

## TUBOS REDONDOS

Bitolas		Espessura da parede	Kg/barra
Mm	Pol.	Mm	6m
12,70	1/2"	0,75	1.326
		0,90	1.572
		1,06	1.825
		1,20	2.040
		1,50	2.484
15,81	5/8"	0,75	1,678
		0,90	1,992
		1,06	2,323
		1,20	2,604
		1,50	3,192
		1,90	3,927
		2,00	4,104
19,05	3/4"	0,75	2,031
		0,90	2,418
		1,06	2,821
		1,20	3,168
		1,50	3,894
		1,90	4,824
		2,00	5,045
		2,25	5,592
		2,65	6,430
		3,00	7,124
20,70	13/16"	0,90	2,636
		1,06	3,080
		1,20	3,462
		1,50	4,261
		1,90	5,285
		2,00	5,533
		2,25	6,142
22,22	7/8"	0,75	2,382
		0,90	2,838
		1,06	3,186
		1,20	3,732
		1,50	4,596
		1,90	5,172
		2,00	5,983
		2,25	6,648
		2,65	7,673
		3,00	8,531
25,40	1"	0,75	2,735
		0,90	3,263
		1,06	3,817
		1,20	4,296
		1,50	5,304
		1,90	6,606

		2,00	6,924
		2,25	7,707
		2,65	8,920
		3,00	9,943
28,60	1 1/8"	0,90	3,688
		1,06	4,193
		1,20	4,866
		1,50	6,014
		1,90	7,506
		2,00	7,871
		2,25	8,772
		2,65	10,175
31,75	1 1/4"	0,75	3,440
		0,90	4,108
		1,06	4,813
		1,20	5,242
		1,50	6,714
		1,90	8,394
		2,00	8,803
		2,25	9,822
		2,65	11,410
		3,00	12,762
34,92	1 3/8"	0,90	4,530
		1,06	5,310
		1,20	5,980
		1,50	7,416
		1,90	9,282
		2,00	9,742
		2,25	10,878
		2,65	12,653
		3,00	14,168
38,10	1 1/2"	0,90	4,953
		1,06	5,809
		1,20	8,552
		1,50	8,124
		1,90	10,176
		2,00	11,682
		2,25	11,934
		2,65	13,902
		3,00	15,582
		3,35	17,226
		3,75	19,059
41,27	1 5/8"	0,90	5,376
		1,06	6,306
		1,20	7,115
		1,50	8,826
		1,90	11,068
		2,00	11,621
		2,25	12,990
		2,65	15,143

		3,00	16,987
		3,35	18,976
44,45	1 3/4"	0,90	5,799
		1,06	6,805
		1,20	7,680
		1,50	9,534
		1,90	11,984
		2,00	12,561
		2,25	14,049
		2,65	16,392
		3,00	18,398
		3,35	20,731
		3,75	22,582
		4,25	25,278
		4,75	27,901
		5,00	29,185
47,60	1 7/8"	0,90	6,218
		1,06	7,299
		1,20	8,238
		1,50	10,231
		1,90	12,847
		2,00	13,494
		2,25	15,097
		2,65	17,625
		3,00	19,787
50,80	2"	0,90	6,644
		1,06	7,801
		1,20	8,806
		1,50	10,944
		1,90	13,746
		2,00	14,440
		2,25	16,164
		2,65	18,882
		3,00	21,216
		3,35	23,519
		3,75	26,106
		4,25	29,272
		4,75	32,364
		5,00	33,883
		5,60	37,451
		6,30	41,480
57,15	2 1/4"	0,90	7,490
		1,06	8,797
		1,20	9,934
		1,50	12,350
		1,90	15,532
		2,00	16,319
		2,25	18,276
		2,65	21,369
		3,00	24,036

