14.98	11233
			80	0.337	14.98	11233
			120	0.437	19	14600
			160	0.531	22.51	17700
4 1/2	5	115mm	40S	0.247	12.54	7410
			80S x XS	0.355	17.61	10650
			XXS	0.71	32.53	21300

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.

03 PIPE DIMENSIONS AND WEIGHTS

NPS 5" TO 11"

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
5	5.563	125mm	5S	0.109	6.349	2939
			5	0.109	6.349	2939
			10S	0.134	7.77	3613
			10	0.134	7.77	3613
			40S	0.258	14.62	6957
			40	0.258	14.62	6957
			80S x XS	0.375	20.78	10111
			80	0.375	20.78	10111
			120	0.5	27.04	13482
			160	0.625	32.96	16852
			XXS	0.75	38.55	20223
6	6.625	150mm	5S	0.109	7.585	2468
			5	0.109	7.585	2468
			10S	0.134	9.29	3034
			10	0.134	9.29	3034
			40S	0.28	18.97	6340
			40	0.28	18.97	6340
			80S x XS	0.432	28.57	9781
			80	0.432	28.57	9781
			120	0.562	36.39	12725
			160	0.719	43.35	16279
			XXS	0.864	53.16	19562
7	7.625	175mm	40S	0.301	23.54	5921
			80S x XS	0.5	38.04	9836
			XXS	0.875	63.08	17213

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
8	8.625	200mm	5S	0.109	9.914	1896
			5	0.109	9.914	1896
			10S	0.148	13.4	2574
			10	0.148	13.4	2574
			20	0.25	22.36	4347
			30	0.277	24.7	4817
			40S	0.322	28.55	5600
			40	0.322	28.55	5600
			60	0.406	35.64	7060
			80S x XS	0.5	43.39	8696
			80	0.5	43.39	8696
			100	0.594	50.95	10330
9	9.625	225mm	120	0.719	60.71	12504
			140	0.812	67.67	14121
			160	0.906	74.79	15756
			XXS	0.875	72.42	15217
			40S	0.342	33.91	5330
			80S x XS	0.5	48.73	7792
10	10.75	250mm	5S	0.134	15.19	1870
			5	0.134	15.19	1870
			10S	0.165	18.65	2302
			10	0.165	18.65	2302
			20	0.25	28.04	3488
			30	0.307	34.24	4283
			40S	0.365	40.48	5093
			40	0.365	40.48	5093
			60	0.5	54.74	6977
			80S x XS	0.5	54.74	6977
			80	0.594	64.43	8288
			100	0.719	77.03	10033
11	11.75	275mm	120	0.844	89.2	11777
			140	1	104.1	13953
			160	1.125	115.6	15697
			40S	0.375	45.56	4787
			80S x XS	0.5	60.08	6383

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.

03 PIPE DIMENSIONS AND WEIGHTS

NPS 12" TO 18"

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
12	12.75	300mm	5S	0.156	21.07	1835
			5	0.165	22.18	1941
			10S	0.18	24.16	2118
			10	0.18	24.16	2118
			20	0.25	33.38	2941
			30	0.33	43.77	3882
			40S	0.375	49.56	4412
			40	0.406	53.52	4776
			60	0.562	73.15	6611
			80S x XS	0.5	65.42	5882
			80	0.688	88.63	8094
			100	0.844	107.3	9929
			120	1	125.5	11765
			140	1.125	136.7	13235
			160	1.312	160.3	15435
14	14	350mm	5S	0.156	23.07	1671
			10S	0.188	27.73	2014
			10	0.25	36.71	2679
			20	0.312	45.61	3343
			30	0.375	54.57	4017
			40S	0.375	54.57	4018
			40	0.438	63.44	4692
			60	0.594	85.05	6364
			80S x XS	0.5	72.09	5357
			80	0.75	106.1	8035
			100	0.938	130.9	10050
			120	1.094	150.8	11721
			140	1.25	170.2	13393
			160	1.406	189.1	15064

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
16	16	400mm	5S	0.165	27.9	1546
			10S	0.188	31.75	1762
			10	0.25	42.05	2344
			20	0.312	52.27	2925
			30	—	—	3515
			40S	0.375	62.58	3516
			40	0.5	82.77	4687
			60	0.656	107.5	6150
			80S x XS	0.5	82.77	4688
			80	0.844	136.6	7912
			100	1.031	164.8	9665
			120	1.219	192.4	11428
			140	1.438	223.6	13481
			160	1.594	245.3	14943
18	18	450mm	5S	0.165	31.43	1375
			10S	0.188	35.76	1566
			10	0.25	47.39	2083
			20	0.312	58.94	2600
			30	0.438	82.1	3650
			40S	0.375	70.59	3125
			40	0.562	104.7	4683
			60	0.75	138.2	6250
			80S x XS	0.5	93.45	4167
			80	0.938	170.9	7817
			100	1.156	208	9633
			120	1.375	244.1	11458
			140	1.562	274.2	13016
			160	1.781	308.5	14842

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.

