

TUBOS | TUBOS RETANGULARES COM E SEM COSTURA

| Bitolas | Espessura da Parede mm | Peso teórico barra 6 mts | Bitolas | Espessura da Parede mm | Peso teórico barra 6 mts | Bitolas | Espessura da Parede mm | Peso teórico barra 6 mts |
|----------------------------|------------------------|--------------------------|---------------|------------------------|--------------------------|---------------|------------------------|--------------------------|
| mm | | | mm | | | mm | | |
| 12,00 x 10,00 | 0,75 | 1,467 | 40,00 x 20,00 | 0,9 | 4,953 | 50,00 x 40,00 | 0,9 | 7,49 |
| | 0,9 | 1,74 | | 1,06 | 5,809 | | 1,06 | 8,797 |
| | 1,06 | 2,025 | | 1,2 | 6,552 | | 1,2 | 9,934 |
| | 1,2 | 2,267 | | 1,5 | 8,124 | | 1,5 | 12,351 |
| | 1,5 | 2,766 | | 1,9 | 10,176 | | 1,9 | 15,532 |
| 15,00 x 10,00 | 0,75 | 1,678 | 40,00 x 30,00 | 2 | 10,683 | 60,00 x 30,00 | 2 | 16,32 |
| | 0,9 | 1,994 | | 2,65 | 13,889 | | 2,25 | 18,276 |
| | 1,06 | 2,323 | | 3 | 15,582 | | 2,65 | 21,369 |
| | 1,2 | 2,605 | | 0,9 | 5,799 | | 3 | 24,036 |
| | 1,5 | 3,19 | | 1,06 | 6,805 | | 3,75 | 29,629 |
| 25,00 x 15,00 | 0,9 | 3,262 | 50,00 x 20,00 | 1,2 | 7,679 | 60,00 x 33,00 | 4,25 | 33,265 |
| | 1,06 | 3,817 | | 1,5 | 9,534 | | 0,9 | 7,49 |
| | 1,2 | 4,296 | | 1,9 | 11,962 | | 1,06 | 8,797 |
| | 1,5 | 5,304 | | 2 | 12,562 | | 1,2 | 9,934 |
| | 1,9 | 6,606 | | 2,25 | 14,048 | | 1,5 | 12,35 |
| | 2 | 6,924 | | 2,65 | 16,389 | | 1,9 | 15,532 |
| 30,00 x 20,00 | 0,9 | 4,108 | 50,00 x 25,00 | 3 | 18,398 | 60,00 x 40,00 | 2 | 16,32 |
| | 1,06 | 4,813 | | 0,9 | 5,799 | | 2,25 | 18,276 |
| | 1,2 | 5,424 | | 1,06 | 6,805 | | 2,65 | 21,369 |
| | 1,5 | 6,714 | | 1,2 | 7,679 | | 3 | 24,036 |
| | 1,9 | 8,394 | | 1,5 | 9,534 | | 0,9 | 7,744 |
| | 2 | 8,803 | | 1,9 | 11,964 | | 1,06 | 9,096 |
| 35,00 x 15,00 | 0,9 | 4,108 | 50,00 x 30,00 | 2 | 12,562 | 70,00 x 25,00 | 1,2 | 10,273 |
| | 1,06 | 4,813 | | 2,65 | 16,389 | | 1,5 | 13,764 |
| | 1,2 | 5,424 | | 3 | 18,398 | | 1,9 | 16,422 |
| | 1,5 | 6,714 | | 0,9 | 6,218 | | 2 | 16,884 |
| | 1,9 | 8,394 | | 1,06 | 7,299 | | 2,25 | 18,91 |
| | 2 | 8,803 | | 1,2 | 8,238 | | 2,65 | 22,116 |
| 35,00 x 20,00 | 0,9 | 4,53 | 50,00 x 35,00 | 1,5 | 10,231 | 70,00 x 30,00 | 3 | 24,881 |
| | 1,06 | 5,311 | | 1,9 | 12,847 | | 1,2 | 11,061 |
| | 1,2 | 5,987 | | 2 | 13,949 | | 1,5 | 13,76 |
| | 1,5 | 7,417 | | 2,65 | 17,625 | | 1,9 | 17,317 |
| | 1,9 | 9,282 | | 3 | 19,797 | | 2 | 18,2 |
| | 2 | 9,742 | | 0,9 | 6,644 | | 2,65 | 23,859 |
| 35,00 x 25,00 | 0,9 | 4,953 | 50,00 x 40,00 | 1,06 | 7,801 | 70,00 x 35,00 | 3 | 26,855 |
| | 1,06 | 5,809 | | 1,2 | 8,808 | | 3,75 | 33,152 |
| | 1,2 | 6,552 | | 1,5 | 10,944 | | 4,25 | 37,258 |
| | 1,5 | 8,124 | | 1,9 | 13,746 | | 4,75 | 41,29 |
| | 1,9 | 10,176 | | 2 | 14,441 | | 6,3 | 53,319 |
| | 2 | 10,682 | | 2,25 | 16,162 | | 1,2 | 10,496 |
| 32,00 x 19,00 sob consulta | 1,06 | 4,912 | 50,00 x 45,00 | 2,65 | 18,879 | 70,00 x 40,00 | 1,5 | 13,054 |
| | 1,2 | 5,536 | | 3 | 21,216 | | 1,9 | 16,423 |
| | 1,5 | 6,853 | | 3,35 | 23,519 | | 2 | 17,253 |
| | 1,9 | 8,568 | | 3,75 | 26,106 | | 3 | 25,443 |

