

VÁLVULAS



TUBOS



JUNTAS



FLANGES



CONEXÕES



SPOOL



CLADDING



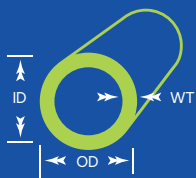
CALDEIRARIA



HCI
GROUP

DIMENSÕES			IDENTIFICAÇÃO			
Nominal	Externo	Interno	Parede	Peso/m	Padrão	
NPS DN	OD	ID	WT	Kg/m	STD/SCH.	
1/8"	6	10,3	7,82	1,24	0,28	10/10S
			7,40	1,45	0,32	30
			6,84	1,73	0,37	40/STD/40S
			5,48	2,41	0,47	80/XS/80S
1/4"	8	13,7	10,40	1,65	0,49	10/10S
			10,00	1,85	0,54	30
			9,22	2,24	0,63	40/STD/40S
			7,66	3,02	0,80	80/XS/80S
3/8"	10	17,1	13,80	1,65	0,63	10/10S
			13,40	1,85	0,70	30
			12,48	2,31	0,84	40/STD/40S
			10,70	3,20	1,10	80/XS/80S
1/2"	15	21,3	18,00	1,65	0,80	5S
			17,08	2,11	1,00	10/10S
			16,48	2,41	1,12	30
			15,76	2,77	1,27	40/STD/40S
			13,84	3,73	1,62	80/XS/80S
			11,74	4,78	1,95	160
			6,36	7,47	2,55	XXS
3/4"	20	26,7	23,40	1,65	1,02	5S
			22,48	2,11	1,28	10/10S
			22,88	2,41	1,44	30
			20,96	2,87	1,69	40/STD/40S
			18,88	3,91	2,20	80/XS/80S
			15,58	5,56	2,90	160
			11,06	7,82	3,64	XXS
1"	25	33,4	30,10	1,65	1,29	5S
			27,86	2,77	2,09	10/10S
			27,60	2,90	2,18	30
			26,64	3,38	2,50	40/STD/40S
			24,30	4,55	3,24	80/XS/80S
			20,70	6,35	4,24	160
			15,22	9,09	5,45	XXS
1.1/4"	32	42,2	38,90	1,65	1,65	5S
			36,66	2,77	2,69	10/10S
			36,26	2,97	2,87	30
			35,08	3,56	3,39	40/STD/40S
			32,50	4,85	4,47	80/XS/80S
			29,50	6,35	5,61	160
			22,80	9,70	7,77	XXS
1.1/2"	40	48,3	45,00	1,65	1,90	5S
			42,76	2,77	3,11	10/10S
			41,94	3,18	3,54	30
			40,94	3,68	4,05	40/STD/40S
			38,14	5,08	5,41	80/XS/80S
			34,02	7,14	7,25	160
			28,00	10,15	9,55	XXS
2"	50	60,3	57,00	1,65	2,39	5S
			54,76	2,77	3,93	10/10S
			53,94	3,18	4,48	30
			52,48	3,91	5,44	40/STD/40S
			49,22	5,54	7,48	80/XS/80S
			42,82	8,74	11,11	160
			38,16	11,07	13,44	XXS
2.1/2"	65	73	68,78	2,11	3,69	5S
			66,90	3,05	5,26	10/10S
			63,44	4,78	8,04	30
			62,68	5,16	8,63	40/STD/40S
			58,98	7,01	11,41	80/XS/80S
			53,94	9,53	14,92	160
			44,96	14,02	20,39	XXS
3"	80	88,9	84,68	2,11	4,52	5S
			82,80	3,05	6,46	10/10S
			79,34	4,78	9,92	30
			77,92	5,49	11,29	40/STD/40S
			73,66	7,62	15,27	80/XS/80S
			66,64	11,13	21,35	160
			58,42	15,24	27,68	XXS
3.1/2"	90	101,6	97,38	2,11	5,18	5S
			95,50	3,05	7,41	10S
			92,04	4,78	11,41	30
			90,12	5,74	13,57	40/STD/40S
			85,44	8,08	18,63	80/XS/80S

