FLUID CONTROLS®
DO BRASIL

TUBOS DE CONDUÇÃO COM E SEM COSTURA
NBR 5590 (ASTM A-53) / A106 A / API 5L B

Diâmetro			Espessura Parede (mm)	Peso (kg/m)	Denom. API 5L	Schedule Nº
Norm. (pol)	Externo (mm)	Interno (mm)				
1/4"	13,7	9,22	2,24	0,63	STD	40
		7,66	3,02	0,80	XS	80
3/8"	17,1	12,48	2,31	0,84	STD	40
		10,70	3,20	1,10	XS	80
1/2"	21,3	15,76	2,77	1,27	STD	40
		13,84	3,73	1,62	XS	80
		11,74	4,78	1,95	-	160
		6,36	7,47	2,55	XXS	-
3/4"	26,7	20,96	2,87	1,69	STD	40
		18,88	3,91	2,20	XS	80
		15,58	5,56	2,90	-	160
		11,06	7,82	3,64	XXS	-
1"	33,4	26,64	3,38	2,50	STD	40
		24,30	4,55	3,24	XS	80
		20,70	6,35	4,24	-	160
		15,22	9,09	5,45	XXS	-
1.1/4"	42,2	35,08	3,56	3,39	STD	40
		32,50	4,85	4,47	XS	80
		29,50	6,35	5,61	-	160
		22,80	9,70	7,77	XXS	-
1.1/2"	48,3	40,94	3,68	4,05	STD	40
		38,14	5,08	5,41	XS	80
		34,02	7,14	7,25	-	160
		28,00	10,15	9,56	XXS	-
2"	60,3	52,48	3,91	5,44	STD	40
		49,22	5,54	7,48	XS	80
		42,82	8,74	11,11	-	160
		38,16	11,07	13,44	XXS	-
2.1/2"	73,0	62,68	5,16	8,63	STD	40
		58,98	7,01	11,41	XS	80
		53,94	9,53	14,92	-	160
		44,96	14,02	20,39	XXS	-
3"	88,9	77,92	5,49	11,29	STD	40
		73,66	7,62	15,27	XS	80
		66,64	11,13	21,35	-	160
		58,42	15,24	27,68	XXS	-

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Norm. (pol)	Externo (mm)	Interno (mm)				
3.1/2"	101,6	90,12	5,74	13,57	STD	40
		85,44	8,08	18,63	XS	80
4"	114,3	102,26	6,02	16,07	STD	40
		97,18	8,56	22,32	XS	80
		92,04	11,13	28,32	-	120
		87,32	13,49	33,54	-	160
		80,06	17,12	41,03	XXS	-
5"	141,3	128,20	6,55	21,77	STD	40
		122,24	9,53	30,97	XS	80
		115,90	12,70	40,28	-	120
		109,54	15,88	49,11	-	160
		103,20	19,05	57,43	XXS	-
6"	168,3	155,60	6,35	25,36	-	-
		154,08	7,11	28,26	STD	40
		146,36	10,97	42,56	XS	80
		139,76	14,27	54,20	-	120
		131,78	18,26	67,56	-	160
		124,40	21,95	79,22	XXS	-
8"	219,1	206,40	6,35	33,31	-	20
		205,02	7,04	36,81	-	30
		203,26	7,92	41,24	-	-
		202,74	8,18	42,55	STD	40
		198,48	10,31	53,08	-	60
		193,70	12,70	64,64	XS	80
		188,92	15,09	75,92	-	100
		182,58	18,26	90,44	-	120
		181,00	19,05	93,98	-	-
		177,86	20,62	100,92	-	140
		174,64	22,23	107,92	XXS	-
		173,08	23,01	111,27	-	160
10"	273,0	260,30	6,35	41,75	-	20
		257,45	7,80	51,01	-	30
		254,46	9,27	60,29	STD	40
		247,60	12,70	81,52	XS	60
		242,82	15,09	95,97	-	80
		236,48	18,26	114,71	-	100

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Diâmetro			Espessura Parede (mm)	Peso (kg/m)	Denom. API 5L	Schedule Nº
Norm. (pol)	Externo (mm)	Interno (mm)				
10"	273,0	230,12	21,44	133,00	-	120
		222,20	25,40	155,09	XXS	140
		215,84	28,58	172,26	-	160
12"	323,8	311,14	6,35	49,71	-	20
		307,04	8,38	65,18	-	30
		304,74	9,53	73,86	STD	-
		303,18	10,31	79,70	-	40
		298,40	12,70	97,43	XS	-
		295,26	14,27	108,92	-	60
		288,84	17,48	132,04	-	80
		282,56	20,62	154,16	-	-
		280,92	21,44	159,86	-	100
		273,00	25,40	186,91	XXS	120
		257,16	33,32	238,68	-	160
14"	355,6	342,90	6,35	54,69	-	10
		339,76	7,92	67,90	-	20
		336,54	9,53	81,33	STD	30
		333,34	11,13	94,55	-	40
		330,20	12,70	107,39	XS	-
		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"	406,4	393,70	6,35	62,64	-	10
		390,56	7,92	77,83	-	20
		387,36	9,53	93,27	STD	30
		381,00	12,70	123,30	XS	40
		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

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Diâmetro			Espessura Parede (mm)	Peso (kg/m)	Denom. API 5L	Schedule Nº
Norm. (pol)	Externo (mm)	Interno (mm)				
18"	457,0	444,30	6,35	70,57	-	10
		441,16	7,92	87,71	-	20
		437,96	9,53	105,16	STD	-
		434,74	11,13	122,38	-	30
		431,60	12,70	139,15	XS	-
		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
		387,16	34,93	363,56	-	120
		377,66	39,67	408,26	-	140
		366,50	45,24	459,37	-	160
20"	508,0	495,30	6,35	78,55	-	10
		488,96	9,52	117,02	STD	20
		482,60	12,70	155,12	XS	30
		477,82	15,09	183,42	-	40
		466,76	20,62	247,83	-	60
		455,62	26,19	311,17	-	80
		407,98	50,01	564,81	-	160
22"	559,0	546,30	6,35	86,54	-	10
		539,96	9,52	129,00	STD	20
		533,60	12,70	171,09	XS	30
		527,24	15,88	212,69	-	-
		514,56	22,22	294,13	-	60
		501,86	28,57	373,71	-	80
		489,16	34,92	451,30	-	100
		476,46	41,27	526,90	-	120
		463,76	47,62	600,52	-	140
		451,06	53,97	672,14	-	160
24"	610,0	597,30	6,35	94,53	-	10
		590,96	9,52	140,97	STD	20
		584,60	12,70	187,06	XS	-
		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