

PBX: (57-1) 745 0500 - Fax: (57-1) 745 0500 Opc. 8
Zona Industrial de Paloquemao

ANSI Pipe Schedule
SI-units (metric)
OD = mm
Wall thickness = mm
Weight = kg/m
Vol/m = m³

**SI-UNITS
(METRIC)**

Nominal pipe size inches	OD mm	Figures based on austenitic steel																	Shipping Vol./m ³	
		10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S	10S	40S	80S		
1/8	10.30				1.73 0.57	1.73 0.57		2.41 0.47	2.41 0.47							1.24 0.28	1.73 0.36	2.41 0.48	0.0001	
1/4	13.70				2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80							1.65 0.51	2.24 0.64	3.02 0.82	0.0002	
3/8	17.10				2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10							1.65 0.64	2.31 0.86	3.20 1.12	0.0003	
1/2	21.30				2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62			4.78 1.95	747 2.55	1.65 0.82	2.11 1.01	2.77 1.30	3.73 1.65		0.0004	
3/4	26.70				2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20		5.56 2.90	782 3.64	1.65 0.81	2.11 1.04	2.77 1.31	3.87 1.71	3.91 2.24		0.0007	
1	33.40				3.38 2.50	3.38 2.50		4.55 3.24	4.55 3.24		6.35 4.24	9.09 5.45	1.65 0.83	2.11 1.13	2.77 1.33	3.88 2.55	4.55 3.29		0.0011	
1 1/4	42.20				3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47		6.35 5.61	9.70 7.77	1.65 1.68	2.11 2.76	2.77 3.46	3.56 3.46	4.85 4.56		0.0018	
1 1/2	48.30				3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41		7.14 7.25	10.15 9.56	1.65 1.95	2.77 3.17	3.68 4.13	5.08 5.51			0.0023	
2	60.30				3.91 5.44	3.91 5.44		5.54 7.88	5.54 7.88		8.74 11.11	11.07 15.44	1.65 3.77	2.77 5.54	3.91 8.81	5.54 11.64			0.0036	
2 1/2	73.00				5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41		9.53 14.92	14.02 20.39	2.11 3.77	3.05 5.36	5.16 8.81	7.01 11.64			0.0053	
3	88.90				5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27		11.13 21.35	15.24 27.68	2.11 4.60	3.05 6.59	5.49 11.52	7.62 15.59			0.0079	
3 1/2	101.60				5.74 13.57	5.74 13.57		8.08 18.63	8.08 18.63		-	-	2.11 5.29	3.05 7.55	5.74 15.84	8.08 19.01			0.0103	
4	114.30				6.02 16.07	6.02 16.07		8.56 22.32	8.56 22.32		11.13 28.32	14.92 41.03	2.11 5.96	3.05 8.52	6.02 16.40	8.56 22.77			0.0130	
5	141.30				6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97		12.70 40.28	15.88 49.11	2.77 5.73	3.40 9.67	6.55 11.82	9.53 22.20			0.0199	
6	168.30				7.11 28.26	7.11 28.26		10.97 42.36	10.97 42.36		14.27 54.20	18.26 79.22	2.95 11.35	3.77 14.13	7.11 28.83	10.97 43.42			0.028	
8	219.10	6.35 33.31	704 36.81	8.18 42.55	8.18 42.55	10.31 53.08		12.70 64.64	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.92	22.27 111.27	3.76 10.92	8.18 20.37	12.70 43.39	15.09 65.95		0.048	
10	273.10	6.35 41.77	780 51.03	9.27 60.31	9.27 60.31	12.70 63.17	12.70 63.17	15.09 81.55	15.09 81.55	18.26 96.01	21.44 114.75	25.40 133.06	28.58 155.15	25.40 155.15	4.10 34.08	9.27 28.34	12.70 61.52	17.70 83.19	0.074	