03 PIPE DIMENSIONS AND WEIGHTS

NPS 20" TO 60"

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
20	20	500mm	5S	0.188	39.78	1410
			10S	0.218	46.05	1635
			10	0.25	52.73	1875
			20	0.375	78.6	2812
			30	0.5	104.1	3750
			40S	0.375	78.6	2812
			40	0.594	123.1	4455
			60	0.812	166.4	6090
			80S x XS	0.5	104.1	3750
			80	1.031	208.9	7733
			100	1.281	256.1	9607
			120	1.5	296.4	11250
			140	1.75	341.1	13125
			160	1.969	379.2	14767
22	22	550mm	5S	0.188	43.88	1281
			10S	0.218	50.69	1486
24	24	600mm	5S	0.218	55.37	1362
			10S	0.25	63.41	1563
			10	0.25	63.41	1563
			20	0.375	96.42	2343
			30	0.562	140.7	3512
			40S	0.375	94.62	2344
			40	0.688	171.3	4300
			60	0.969	238.4	6056
			80S x XS	0.5	125.5	3125
			80	1.219	296.6	7619
			100	1.531	367.4	9569
			120	1.812	429.4	11325
			140	2.062	483.1	12888
			160	2.344	542.1	14650
26	26	650mm	10	0.312	85.6	1560
			20	0.5	136.17	2885
			40S	0.375	102.63	2163
			80S x XS	0.5	136.17	2885
28	28	700mm	10	0.312	92.26	1671
			20	0.5	146.85	2679
			30	0.625	182.73	3348
			40S	0.375	110.64	2008

NPS	O.D.	DN	SCH	WALL	LB/FT	BURST
30	30	750mm	5S	0.25	79.43	1250
			10S	0.312	98.93	1560
			10	0.312	98.93	1560
			20	0.5	157.53	2500
			30	0.625	196.08	3125
			40S	0.375	118.65	1875
			80S x XS	0.5	157.53	2500
32	32	800mm	10	0.312	105.59	1462
			20	0.5	168.21	2343
			30	0.625	209.43	2929
			40S	0.375	126.66	1757
			40	0.688	230.08	3225
			80S x XS	0.5	168.21	2343
34	34	850mm	10	0.312	112.25	1376
			20	0.5	178.89	2205
			30	0.625	222.78	2757
			40S	0.375	134.67	1654
36	36	900mm	40	0.688	244.77	3035
			10	0.312	118.92	1300
			30	0.625	236.13	2604
			40S	0.375	142.68	1562
40	40	1000mm	40	0.75	282.35	3125
			80S x XS	0.5	189.57	2083
			40S	0.375	158.7	1406
			80S x XS	0.5	210.93	1875
44	44	1100mm	40S	0.375	174.72	1278
			80S x XS	0.5	232.29	1705
48	48	1200mm	40S	0.375	190.74	1171
			80S x XS	0.5	253.65	1562
52	52	1300mm	40S	0.375	206.76	1081
			40	0.75	410.51	2163
			80S x XS	0.5	275.01	1442
56	56	1400mm	40S	0.375	222.78	1004
			40	0.75	442.55	2008
			80S x XS	0.5	296.37	1339
60	60	1500mm	40S	0.375	238.8	937
			40	0.75	474.59	1875
			80S x XS	0.5	317.73	1250

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.

04 TUBE

HOW SIZE IS IDENTIFIED

Tube is ordered by its actual outside diameter and wall thickness, not by a nominal size. A 1" tube measures one inch across the outside, whatever the wall.

Cold drawn and cold rolled, bright annealed, in the sizes and walls tabulated on the pages that follow. Other diameters and walls on request.

ASTM / ASME DESIGNATIONS

ASTM/ASME	TITLE
A213 / SA213	Seamless Ferritic and Austenitic Alloy-Steel Boiler, Super-Heater and Heat Exchanger Tubes
A249 / SA249	Welded Austenitic Stainless Steel Boiler, Super-Heater, Heat Exchanger and Condenser Tubes
A269	Seamless and Welded Austenitic Stainless Steel Tubing for General Service

NOT LISTED?

Specifications can be customised at your request. Send the diameter, wall and specification and we will quote it.