DIMENSÕES			IDENTIFICAÇÃO			
Nominal	Externo	Interno	Parede	Peso/m	Padrão	
NPS DN	OD	ID	WT	Kg/m	STD/SCH.	
4"	100	114,3	110,08	2,11	5,84	5S
			108,20	3,05	8,37	10/10S
			104,74	4,78	12,91	30
			102,26	6,02	16,07	40/STD/40S
			97,18	8,56	22,32	80/XS/80S
			92,04	11,13	28,32	120
5"	125	141,3	87,32	13,49	33,54	160
			80,06	17,12	41,03	XXS
			135,76	2,77	9,46	5S
			134,50	3,40	11,56	10/10S
			128,20	6,55	21,77	40/STD/40S
			122,24	9,53	30,97	80/XS/80S
6"	150	168,3	115,90	12,70	40,28	120
			109,54	15,88	49,11	160
			103,20	19,05	57,43	XXS
			162,76	2,77	11,31	5S
			161,50	3,40	13,83	10/10S
			154,08	7,11	28,26	40/STD/40S
8"	200	219,1	146,36	10,97	42,56	80/XS/80S
			139,76	14,27	54,20	120
			131,78	18,26	67,56	160
			124,40	21,95	79,22	XXS
			213,56	2,77	14,78	5S
			211,58	3,76	19,97	10/10S
10"	250	273	206,40	6,35	33,31	20
			205,02	7,04	36,81	30
			202,74	8,18	42,55	40/STD/40S
			193,70	12,70	64,64	80/XS/80S
			188,92	15,09	75,92	100
			182,58	18,26	90,44	120
12"	300	323,8	177,86	20,62	100,92	140
			174,64	22,23	107,92	XXS
			173,08	23,01	111,27	160
			315,88	3,96	31,23	5S
			314,66	4,57	35,98	10/10S
			311,10	6,35	49,71	20
12"	300	323,8	307,04	8,38	65,18	30
			304,74	9,53	73,86	STD/40S
			303,18	10,31	79,70	40
			298,40	12,70	97,43	XS/80S
			295,26	14,27	108,92	60
			288,84	17,48	132,04	80
12"	300	323,8	280,92	21,44	159,86	100
			273,00	25,40	186,91	120/XXS
			266,64	28,58	208,07	140
			257,40	7,80	51,01	30
			254,46	9,27	60,29	40/STD/40S
			247,60	12,70	81,52	XS/80S/60
12"	300	323,8	242,82	15,09	95,97	80
			236,48	18,26	114,71	100
			230,12	21,44	133,00	120
			222,20	25,40	155,09	140/XXS
			215,84	28,58	172,26	160



Fórmula para calcular peso/tubo

$$OD \text{ (mm)} - WT \text{ (mm)} \times WT \text{ (mm)} \times K^* = \text{Kg por metro}$$