12	323.90	6.35 49.73	837 65.20	9.53 65.20	9.53 73.88	10.31 70.73	14.27 109.96	12.70 97.46	12.70 97.46	17.48 97.46	21.44 159.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97	3.96 31.99	4.57 36.73	9.52 75.32	12.70 99.43	0.104
14	355.60	6.35 54.69	792 67.90	9.53 81.33	9.53 84.55	11.13 58.71	15.09 126.71	12.70 107.19	12.70 107.19	20.65 184.96	23.83 224.65	27.79 253.56	31.75 281.70	35.71 281.70	3.96 35.06	4.78 42.14			0.126	
16	406.40	6.35 62.64	792 77.83	9.53 93.27	9.53 93.27	11.13 123.30	15.09 160.12	12.70 123.30	12.70 123.30	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35	4.19 42.41	4.78 48.26			0.165	
18	457.00	6.35 70.57	792 87.71	9.53 122.38	9.53 105.16	15.09 155.80	19.05 205.74	12.70 139.15	12.70 139.15	23.88 254.59	29.36 309.62	34.93 363.56	39.67 408.26	45.24 50.01	4.19 47.77	4.78 54.36			0.208	
20	508.00	6.35 78.55	792 101.15	12.70 155.12	12.70 155.12	15.09 183.42	22.32 247.83	12.70 169.85	12.70 169.85	26.19 301.53	32.54 441.49	38.10 508.11	44.45 564.81	50.37 600.00	4.78 55.54	5.54 60.46			0.258	
22	559.00	6.35 86.54	792 129.13	9.53 129.13	9.53 129.13	-	22.32 224.25	12.70 171.09	12.70 171.09	28.58 373.83	34.93 451.42	41.28 527.02	47.63 606.63	53.98 672.26	4.78 66.57	5.54 77.06			0.312	
24	610.00	6.35 94.53	792 141.12	9.53 209.64	9.53 209.64	17.48 141.12	24.61 255.41	12.70 355.26	12.70 355.26	30.96 442.08	38.89 547.71	46.02 640.03	52.37 720.15	59.54 808.22	5.54 84.16	6.35 96.37			0.372	
26	660.00	792 127.30	12.70 202.72	-	9.53 152.87	-	-	-	-	-	-	-	-	-	-	-	-	-	0.435	
28	710.00	792 137.32	12.70 218.69	15.88 218.69	9.53 164.89	-	-	-	-	-	-	-	-	-	-	-	-	-	0.505	
30	762.00	792 147.28	12.70 234.67	15.88 252.18	9.53 176.84	-	-	-	-	-	-	-	-	-	-	-	-	-	0.580	
32	813.00	792 157.24	12.70 250.64	15.88 312.15	9.53 188.82	17.48 342.91	-	-	-	-	-	-	-	-	-	-	-	-	0.660	
34	864.00	792 167.20	12.70 266.61	15.88 332.12	9.53 200.31	17.48 364.90	-	-	-	-	-	-	-	-	-	-	-	-	0.746	
36	914.00	792 176.96	12.70 282.27	15.88 351.70	9.53 212.56	19.05 420.42	-	-	-	-	-	-	-	-	-	-	-	-	0.835	
38	965.00				9.53 224.54	-	-	-	-	-	-	-	-	-	-	-	-	-	0.931	
40	1016.00				9.53 236.53	-	-	-	-	-	-	-	-	-	-	-	-	-	1.032	
42	1067.00				9.53 248.52	-	-	-	-	-	-	-	-	-	-	-	-	-	1.138	
44	1118.00				9.53 260.50	-	-	-	-	-	-	-	-	-	-	-	-	-	1.249	
46	1168.00				9.53 272.25	-	-	-	-	-	-	-	-	-	-	-	-	-	1.364	
48	1219.00				9.53 284.24	-	-	-	-	-	-	-	-	-	-	-	-	-	1.483	

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$$\text{Vol}/\text{ft} = \text{ft}^3$$
INCH
INITS

Nominal size inches	OD inches	Figures based on austenitic steel																Shipping Wt/lb ft ²	
		10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S	10S	40S		80S
1/8	0.405				0.058 0.24	0.058	0.31	0.095 0.31	0.095						0.19	0.049 0.24	0.068 0.32	0.095	0.004
1/4	0.540			0.42	0.088 0.42	0.088	0.54	0.119 0.34	0.119						0.34	0.065 0.43	0.088 0.55	0.119	0.007
