

Tubos Schedule

Normas NBR 5590 (ASTM A 53) - Com e Sem Costura

NBR 6321 (ASTM A 106) / API 5L- Sem Costura

Diametro Nominal	Diametro Externo	Diametro Interno	Espessura Parede	kg/m	Denom	Schedule n.
pol	mm	mm	mm			
1/4"	13,72	9,24	2,24	0,63	STD	40
	13,72	7,68	3,02	0,80	XS	80
	13,72	7,12	3,30	0,82		160
3/8"	17,15	12,53	2,31	0,85	STD	40
	17,15	10,75	3,20	1,10	XS	80
	17,15	7,65	4,75	1,56		160
1/2"	21,34	15,80	2,77	1,25	STD	40
	21,34	14,16	3,73	1,62	XS	80
	21,34	11,78	4,78	1,95		160
	21,34	6,40	7,47	2,54	XXS	XXS
3/4"	26,67	20,93	2,87	1,68	STD	40
	26,67	18,85	3,91	2,19	XS	80
	26,67	15,55	5,56	2,89		160
	26,67	11,03	7,82	3,63	XXS	XXS
1"	33,40	26,64	3,38	2,50	STD	40
	33,40	24,30	4,55	3,23	XS	80
	33,40	20,68	6,36	4,23		160
	33,40	15,22	9,09	5,45	XXS	XXS
DN (pol)	Diam. Ext. (mm)	Diam. Int (mm)	Esp. (mm)	kg / m	Denom	Sch n.
1 1/4"	42,16	35,04	3,56	3,38	STD	40
	42,16	32,46	4,85	4,46	XS	80
	42,16	29,46	6,35	5,60		160
	42,16	22,76	9,70	7,75	XXS	XXS
1 1/2"	48,26	40,90	3,68	4,05	STD	40
	48,26	38,10	5,08	5,40	XS	80
	48,26	33,98	7,14	7,23		160
	48,26	37,49	10,16	9,45	XXS	XXS
2"	60,32	52,50	3,91	5,43	STD	40
	60,32	49,24	5,54	7,47	XS	80
	60,32	42,84	8,74	11,10		160
	60,32	38,18	11,07	13,41	XXS	XXS
2 1/2"	73,03	62,71	5,16	8,62	STD	40
	73,03	59,01	7,01	11,40	XS	80
	73,03	53,99	9,52	14,90		160
	73,03	44,99	14,02	20,37	XXS	XXS
3"	88,90	77,92	5,49	11,28	STD	40
	88,90	73,66	7,62	115,25	XS	80
	88,90	66,64	11,13	21,31		160
	88,90	58,42	15,24	27,65	XXS	XXS

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DN (pol)	Diam. Ext. (m m)	Diam. Int (m m)	Esp. (m m)	kg / m	Denom	Sch n.
3 1/2"	101,60	90,12	5,74	13,56	STD	40
	101,60	85,44	8,08	18,60	XS	80
4"	114,30	102,26	6,02	16,06	STD	40
	114,30	97,18	8,56	22,29	XS	80
	114,30	92,40	11,13	28,27		120
	114,30	87,32	13,49	33,49		160
	114,30	80,06	17,12	40,98	XXS	XXS
5"	141,30	128,30	6,55	21,75	STD	40
	141,30	122,26	9,52	30,92	XS	80
	141,30	115,90	12,70	40,25		120
	141,30	109,54	15,88	49,01		160
	141,30	103,20	19,05	57,36	XXS	XXS
6"	168,30	115,60	6,35	25,35	STD	STD
	168,30	154,08	7,11	28,23		40
	168,30	146,36	10,97	42,51	XS	80
	168,30	139,76	14,27	54,15		120
	168,30	131,78	18,26	67,48		160
	168,30	124,40	21,95	79,10	XXS	XXS
DN (pol)	Diam. Ext. (m m)	Diam. Int (m m)	Esp. (m m)	kg / m	Denom	Sch n.
8"	219,07	206,37	6,35	33,27		20
	219,07	204,99	7,04	36,75		30
	219,07	202,71	8,18	42,45	STD	40
	219,07	198,45	10,31	53,03		60
	219,07	193,67	12,70	64,56	XS	80
	219,07	188,89	15,09	75,81		100
	219,07	182,55	18,26	90,47		120
	219,07	177,83	20,62	100,83		140
	219,07	174,63	22,22	107,76	XXS	XXS
	219,07	173,05	23,01	111,14		160
10"	273,05	260,35	6,35	41,74		20
	273,05	257,45	7,80	50,95		30
	273,05	254,51	9,27	60,23	STD	40
	273,05	247,65	12,70	81,45	XS	60
	273,05	242,87	15,09	95,87		80
	273,05	236,53	18,26	114,62		100
	273,05	230,17	21,44	132,86		120
	273,05	222,25	25,40	154,95	XXS	140
	273,05	215,91	28,57	172,07		160

