

**Tubo Schedule NBR-5590 / ASTM-A106 / ASTM-A333 / API-5L**

Diâmetro			Parede mm	Peso KG/M	Denon. Conf. API 5L	SCHED Nº	Pressão Teste Min.	
Pol.(")	Ext. mm	Int. mm					KG/CM2	PSI
1/4"	13,70	9,22	2,24	0,63	STD	40	49	700
		7,66	3,02	0,80	XS	80	60	850
3/8"	17,10	12,48	2,31	0,84	STD	40	49	700
		10,70	3,20	1,10	XS	80	60	850
1/2"	21,30	15,76	2,77	1,27	STD	40	49	700
		13,84	3,73	1,62	XS	80	60	850
		11,74	4,78	1,95	-	160	63	900
		6,36	7,47	2,55	XXS	-	70	1000
3/4"	26,70	20,96	2,87	1,69	STD	40	49	700
		18,88	3,91	2,20	XS	80	60	850
		15,58	5,56	2,90	-	160	67	950
		11,06	7,82	3,64	XXS	-	70	1000
1"	33,40	26,64	3,38	2,50	STD	40	49	700
		24,30	4,55	3,24	XS	80	60	850
		20,70	6,35	4,24	-	160	67	950
		15,22	9,09	5,45	XXS	-	70	1000
1.1/4"	42,20	35,08	3,56	3,39	STD	40	91	1300
		32,50	4,85	4,47	XS	80	133	1900
		29,50	6,35	5,61	-	160	140	2000
		22,80	9,70	7,77	XXS	-	161	2300
1.1/2"	48,30	40,94	3,68	4,05	STD	40		1300
		38,14	5,08	5,41	XS	80	91	1900
		34,02	7,14	7,25	-	160	133	2050
		28,00	10,15	9,56	XXS	-	144	2300
2"	60,30	52,48	3,91	5,44	STD	40	161	2500
		49,22	5,54	7,48	XS	80	175	2500
		42,82	8,74	11,11	-	160	-	2500
		38,16	11,07	13,44	XXS	-	175	2500
2.1/2"	73,00	62,68	5,16	8,63	STD	40	175	2500
		58,98	7,01	11,41	XS	80	175	2500
		53,94	9,53	14,92	-	160	175	2500
		44,96	14,02	20,39	XXS	-	175	2500
3"	88,90	77,92	5,49	11,29	STD	40	175	2500
		73,66	7,62	15,27	XS	80	175	2500
		66,64	11,13	21,35	-	160	175	2500
		58,42	15,24	27,68	XXS	-	175	2500
3.1/2"	101,60	90,12	5,74	13,57	STD	40	166	2370
		85,44	8,08	18,63	XS	80	196	2800

**Tube Schedule NBR-5590 / ASTM-A106 / ASTM-A333 / API-5L**

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Pol.(")	Ext. mm	Int. mm					KG/CM2	PSI
4"	114,30	102,26	6,02	16,07	STD	40	155	2210
		97,18	8,56	22,32	XS	80	196	2800
		92,04	11,13	28,32	-	120	196	2800
		87,32	13,49	33,54	-	160	196	2800
		80,06	17,12	41,03	XXS	-	196	2800
5"	141,30	128,20	6,55	21,77	STD	40	137	1950
		122,24	9,53	30,97	XS	80	196	2800
		115,90	12,70	40,28	-	120	196	2800
		109,54	15,88	49,11	-	160	196	2800
		103,20	19,05	57,43	XXS	-	196	2800
6"	168,30	155,60	6,35	25,36	-	-	125	1780
		154,08	7,11	28,26	STD	40	125	1780
		146,36	10,97	42,56	XS	80	190	2740
		139,76	14,27	54,20	-	120	195	2800
		131,78	18,26	67,56	-	160	195	2800
		124,40	21,95	79,22	XXS	-	195	2800
8"	219,10	206,40	6,35	33,31	-	20	85	1220
		205,02	7,04	36,81	-	30	95	1350
		203,26	7,92	41,24	-	-	-	-
		202,74	8,18	42,55	STD	40	110	1570
		198,48	10,31	53,08	-	60	140	2000
		193,70	12,70	64,64	XS	80	170	2430
		188,92	15,09	75,92	-	100	195	2800
		182,58	18,26	90,44	-	120	195	2800
		181,00	19,05	93,98	-	-	-	-
		177,86	20,62	100,92	-	140	195	2800
		174,64	22,23	107,92	XXS	-	195	2800
10"	273,00	173,08	23,01	111,27	-	160	195	2800
		260,30	6,35	41,77	-	20	65	930
		257,45	7,80	51,01	-	30	65	930
		254,46	9,27	60,29	STD	40	100	1430
		247,60	12,70	81,52	XS	60	140	1950
		242,82	15,09	95,97	-	80	165	2320
		236,48	18,26	114,71	-	100	195	2800
		230,12	21,44	133,00	-	120	195	2800
		222,20	25,40	155,09	XXS	140	195	2800
215,84	28,58	172,26	-	160	195	2800		