1/8	0.675				0.091 0.57	0.091		0.126 0.74	0.126 0.74							0.065 0.43	0.091 0.58	0.128 0.75	0.011
1/2	0.840				0.109 0.85	0.109 0.85		0.147 1.09	0.147 1.09				0.188 1.31	0.294 1.71	0.065 0.55	0.083 0.68	0.109 0.87	0.147 1.11	0.014
3/4	1.050				0.113 1.13	0.113 1.13		0.154 1.47	0.154 1.47				0.219 1.94	0.308 2.44	0.065 0.70	0.083 0.88	0.113 1.15	0.154 1.50	0.025
1	1.315				0.113 1.68	0.113 1.68		0.179 2.17	0.179 2.17				0.250 2.84	0.358 3.66	0.065 0.99	0.109 1.43	0.179 2.21	0.039	
11/4	1.660				0.140 2.27	0.140 2.27		0.191 3.00	0.191 3.00				0.250 3.76	0.382 5.21	0.065 1.13	0.109 1.85	0.140 2.32	0.191 3.06	0.054
11/4	1.900				0.145 2.72	0.145 2.72		0.200 3.63	0.200 3.63				0.281 4.85	0.400 6.41	0.065 1.31	0.109 2.15	0.145 2.77	0.200 3.70	0.081
2	2.375				0.154 3.65	0.154 3.65		0.218 5.02	0.218 5.02				0.344 7.46	0.456 9.03	0.065 1.64	0.109 2.69	0.154 3.72	0.218 3.72	0.127
21/2	2.875				0.203 5.79	0.203 5.79		0.276 7.66	0.276 7.66				0.375 10.01	0.552 13.69	0.083 2.53	0.120 3.91	0.203 5.91	0.276 7.81	0.187
3	3.500				0.216 7.58	0.216 7.58		0.300 10.25	0.300 10.25				0.438 14.32	0.600 18.58	0.083 3.09	0.120 4.42	0.216 7.73	0.300 10.48	0.279
31/2	4.000				0.226 9.11	0.226 9.11		0.318 12.50	0.318 12.50				0.468 13.87	0.645 18.57	0.083 2.85	0.120 3.92	0.226 6.39	0.318 9.29	0.364
4	4.500				0.237 10.79	0.237 10.79		0.337 14.88	0.337 14.88		0.438 19.00		0.531 22.21	0.874 27.54	0.083 4.00	0.120 5.72	0.237 6.58	0.337 15.28	0.459
5	5.563				0.258 14.62	0.258 14.62		0.375 20.78	0.375 20.78		0.500 32.96		0.625 39.35	0.750 38.55	0.109 6.49	0.134 7.93	0.258 14.91	0.375 21.20	0.703
6	6.625				0.280 18.97	0.280 18.97		0.432 28.57	0.432 28.57		0.562 36.39		0.719 45.35	0.884 53.16	0.109 7.75	0.134 8.46	0.276 19.35	0.432 29.14	0.989
8	8.625	0.250 22.36	0.277 26.32	0.322 26.70	0.322 28.55	0.322 28.55	0.405 35.64	0.500 43.39	0.500 43.39	0.534 50.95	0.719 60.71	0.882 67.26	0.906 77.03	0.875 89.29	0.109 11.54	0.148 13.67	0.252 41.29	0.500 44.26	1.695
10	10.750	0.250 28.04	0.307 34.24	0.365 40.48	0.365 40.48	0.500 44.74	0.500 54.74	0.594 64.43	0.594 64.43	0.719 77.03	0.844 89.29	1.000 104.13	1.000 104.13	1.000 104.13	0.134 15.49	0.165 19.02	0.365 41.29	0.500 55.83	2.615
12	12.750	0.250 33.38	0.330 43.77	0.375 49.36	0.375 53.52	0.406 55.52	0.500 73.15	0.500 86.62	0.500 86.62	0.688 107.32	0.844 125.49	1.000 139.63	1.000 160.37	1.000 125.49	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	3.673
14	0.250 36.71	0.312 45.61	0.375 54.57	0.438 54.57	0.438 54.57	0.438 54.57	0.500 65.44	0.500 85.05	0.500 85.05	0.688 106.13	0.844 130.85	1.000 150.79	1.000 189.11	1.000 129.10	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	4.450
16	16.000	0.250 42.05	0.312 52.27	0.375 62.58	0.375 62.58	0.375 62.58	0.500 87.77	0.500 107.50	0.500 107.50	0.688 136.61	0.844 164.82	1.000 192.43	1.000 223.64	1.000 149.58	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	5.827