DIMENSÕES			IDENTIFICAÇÃO						
Nominal	Externo	Interno	Parede	Peso/m	Padrão				
NPS DN	OD	ID	WT	Kg/m	STD/SCH.				
14"	350	355,6	347,68	3,96	34,34	5S			
			346,04	4,78	41,35	10S			
			342,90	6,35	54,69	10			
			339,76	7,92	67,90	20			
			336,54	9,53	81,33	30/STD/40S			
			333,34	11,13	94,55	40			
			330,20	12,70	107,39	XS/80S			
			325,42	15,09	126,71	60			
			317,50	19,05	158,10	80			
			307,94	23,83	194,96	100			
			300,02	27,79	224,65	120			
			292,10	31,75	253,56	140			
			284,18	35,71	281,70	160			
			16"	400	406,4	398,02	4,19	41,56	5S
						396,84	4,78	47,34	10S
393,70	6,35	62,64				10			
390,56	7,92	77,83				20			
387,34	9,53	93,27				30/STD/40S			
381,00	12,70	123,30				40/XS/80S			
373,08	16,66	160,12				60			
363,52	21,44	203,53				80			
354,02	26,19	245,56				100			
344,48	30,96	286,64				120			
333,34	36,53	333,19				140			
325,42	40,49	365,36				160			
18"	450	457				448,62	4,19	46,79	5S
						447,44	4,78	53,31	10S
						444,30	6,35	70,57	10
			441,16	7,92	87,71	20			
			437,94	9,53	105,16	STD/40S			
			434,74	11,13	122,38	30			
			431,60	12,70	139,15	XS/80S			
			428,46	14,27	155,80	40			
			418,90	19,05	205,74	60			
			409,34	23,83	254,55	80			
			398,28	29,36	309,62	100			
			387,14	34,93	363,56	120			
			377,66	39,67	408,26	140			
			366,52	45,24	459,37	160			
			20"	500	508	498,44	4,78	59,32	5S
496,92	5,54	68,64				10S			
495,30	6,35	78,55				10			
488,94	9,53	117,15				20/40S/STD			
482,60	12,70	155,12				30/XS/80S			
477,82	15,09	183,42				40			
466,76	20,62	247,83				60			
455,62	26,19	311,17				80			
442,92	32,54	381,53				100			
431,80	38,10	441,49				120			
419,10	44,45	508,11				140			
407,98	50,01	564,81				160			
22"	550	559				549,44	4,78	65,33	5S
						547,92	5,54	75,61	10S
						546,30	6,35	86,54	10
			539,94	9,53	129,13	20/STD			
			533,60	12,70	171,09	30/XS			
			514,54	22,23	294,25	60			
			501,84	28,58	373,83	80			
			489,14	34,93	451,42	100			
			476,44	41,28	527,02	120			
			463,74	47,63	600,63	140			
			451,04	53,98	672,26	160			

DIMENSÕES			IDENTIFICAÇÃO						
Nominal	Externo	Interno	Parede	Peso/m	Padrão				
NPS DN	OD	ID	WT	Kg/m	STD/SCH.				
24"	600	610	598,92	5,54	82,58	5S			
			597,30	6,35	94,53	10/10S			
			590,94	9,53	141,12	20/STD/40S			
			584,60	12,70	187,06	XS/80S			
			581,46	14,27	209,64	30			
			575,04	17,48	255,41	40			
			560,78	24,61	355,26	60			
			548,08	30,96	442,08	80			
			532,22	38,89	547,71	100			
			517,96	46,02	640,03	120			
			505,26	52,37	720,15	140			
			490,92	59,54	808,22	160			
			26"	650	660	644,16	7,92	127,36	10
						640,94	9,53	152,87	STD
						634,60	12,70	202,72	20/XS
28"	700	711	695,16	7,92	137,32	10			
			691,94	9,53	164,85	STD			
			685,60	12,70	218,69	20/XS			
			679,24	15,88	272,21	30			
30"	750	762	749,30	6,35	118,33	5S			
			746,16	7,92	147,28	10/10S			
			742,94	9,53	176,84	STD			
			736,60	12,70	234,67	20/XS			
			730,24	15,88	292,18	30			
32"	800	813	797,16	7,92	157,24	10			
			793,94	9,53	188,82	STD			
			787,60	12,70	250,64	20/XS			
			781,24	15,88	312,15	30			
			778,04	17,48	342,91	40			
			34"	850	864	848,16	7,92	167,20	10
844,94	9,53	200,81				STD			
838,60	12,70	266,61				20/XS			
832,24	15,88	332,12				30			
829,04	17,48	364,90				40			
36"	900	914				898,16	7,92	176,96	10
			894,94	9,53	212,56	STD			
			888,60	12,70	282,27	20/XS			
			882,24	15,88	351,70	30			
			875,90	19,05	420,42	40			
			38"	950	965	945,94	9,53	224,54	STD
939,60	12,70	298,24				XS			
40"	1.000	1.016	996,94	9,53	236,53	STD			
			990,60	12,70	314,22	XS			
42"	1.050	1.067	1.047,94	9,53	248,52	STD			
			1.041,60	12,70	330,19	XS			
44"	1.100	1.118	1.098,94	9,53	260,50	STD			
			1.092,60	12,70	346,16	XS			
46"	1.150	1.168	1.148,94	9,53	272,25	STD			
			1.142,60	12,70	361,82	XS			
48"	1.200	1.219	1.199,94	9,53	284,24	STD			
			1.193,60	12,70	377,79	XS			



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