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Pol.(")	Ext. mm	Int. mm					KG/CM2	PSI
12"	323,80	311,14	6,35	49,71	-	20	57	820
		307,04	8,38	65,18	-	30	75	1090
		304,74	9,53	73,86	STD	-	95	1340
		303,18	10,31	79,70	-	40	95	1340
		298,40	12,70	97,43	XS	-	115	1650
		295,26	14,27	108,92	-	60	130	1850
		288,84	17,48	132,04	-	80	160	2270
		282,56	20,62	154,16	-	-	160	2270
		280,92	21,44	159,86	-	100	195	2800
		273,00	25,40	186,91	XXS	120	195	2800
		257,16	33,32	238,68	-	160	195	2800
		273,00	25,40	186,97	XXS	120	195	2800
		257,16	33,32	238,68	-	160	195	2800
14"	355,60	342,90	6,35	54,96	-	10	-	-
		339,76	7,92	67,90	-	20	-	-
		336,54	9,53	81,33	STD	30	30	1310
		333,34	11,13	94,55	-	40	90	1500
		330,20	12,70	107,39	XS	-	105	1700
		325,42	15,09	126,71	-	60	125	1780
		317,50	19,05	158,10	-	80	160	2250
		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"	406,40	393,70	6,35	62,64	-	10	45	660
		390,56	7,92	77,83	-	20	60	820
		387,36	9,53	93,27	STD	30	70	980
		381,00	12,70	123,30	XS	40	90	1310
		373,08	16,66	160,12	-	60	120	1720
		363,52	21,44	203,53	-	80	155	2220
		354,02	26,19	245,56	-	100	190	2710
		344,48	30,96	286,64	-	120	210	3000
		333,34	36,53	333,19	-	140	210	3000
325,42	40,49	365,36	-	160	210	3000		

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Diâmetro			Parede mm	Peso KG/M	Denon. Conf. API 5L	SCHED Nº	Pressão Teste Min.	
Pol.(")	Ext. mm	Int. mm					KG/CM2	PSI
18"	457,00	444,30	6,35	70,57	-	10	40	580
		441,16	7,92	87,71	-	20	50	730
		437,96	9,53	105,16	STD	-	60	880
		434,74	11,13	122,38	-	30	70	1020
		431,60	12,70	139,15	XS	-	80	1170
		428,46	14,27	155,80	-	40	90	1310
		418,90	19,05	205,74	-	60	120	1750
		409,34	23,83	254,55	-	80	150	2190
		398,28	29,36	309,62	-	100	190	2700
		387,16	34,93	363,56	-	120	210	3000
		377,66	39,67	408,26	-	140	210	3000
		366,50	45,24	459,37	-	160	210	3000
20"	508,00	495,30	6,35	78,55	-	10	35	520
		488,96	9,52	117,02	STD	20	55	790
		482,60	12,70	155,12	XS	30	75	1050
		477,82	15,09	183,42	-	40	90	1250
		466,76	20,62	247,83	-	60	120	1710
		455,62	26,19	311,17	-	80	155	2170
		407,98	50,01	564,81	-	160	210	3000
22"	559,00	546,30	6,35	86,54	-	10	35	480
		539,96	9,52	129,00	STD	20	50	720
		533,60	12,70	171,09	XS	30	65	950
		527,24	15,88	212,69	-	-	85	1190
		514,56	22,22	294,13	-	60	115	1670
		501,86	28,57	373,71	-	80	150	2120
		489,16	34,92	451,30	-	100	185	2630
		476,46	41,27	526,90	-	120	210	3000
		463,76	47,62	600,52	-	140	210	3000
		451,06	53,97	672,14	-	160	210	3000