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DN (pol)	Diam. Ext. (m m)	Diam. Int (m m)	Esp. (m m)	kg / m	Denom	Sch n.
12"	323,84	311,14	6,35	49,67		20
	323,84	307,08	8,38	65,13		30
	323,84	304,80	9,52	73,75	STD	STD
	323,84	303,22	10,31	79,64		40
	323,84	298,44	12,70	97,34	XS	XS
	323,84	295,30	14,27	108,85		60
	323,84	288,90	17,47	131,88		80
	323,84	280,96	21,44	159,69		100
	323,84	273,04	25,40	186,73	XXS	120
	323,84	266,70	28,57	207,83		140
	323,84	257,20	33,32	238,49		160
14"	355,60	342,90	6,35	54,68		10
	355,60	339,76	7,92	67,87		20
	355,60	336,56	9,52	81,20	STD	30
	355,60	334,34	11,13	94,40		40
	355,60	330,20	12,70	107,27	XS	XS
	355,60	325,22	15,19	126,56		60
	355,60	317,55	19,05	157,92		80
	355,60	307,96	23,82	194,70		100
	355,60	300,02	27,79	224,38		120
	355,60	292,10	31,75	253,27		140
	355,60	284,18	35,71	281,40		160
16"	406,40	393,70	6,35	62,57		10
	406,40	390,56	7,92	77,78		20
	406,40	387,36	9,52	93,16	STD	30
	406,40	381,00	12,70	123,16	XS	40
	406,40	373,08	16,70	159,96		60
	406,40	363,52	21,44	203,28		80
	406,40	354,02	26,19	245,25		100
	406,40	344,48	30,96	286,34		120
	406,40	333,34	36,53	332,78		140
	406,40	325,42	40,49	364,93		160

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DN (pol)	Diam. Ext. (m m)	Diam. Int (m m)	Esp. (m m)	kg / m	Denom	Sch n.
18"	457,20	444,50	6,35	70,52		10
	457,20	441,36	7,92	87,70		20
	457,20	438,16	9,52	105,04	STD	STD
	457,20	434,94	11,13	122,24		30
	457,20	431,80	12,70	139,05	XS	XS
	457,20	428,66	14,27	155,75		40
	457,20	419,10	19,05	205,60		60
	457,20	409,54	23,83	254,33		80
	457,20	398,48	29,36	309,44		100
	457,20	387,36	34,62	363,28		120
	457,20	377,86	39,67	408,04		140
	457,20	366,70	45,25	459,05		160
20"	508,00	495,30	6,35	78,47		10
	508,00	488,95	9,53	116,97	STD	20
	508,00	482,60	12,70	154,97	XS	30
	508,00	477,82	15,09	183,14		40
	508,00	466,76	20,62	247,78		60
	508,00	455,62	26,19	310,91		80
	508,00	442,92	32,54	381,20		100
	508,00	431,80	38,10	441,60		120
	508,00	419,10	44,45	507,63		140
	508,00	407,98	50,01	564,24		160
22"	558,80	546,10	6,35	86,41		10
	558,80	539,76	9,52	128,88		20
	558,80	533,40	12,70	182,32	XS	30
	558,80	527,04	15,88	212,31		40
	558,80	514,36	22,22	293,75		60
	558,80	501,66	28,57	373,21		80
	558,80	488,96	34,92	450,69		100
	558,80	476,26	41,27	526,17		120
	558,80	463,56	47,62	599,66		140
	558,80	450,86	53,97	671,15		160