05 TUBE DIMENSIONS AND WEIGHTS

O.D. 3/4" TO 1 3/8"

O.D.	O.D. (IN)	WALL	LB/FT	BURST
3/4	0.75	0.02	0.155	3998
		0.025	0.193	5003
		0.028	0.215	5603
		0.035	0.215	6998
		0.049	0.366	9803
		0.065	0.475	12997
		0.083	0.591	16598
		0.095	0.664	18998
		0.109	0.746	21803
		0.12	0.807	24000
		0.156	0.99	31200
		0.188	1.128	37403
7/8	0.875	0.02	0.183	3428
		0.025	0.227	4283
		0.028	0.253	4800
		0.035	0.314	6000
		0.049	0.432	8400
		0.065	0.562	11145
		0.083	0.702	14228
		0.095	0.791	16283
		0.109	0.891	18863
		0.12	0.968	20573
		0.156	1.198	26745
		0.188	1.379	32055
1	1	0.02	0.209	3000
		0.025	0.26	3750
		0.028	0.29	4200
		0.035	0.36	5250
		0.049	0.497	7350
		0.065	0.649	9750
		0.083	0.812	12450
		0.095	0.918	14250
		0.109	1.037	16350
		0.12	1.128	18000
		0.156	1.406	23400
		0.188	1.63	28050
		0.25	2.003	37500

O.D.	O.D. (IN)	WALL	LB/FT	BURST
1 1/8	1.125	0.02	0.236	2663
		0.025	0.294	3330
		0.028	0.328	3735
		0.035	0.407	4665
		0.049	0.463	6533
		0.065	0.736	8670
		0.083	0.923	11070
		0.095	1.045	12668
		0.109	1.183	14535
		0.12	1.288	15998
		0.156	1.614	20798
		0.188	1.881	24930
		0.25	2.336	33330
1 1/4	1.25	0.02	0.262	2400
		0.025	0.326	3000
		0.028	0.365	3360
		0.035	0.454	4200
		0.049	0.628	5880
		0.065	0.822	7800
		0.083	1.034	9960
		0.095	1.172	11400
		0.109	1.328	13080
		0.12	1.502	14400
		0.156	1.823	18720
		0.188	2.132	22440
		0.25	2.67	30000
1 3/8	1.375	0.028	0.402	3053
		0.035	0.501	3818
		0.049	0.694	5348
		0.065	0.909	7087
		0.083	1.145	9053
		0.095	1.299	10365
		0.109	1.473	11888
		0.12	1.608	13088
		0.156	2.031	17018
		0.188	2.383	20400
		0.25	3.004	27270

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.

05 TUBE DIMENSIONS AND WEIGHTS

O.D. 1 1/2" TO 2 1/2"

O.D.	O.D. (IN)	WALL	LB/FT	BURST
1 1/2	1.5	0.028	0.44	2948
		0.035	0.547	3503
		0.049	0.759	4898
		0.065	0.996	6503
		0.083	1.256	8303
		0.095	1.426	9503
		0.109	1.619	10890
		0.12	1.769	12000
		0.156	2.239	15600
		0.188	2.634	18698
		0.25	3.338	24998
1 3/4	1.75	0.035	0.641	3000
		0.049	0.89	4200
		0.065	0.17	5573
		0.083	1.478	7118
		0.095	1.679	8145
		0.109	1.91	9345
		0.12	2.16	10283
		0.156	2.656	13373
		0.188	3.136	16028
		0.25	4.005	21428
2	2	0.035	0.734	2625
		0.049	1.021	3675
		0.065	1.343	4875
		0.083	1.699	6225
		0.095	1.933	7125
		0.109	2.201	8175
		0.12	2.409	9000
		0.156	3.072	11700
		0.188	3.638	14025
		0.25	4.673	18750
		—	—	23475
		0.375	6.508	28125
		0.5	8.01	37500

O.D.	O.D. (IN)	WALL	LB/FT	BURST
2 1/4	2.25	0.035	0.828	2333
		0.049	1.152	3270
		0.065	1.517	4335
		0.083	1.921	5535
		0.095	2.25	6330
		0.109	2.556	7268
		0.12	2.73	8003
		0.156	3.489	10403
		0.188	4.14	12465
		0.25	5.34	16665
		0.313	6.475	20865
2 1/2	2.5	0.375	7.509	24998
		0.5	9.345	33330
		0.035	0.921	2100
		0.049	1.283	2940
		0.065	1.69	3900
		0.083	2.143	4980
		0.095	2.44	5700
		0.109	2.783	6540
		0.12	3.05	7200
		0.156	3.905	9360
		0.188	4.642	11200
2 3/4	2.75	0.25	6.008	15000
		0.313	7.311	18780
		0.375	8.511	22500
		0.5	10.68	30000

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.