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Diâmetro			Parede mm	Peso KG/M	Denon. Conf. API 5L	SCHED Nº	Pressão Teste Min.	
Pol.(")	Ext. mm	Int. mm					KG/CM2	PSI
24"	610,00	597,30	6,35	94,53	-	10	30	440
		590,96	9,52	140,97	STD	20	45	660
		584,60	12,70	187,06	XS	-	60	880
		581,46	14,27	209,64	-	30	70	980
		575,04	17,48	255,41	-	40	85	1200
		560,78	24,61	355,26	-	60	120	1700
		548,08	30,96	442,08	-	80	150	2130
		532,22	38,89	547,71	-	100	190	2680
		517,96	46,02	640,03	-	120	210	3000
		505,26	52,37	720,15	-	140	210	3000
		490,92	59,54	808,22	-	160	-	-
26"	660,40	647,70	6,35	102,42	-	-	-	-
		692,20	9,53	152,96	STD	-	-	-
		635,00	12,70	202,85	XS	-	-	-
		628,64	15,88	252,39	-	-	-	-
		625,44	17,48	277,14	-	-	-	-
		622,30	19,05	301,29	-	-	-	-
28"	711,20	698,50	6,35	110,37	-	-	-	-
		692,20	9,53	164,90	STD	-	-	-
		685,80	12,70	218,76	XS	20	-	-
		679,44	15,88	272,29	-	30	-	-
		676,24	17,48	299,03	-	-	-	-
		673,10	19,05	325,15	-	-	-	-
30"	762,00	749,30	6,35	118,33	-	-	-	-
		743,00	9,53	176,84	STD	-	-	-
		736,60	12,70	234,67	XS	20	-	-
		730,24	15,88	292,18	-	-	-	-
		727,04	17,48	320,93	-	30	-	-
		723,90	19,05	349,02	-	-	-	-
32"	812,80	800,10	6,35	126,28	-	-	-	-
		793,80	9,53	188,78	STD	-	-	-
		787,40	12,70	250,58	XS	20	-	-
		781,04	15,88	312,07	-	30	-	-
		777,84	17,48	342,83	-	-	-	-
		774,70	19,05	372,88	-	-	-	-

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Diâmetro			Parede mm	Peso KG/M	Denon. Conf. API 5L	SCHED Nº	Pressão Teste Min.	
Pol.(")	Ext. mm	Int. mm					KG/CM2	PSI
34"	863,60	850,90	6,35	134,24	-	-	-	-
		844,60	9,53	200,71	STD	20	-	-
		838,20	12,70	266,49	XS	30	-	-
		831,84	15,88	331,97	-	40	-	-
		828,64	17,48	364,73	-	-	-	-
		825,50	19,05	396,75	-	-	-	-
36"	914,40	901,70	6,35	142,19	-	-	-	-
		895,40	9,53	212,65	STD	-	-	-
		889,00	12,70	282,40	XS	20	-	-
		882,64	15,88	351,86	-	30	-	-
		879,44	17,48	386,62	-	-	-	-
		876,30	19,05	420,61	-	-	-	-
38"	965,20	952,50	6,35	150,15	-	-	-	-
		946,20	9,53	224,59	STD	-	-	-
		939,80	12,70	298,31	XS	-	-	-
		933,44	15,88	371,75	-	-	-	-
		930,24	17,48	408,52	-	-	-	-
		927,10	19,05	444,48	-	-	-	-
40"	1016,00	1003,30	6,35	158,10	-	-	-	-
		997,00	9,53	236,53	STD	-	-	-
		990,60	12,70	314,22	XS	-	-	-
		984,24	15,88	391,65	-	-	-	-
		981,04	17,48	430,42	-	-	-	-
		977,90	19,05	468,34	-	-	-	-