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DN (pol)	Diam. Ext. (m m)	Diam. Int (m m)	Esp. (m m)	kg / m	Denom	Sch n.
24"	609,60	596,90	6,35	94,35		10
	609,60	590,56	9,52	140,80	STD	20
	609,60	584,20	12,70	186,73	XS	XS
	609,60	581,06	14,27	209,33		30
	609,60	574,64	17,48	254,88		40
	609,60	560,38	24,91	354,66		60
	609,60	547,68	30,96	441,31		80
	609,60	531,82	38,89	546,68		100
	609,60	517,66	46,02	638,93		120
	609,60	504,86	52,37	718,88		140
	609,60	490,54	59,53	807,50		160
26"	660,40	647,70	6,35	102,30		
	660,40	641,40	9,53	152,71	STD	
	660,40	635,00	12,70	202,62	XS	20
	660,40	628,64	15,88	252,04		
	660,40	625,44	17,48	276,75		
	660,40	622,30	19,05	300,95		
28"	711,20	698,50	6,35	110,25		
	711,20	692,20	9,53	164,63	STD	
	711,20	685,80	12,70	218,51	XS	20
	711,20	679,44	15,88	271,90		30
	711,20	676,24	17,48	298,61		
	711,20	673,10	19,05	324,79		
DN (pol)	Diam. Ext. (m m)	Diam. Int (m m)	Esp. (m m)	kg / m	Denom	Sch n.
30"	762,00	749,30	6,35	118,19		
	762,00	743,00	9,53	176,55	STD	
	762,00	736,60	12,70	234,40	XS	20
	762,00	730,24	15,88	291,77		
	762,00	727,04	17,48	320,49		
	762,00	723,90	19,05	350,62		
32"	812,80	800,10	6,35	126,14		
	812,80	793,80	9,53	188,47	STD	
	812,80	787,40	12,70	250,30	XS	
	812,80	781,04	15,88	311,63		30
	812,80	777,84	17,48	342,36		40
	812,80	774,70	19,05	372,46		
34"	863,60	850,90	6,35	134,08		
	863,60	844,60	9,35	200,39	STD	20
	863,60	838,20	12,70	266,16	XS	30
	863,60	831,84	15,88	331,50		40
	863,60	828,64	17,48	364,22		
	863,60	825,50	19,05	396,74		

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DN (pol)	Diam. Ext. (m m)	Diam. Int (m m)	Esp. (m m)	kg / m	Denom	Sch n.
36"	914,40	901,70	6,35	142,03		
	914,40	895,40	9,53	212,31	STD	
	914,40	889,00	12,70	282,08	XS	20
	914,40	882,64	15,88	351,36		30
	914,40	879,44	17,48	386,09		
	914,40	876,30	19,05	420,14		
38"	965,20	952,50	6,35	151,29		
	965,20	946,20	9,53	224,23	STD	
	965,20	939,80	12,70	297,97	XS	
	965,20	933,44	15,88	371,23		
	965,20	930,24	17,48	407,95		
	965,20	927,10	19,05	443,97		
40"	1.016,00	1.003,30	6,35	159,34		
	1.016,00	997,00	9,53	236,15	STD	
	1.016,00	990,60	12,70	313,86	XS	
	1.016,00	984,24	15,88	391,09		
	1.016,00	981,04	17,48	429,82		
	1.016,00	977,90	19,05	467,81		
DN (pol)	Diam. Ext. (m m)	Diam. Int (m m)	Esp. (m m)	kg / m	Denom	Sch n.

* Medidas Padrão. Consulte-nos sobre outras medidas