05 TUBE DIMENSIONS AND WEIGHTS

O.D. 2 3/4" TO 4"

O.D.	O.D. (IN)	WALL	LB/FT	BURST	O.D.	O.D. (IN)	WALL	LB/FT	BURST
2 3/4	2.75	0.035	1.015	1913	3 1/2	3.5	0.065	2.385	2783
		0.049	1.413	2670			0.083	3.029	3555
		0.065	1.864	3548			0.095	3.455	4073
		0.083	2.364	4530			0.109	3.976	4673
		0.095	2.699	5183			0.12	4.385	5145
		0.109	3.177	5948			0.156	5.571	6683
		0.12	3.495	6548			0.188	6.65	8028
		0.156	4.322	8513			0.25	8.678	10718
		0.188	5.144	10200			0.313	10.65	13418
		0.25	6.675	13636			0.375	12.515	16073
		0.313	8.147	17070			0.5	16.02	21428
		0.375	9.512	20453	3 3/4	3.75	0.065	2.558	2603
		0.5	12.015	27270			0.083	3.248	3323
3	3	0.035	1.108	1748			0.095	3.708	3803
		0.049	1.544	2453			0.109	4.235	4358
		0.065	2.037	3248			0.12	4.65	4800
		0.083	2.586	4148			0.156	5.988	6240
		0.095	2.947	4748			0.188	7.152	7478
		0.109	3.393	5453			0.25	9.345	9998
		0.12	3.691	6000			0.313	11.49	12518
		0.156	4.739	7800			0.375	13.52	15000
		0.188	5.646	9353			0.5	17.355	20003
		0.25	7.343	12503	4	4	0.065	2.732	2438
		0.313	8.982	15653			0.083	3.472	3112
		0.375	10.513	18750			0.095	3.962	3563
		0.5	13.35	24998			0.109	4.53	4088
3 1/4	3.25	0.065	2.211	3000			0.12	4.963	4500
		0.083	2.805	3833			0.156	6.404	5850
		0.095	3.201	4388			0.188	7.654	7013
		0.109	3.634	5033			0.25	10.01	9375
		0.12	3.975	5535			0.313	12.33	11738
		0.156	5.155	7200			0.375	14.52	14063
		0.188	6.148	8633			0.5	18.69	18750
		0.25	8.01	11535					
		0.313	9.818	14445					
		0.375	11.514	17310					
		0.5	14.685	23078					

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.

05 TUBE DIMENSIONS AND WEIGHTS

O.D. 4 1/4" TO 6"

O.D.	O.D. (IN)	WALL	LB/FT	BURST
4 1/4	4.25	0.083	3.69	2929
		0.095	4.22	3353
		0.109	4.82	3847
		0.12	5.29	4235
		0.156	6.84	5506
		0.188	7.935	6635
		0.25	10.7	8824
		0.313	13.2	11047
		0.375	15.5	13235
		0.5	20	17647
4 1/2	4.5	0.083	3.92	2767
		0.095	4.47	3167
		0.109	5.11	3633
		0.12	5.61	4000
		0.156	7.35	5200
		0.188	8.815	6267
		0.25	11.4	8333
		0.313	14	10433
		0.375	16.5	12500
		0.5	21.4	16667
4 3/4	4.75	0.083	4.14	2621
		0.095	4.72	3000
		0.109	5.4	3442
		0.12	5.93	3789
		0.156	7.67	4926
		0.188	9.311	5937
		0.25	12	7895
		0.313	14.8	9884
		0.375	17.5	11842
		0.5	22.7	15789

O.D.	O.D. (IN)	WALL	LB/FT	BURST
5	5	0.109	5.69	3270
		0.12	6.25	3600
		0.156	8.1	4680
		0.188	9.57	5640
		0.25	12.7	7500
		0.313	15.7	9390
		0.375	18.5	11250
		0.5	24	15000
		0.156	8.515	4457
		0.188	10.148	5371
5 1/4	5.25	0.25	13.35	7143
		0.313	16.5	8943
		0.375	19.5	10714
		0.5	25.35	14286
		0.156	8.93	4255
		0.188	10.725	5127
		0.25	14	6818
		0.313	17.3	8536
		0.375	20.5	10227
		0.5	26.7	13636
5 1/2	5.5	0.156	8.93	4255
		0.188	10.725	5127
		0.25	14	6818
		0.313	17.3	8536
		0.375	20.5	10227
		0.5	26.7	13636
		0.156	10.75	3900
		0.188	11.66	4700
		0.25	15.4	6250
		0.313	19	7825
6	6	0.375	22.5	9375
		0.5	29.4	12500

Wall thickness in inches, weight in pounds per foot, theoretical bursting pressure in p.s.i. by Barlow's formula. A dash means the figure is available on request.