

MULTITUBO EN CONDUCCION Y TRANSFERENCIA, S.A.

PRESION DE RUPTURA INTERNA ESTIMADA

Para Tubing Soldados Inoxidables Tipo 304/304L & 316/316L Temperatura Ambiente

ANEXO # 1

O.D.		Wall		Gauge	Burst pressure
(in)	(mm)	(in)	(mm)	No.	(psi)
1/8"	3.2	0.020	0.51	25	24,000
		0.028	0.71	22	33,600
		0.035	0.89	20	42,000
3/16"	4.8	0.020	0.51	25	16,000
		0.028	0.71	22	22,400
		0.035	0.89	20	28,000
1/4"	6.4	0.049	1.25	18	39,090
		0.020	0.51	25	12,000
		0.028	0.71	22	16,800
0.250		0.035	0.89	20	21,000
		0.049	1.25	18	29,400
		0.065	1.65	16	39,000
5/16"	7.9	0.083	2.11	14	49,800
		0.020	0.51	25	9,600
		0.028	0.71	22	13,440
0.313		0.035	0.89	20	16,800
		0.049	1.25	18	23,520
		0.065	1.65	16	31,200
3/8"	9.5	0.083	2.11	14	39,840
		0.020	0.51	25	8,000
		0.028	0.71	22	11,200
0.375		0.035	0.89	20	14,000
		0.049	1.25	18	19,600
		0.065	1.65	16	26,000
1/2"	12.7	0.083	2.11	14	33,200
		0.020	0.51	25	6,000
		0.028	0.71	22	8,400
0.500		0.035	0.89	20	10,500
		0.049	1.25	18	14,700
		0.065	1.65	16	19,500
5/8"	15.9	0.083	2.11	14	24,900
		0.095	2.41	13	28,500
		0.020	0.51	25	4,800
0.625		0.028	0.71	22	6,720
		0.035	0.89	20	8,400
		0.049	1.25	18	11,760
		0.065	1.65	16	15,600
		0.083	2.11	14	19,920
		0.095	2.41	13	22,800
3/4"	19.1	0.020	0.51	25	4,000
		0.028	0.71	22	5,600
		0.035	0.89	20	7,000
0.750		0.049	1.25	18	9,800
		0.065	1.65	16	13,000
		0.083	2.11	14	16,600
		0.095	2.41	13	19,000
		0.109	2.77	12	21,800

O.D.		Wall		Gauge	Burst pressure
(in)	(mm)	(in)	(mm)	No.	(psi)
7/8"	22.2	0.020	0.51	25	3,429
		0.028	0.71	22	4,800
		0.035	0.89	20	6,000
0.875		0.049	1.25	18	8,400
		0.065	1.65	16	11,143
		0.083	2.11	14	14,229
		0.095	2.41	13	16,286
		0.109	2.77	12	18,686
1"	25.4	0.020	0.51	25	3,000
		0.028	0.71	22	4,200
		0.035	0.89	20	5,250
1.000		0.049	1.25	18	7,350
		0.065	1.65	16	9,750
		0.083	2.11	14	12,450
		0.095	2.41	13	14,250
		0.109	2.77	12	16,350
1-1/4"	31.8	0.120	3.05	11	18,000
		0.028	0.71	22	3,360
		0.035	0.89	20	4,200
1.250		0.049	1.25	18	5,880
		0.065	1.65	16	7,800
		0.083	2.11	14	9,960
		0.095	2.41	13	11,400
		0.109	2.77	12	13,080
1-3/8"	34.9	0.120	3.05	11	14,400
		0.035	0.89	20	3,818
		0.049	1.25	18	5,345
1.375		0.065	1.65	16	7,091
		0.083	2.11	14	9,055
		0.095	2.41	13	10,364
		0.109	2.77	12	11,891
		0.120	3.05	11	13,091
1-1/2"	38.1	0.035	0.89	20	3,500
		0.049	1.25	18	4,900
		0.065	1.65	16	6,500
1.500		0.083	2.11	14	8,300
		0.095	2.41	13	9,500
		0.109	2.77	12	10,900
		0.120	3.05	11	12,000

TABLE OF SPECIFICATIONS

ASME - American Society of Mechanical Engineers.

ASTM - American Society for Testing Materials.

ASTM /ASME-SA 249- Specification titled "Welded Austenitic

Steel Boiler, Superheater, Heat Exchanger and Condenser
Tubing". This specification covers pressure Tubing made
from a variety of Austenitic steels.

ASTM - 269 - Specification titled "Seamless and Welded Austenitic

Stainless Steel Tubing for General Service". This
specification covers a variety of grades of Austenitic
Stainless Steel Tubing.

ASTM A-213/ASME SA-213 AVERAGE WALL; ASTM A-269.

Specification titled "Seamless Stainless Tubing Austenitic"
Superheater, Hexchanger Tubing. General Service.

E-mail: multitubo@prodigy.net.mx

Tel. (81) 8371 7044