

TUBOS DE AÇO CARBONO COM E SEM COSTURA

BITOLAS E ESPESSURAS CONFORME NORMA API 5L, ASTM A 106, ASTM A 53 , NBR 5590 , ASTM A 333, ASTM A 335

DIMENSÕES E PESO TEÓRICO

Diametro nominal		Diametro externo		Espessura da parede / Peso Metro	SCHEDULE NUMBER											
pol.	mm	pol.	mm		20	30	40	60	80	100	120	140	160	Std	XS	XXS
1/4"		0,540	13,70	mm			2,24		3,02					2,24	3,02	
				Kg/m			0,63		0,80					0,63	0,80	
3/8"	10	0,675	17,10	mm		1,85	2,31		3,20					2,31	3,20	
				Kg/m		0,70	0,84		1,10					0,84	1,10	
1/2"	15	0,840	21,30	mm		2,41	2,77		3,73				4,78	2,77	3,73	7,47
				Kg/m		1,12	1,27		1,62				1,95	1,27	1,62	2,55
3/4"	20	1,050	26,70	mm		2,41	2,87		3,91				5,56	2,87	3,91	7,82
				Kg/m		1,44	1,69		2,20				2,90	1,69	2,20	3,64
1"	25	1,315	33,40	mm		2,90	3,38		4,55				6,35	3,38	4,55	9,09
				Kg/m		2,18	2,50		3,24				4,24	2,50	3,24	5,45
1.1/4"	32	1,660	42,20	mm		2,97	3,56		4,85				6,35	3,56	4,85	9,70
				Kg/m		2,87	3,39		4,47				5,61	3,39	4,47	7,77
1.1/2"	40	1,900	48,30	mm		3,18	3,68		5,08				7,14	3,68	5,08	10,15
				Kg/m		3,53	4,05		5,41				7,25	4,05	5,41	9,56
2"	50	2,375	60,30	mm		3,18	3,91		5,54				8,74	3,91	5,54	11,07
				Kg/m		4,48	5,44		7,48				11,11	5,44	7,48	13,44
2.1/2"	65	2,875	73,00	mm		4,78	5,16		7,01				9,53	5,16	7,01	14,02
				Kg/m		8,04	8,63		11,41				14,92	8,63	11,41	20,39
3"	80	3,500	88,90	mm		4,78	5,49		7,62				11,13	5,49	7,62	15,24
				Kg/m		9,92	11,29		15,27				21,35	11,29	15,27	27,68

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Diametro nominal		Diametro externo		Espessura da parede / Peso Metro	SCHEDULE NUMBER											
pol.	mm	pol.	mm		20	30	40	60	80	100	120	140	160	Std	XS	XXS
3.1/2"		4,000	101,60	mm		4,78	5,74		8,08					5,74	8,08	
				Kg/m		11,41	13,57		18,63					13,57	18,64	
4"	100	4,500	114,30	mm		4,78	6,02		8,56		11,13		13,49	6,02	8,56	17,12
				Kg/m		12,91	16,08		22,32		28,32		33,54	16,07	22,32	41,03
5"	125	5,563	141,30	mm			6,55		9,53		12,70		15,88	6,55	9,53	19,05
				Kg/m			21,77		30,97		40,28		49,12	21,77	30,97	57,43
6"	150	6,625	168,30	mm			7,11		10,97		14,27		18,26	7,11	10,97	21,95
				Kg/m			28,26		42,56		54,21		67,57	28,26	42,56	79,22
8"	200	8,625	219,10	mm	6,35	7,04	8,18	10,31	12,70	15,09	18,26	20,62	23,01	8,18	12,70	22,23
				Kg/m	33,32	36,82	42,55	53,09	64,64	75,92	90,44	100,93	111,27	42,55	64,64	107,92
10"	250	10,750	273,00	mm	6,35	7,80	9,27	12,70	15,09	18,26	21,44	25,40	28,58	9,27	12,70	25,40
				Kg/m	41,76	51,01	60,30	81,55	95,98	114,71	133,01	155,10	172,27	60,30	81,55	155,15
12"	300	12,750	323,80	mm	6,35	7,80	10,31	14,27	17,48	21,44	25,40	28,58	33,32	9,53	12,70	25,40
				Kg/m	49,71	65,19	79,71	108,93	132,05	159,87	186,92	208,08	238,69	73,88	97,48	186,97
14"	350	14,000	355,60	mm	7,92	9,53	11,13	15,09	19,05	23,83	27,79	31,75	35,71	9,53	12,70	
				Kg/m	67,91	81,33	94,55	126,72	158,11	198,98	224,66	253,58	281,72	81,33	107,39	
16"	400	16,000	406,40	mm	7,92	9,53	12,70	16,66	21,44	26,19	30,96	36,53	40,49	9,53	12,70	
				Kg/m	77,83	93,27	123,31	160,13	203,53	245,57	286,66	333,21	365,35	93,27	123,31	

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pol.	mm	pol.	mm		20	30	40	60	80	100	120	140	160	Std	XS	XXS
18"	450	18,000	457,00	mm	7,92	11,13	14,27	19,05	23,83	29,36	34,93	39,67	45,24	9,53	12,70	
				Kg/m	87,71	122,38	155,81	205,75	254,57	309,64	363,58	408,28	459,39	105,17	139,16	
20"	500	20,000	508,00	mm	9,53	12,70	15,09	20,62	26,19	32,54	38,10	44,45	50,01	9,53	12,70	
				Kg/m	117,15	155,13	183,43	248,84	311,19	381,55	441,52	508,15	564,85	117,15	155,13	
22"		22,000	559,00	mm	9,53	12,70		22,23	28,58	34,93	41,28	47,63	53,98	9,53	12,70	
				Kg/m	129,14	171,10		294,27	373,85	451,45	527,05	600,67	672,30	129,14	171,10	
24"	600	24,000	610,00	mm	9,53	14,27	17,48	24,61	30,96	38,89	46,02	52,37	59,54	9,53	12,70	
				Kg/m	141,12	209,65	255,43	355,28	442,11	547,74	640,07	720,19	808,27	141,12	187,07	

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