18	18.000	0.250 47.39	0.312 58.94	0.375 82.15	0.375 82.15	0.375 82.15	0.500 104.67	0.500 131.17	0.500 131.17	0.688 158.17	0.844 208.87	1.000 256.19	1.000 311.99	1.000 214.00	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	7.345
20	20.000	0.250 52.71	0.312 70.69	0.375 104.13	0.375 104.13	0.375 104.13	0.500 125.11	0.500 166.40	0.500 166.40	0.688 184.13	0.844 250.87	1.000 311.99	1.000 381.00	1.000 256.19	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	9.111
22	22.000	0.250 58.07	0.312 86.61	0.375 118.81	0.375 118.81	0.375 118.81	0.500 141.81	0.500 184.13	0.500 184.13	0.688 218.81	0.844 281.00	1.000 351.00	1.000 431.00	1.000 311.99	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	11.018
24	24.000	0.250 63.41	0.312 94.62	0.375 125.11	0.375 125.11	0.375 125.11	0.500 166.40	0.500 218.81	0.500 218.81	0.688 250.87	0.844 321.00	1.000 391.00	1.000 481.00	1.000 351.00	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	13.137
26	26.000	0.312 85.60	0.375 118.81	0.438 166.40	0.438 166.40	0.438 166.40	0.500 184.13	0.500 241.00	0.500 241.00	0.688 281.00	0.844 361.00	1.000 441.00	1.000 541.00	1.000 391.00	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	15.365
28	28.000	0.312 92.26	0.375 125.11	0.438 184.13	0.438 184.13	0.438 184.13	0.500 218.81	0.500 281.00	0.500 281.00	0.688 321.00	0.844 401.00	1.000 491.00	1.000 591.00	1.000 441.00	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	17.833
30	30.000	0.312 98.93	0.375 131.17	0.438 201.00	0.438 201.00	0.438 201.00	0.500 241.00	0.500 311.00	0.500 311.00	0.688 361.00	0.844 451.00	1.000 541.00	1.000 641.00	1.000 491.00	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	20.482
32	32.000	0.312 105.59	0.375 137.23	0.438 218.81	0.438 218.81	0.438 218.81	0.500 251.00	0.500 331.00	0.500 331.00	0.688 381.00	0.844 481.00	1.000 581.00	1.000 681.00	1.000 541.00	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	23.307
34	34.000	0.312 112.25	0.375 144.13	0.438 226.26	0.438 226.26	0.438 226.26	0.500 261.00	0.500 351.00	0.500 351.00	0.688 401.00	0.844 501.00	1.000 601.00	1.000 701.00	1.000 591.00	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	26.344
36	36.000	0.312 118.92	0.375 150.79	0.438 236.13	0.438 236.13	0.438 236.13	0.500 271.00	0.500 371.00	0.500 371.00	0.688 421.00	0.844 521.00	1.000 621.00	1.000 721.00	1.000 611.00	0.134 15.49	0.165 21.40	0.180 24.65	0.375 50.55	29.487
38	38.000				0.375 150.69			0.500 200.25											32.977
40	40.000				0.375 158.70			0.500 210.83											36.444
42	42.000				0.375 166.71			0.500 221.61											40.187
44	44.000				0.375 174.72			0.500 232.29											44.107
46	46.000				0.375 182.73			0.500 243.07											48.165
48	48.000				0.375 190.74			0.500 253.86											52.441