		3,35	26,667
60,30	2 3/8"	0,90 1,06 1,20 1,50 1,90 2,00 2,25 2,65 3,00 3,35 3,75 4,25 4,75 5,00 5,60 6,30 7,11	7,909 9,291 10,493 13,050 16,418 17,252 19,325 22,604 26,434 28,288 31,377 35,246 39,041 40,911 45,323 50,323 55,956
63,50	2 1/2"	1,20 1,50 1,90 2,00 2,25 2,65 3,00 3,35 3,75 4,25 4,75 5,00 5,60 6,30	11,061 13,764 17,316 18,199 20,394 23,862 26,856 29,814 33,152 37,258 41,290 43,278 47,974 53,319
69,85	2 3/4"	1,50 1,90 2,00 2,25 2,65 3,00 3,35 3,75 4,25	15,169 19,102 20,078 22,505 26,349 29,673 32,962 36,675 41,251
76,20	3"	0,90 1,06 1,20 1,50 1,90 2,00 2,25 2,65 3,00	10,272 11,782 13,316 18,578 20,886 21,957 25,618 28,842 32,496

		3,35	36,109
		3,75	40,199
		4,25	45,215
		4,75	50,497
		5,00	52,674
		5,60	58,497
		6,30	65,157
88,90	3 1/2"	1,20	15,571
		1,50	19,398
		1,90	24,548
		2,00	25,751
		2,25	28,847
		2,65	33,818
		3,00	38,129
		3,35	42,404
		3,75	47,245
		4,25	53,230
		4,75	59,141
		5,00	62,069
		5,60	69,020
		6,30	76,995
		7,11	86,043
101,60	4"	1,20	17,826
		1,50	22,216
		1,90	28,028
		2,00	29,473
		2,25	33,075
		2,65	38,798
		3,00	43,770
		3,35	48,699
		3,75	54,292
		4,25	61,217
		4,75	68,067
		5,00	71,465
		5,60	79,543
		6,30	88,834
		7,11	99,301
114,30	4 1/2"	1,50	25,034
		1,90	31,597
		2,00	33,232
		2,25	37,302
		2,65	43,777
		3,00	49,404
		3,35	54,994
		3,75	61,338
		4,25	69,202
		4,75	76,992
		5,00	80,860
		5,60	90,066
		6,30	100,670

		7,11	112,763
127,00	5"	2,00 2,25 2,65 3,00 3,35 3,75 4,25 4,75 5,00 5,60 6,30 7,11	36,990 41,630 48,750 55,040 61,280 68,385 77,188 85,918 90,255 100,590 112,510 126,124
139,70	5 1/2"	2,25 2,65 3,00 3,35 3,75 4,25 4,75 5,00 5,60 6,30 7,11	45,758 53,736 60,678 67,584 75,431 85,175 94,840 99,651 111,112 124,350 139,484
152,40	6"	2,25 2,65 3,00 3,35 3,75 4,25 4,75 5,00 5,60 6,30 7,11	49,986 58,716 66,316 73,879 82,487 93,161 103,73 109,046 121,630 136,180 152,844
165,10	6 1/2"	2,25 2,65 3,00 3,35 3,75 4,25 5,00 5,60 6,30 7,11	54,214 63,696 71,953 80,173 89,525 101,150 112,695 118,442 132,160 148,030 166,206
168,27	5 5/8"	2,65 3,00 3,35 3,75	64,934 73,356 81,745 91,284

		4,25	103,141
		4,75	114,923
		5,00	120,787
		5,60	134,784
		5,30	150,980
		7,11	169,539
		7,93	188,130
177,80	7"	2,25	58,442
		2,65	68,675
		3,00	77,590
		3,35	86,468
		3,75	96,571
		4,25	109,133
		4,75	121,621
		5,00	127,837
		5,80	142,680
		6,30	159,863
		7,11	179,565
203,20	8"	2,25	66,898
		2,65	78,634
		3,00	88,864
		3,35	99,058
		3,75	110,664
		4,25	125,105
		4,75	139,472
		5,00	146,528
		5,60	163,726
		6,30	183,539
		7,11	206,285

**Demais bitolas sob consulta**