| Bitolas | Espessura da Parede mm | Peso teórico barra 6 mts | Bitolas | Espessura da Parede mm | Peso teórico barra 6 mts | Bitolas | Espessura da Parede mm | Peso teórico barra 6 mts |
|---------------|------------------------|--------------------------|---------------|------------------------|--------------------------|----------------|------------------------|--------------------------|
| mm | Pol | | mm | Pol | | mm | Pol | |
| 70,00 x 30,00 | 1,2 | 11,061 | 90,00 x 30,00 | 1,2 | 13,316 | 100,00 x 75,00 | 2,25 | 36,836 |
| | 1,5 | 13,764 | | 1,5 | 16,578 | | 2,65 | 43,228 |
| | 1,9 | 17,317 | | 1,9 | 20,887 | | 3 | 48,782 |
| | 2 | 18,2 | | 2 | 21,957 | | 3,35 | 54,3 |
| | 2,25 | 20,39 | | 2,25 | 24,618 | | 3,75 | 60,561 |
| | 2,65 | 23,859 | | 2,65 | 28,838 | | 4,25 | 68,322 |
| | 3 | 26,854 | | 3 | 32,942 | | 4,75 | 76,008 |
| | 4,75 | 41,29 | | 1,2 | 15,571 | | 5 | 79,824 |
| | 1,2 | 13,316 | 1,5 | 19,397 | 6,3 | 99,367 | | |
| | 1,5 | 16,578 | 1,9 | 24,457 | 2 | 33,232 | | |
| | 1,9 | 20,887 | 2 | 25,715 | 2,25 | 37,302 | | |

| | | | | | | | | |
|---------------|------|--------|----------------|------|--------|----------------|------|---------|
| 70,00 x 50,00 | 2 | 21,957 | 100,00 x 40,00 | 2,25 | 28,846 | 100,00 x 80,00 | 2,65 | 43,777 |
| | 2,25 | 24,618 | | 2,65 | 33,818 | | 3 | 49,404 |
| | 2,65 | 28,838 | | 3 | 38,129 | | 3,35 | 54,994 |
| | 3 | 32,942 | | 3,35 | 42,404 | | 3,75 | 61,338 |
| | 3,35 | 36,109 | | 3,75 | 47,245 | | 4,25 | 69,202 |
| | 3,75 | 40,198 | | 4,25 | 53,23 | | 4,75 | 76,992 |
| | 4,25 | 45,244 | | 4,75 | 59,141 | | 5 | 80,86 |
| | 4,75 | 50,215 | | 1,5 | 20,806 | | 5,6 | 90,066 |
| | 6,3 | 65,157 | | 1,9 | 26,242 | | 6,3 | 100,671 |
| 80,00 x 40,00 | 1,2 | 13,316 | 100,00 x 50,00 | 2 | 27,594 | 120,00 x 40,00 | 1,5 | 22,261 |
| | 1,5 | 16,578 | | 2,25 | 30,69 | | 1,9 | 25,171 |
| | 1,9 | 20,887 | | 2,65 | 36,307 | | 2 | 29,473 |
| | 2 | 21,957 | | 3 | 40,948 | | 2,25 | 33,075 |
| | 2,25 | 24,618 | | 3,35 | 45,551 | | 2,65 | 38,798 |
| | 2,65 | 28,838 | | 3,75 | 50,768 | | 3 | 43,767 |
| | 3 | 32,942 | | 4,25 | 57,223 | | 3,35 | 48,699 |
| | 3,35 | 36,109 | | 4,75 | 63,604 | | 3,75 | 54,292 |
| | 3,75 | 40,198 | | 5 | 66,767 | | 4,25 | 61,217 |
| | 4,25 | 45,244 | | 5,6 | 74,281 | | 4,75 | 68,067 |
| | 4,75 | 50,215 | | 6,3 | 82,914 | | 2 | 33,232 |
| | 6,3 | 65,157 | | 7,11 | 92,723 | | 2,25 | 37,302 |
| 80,00 x 60,00 | 1,5 | 19,398 | 100,00 x 60,00 | 1,5 | 22,216 | 120,00 x 60,00 | 2,65 | 43,777 |
| | 1,9 | 24,458 | | 1,9 | 28,028 | | 3 | 49,404 |
| | 2 | 25,715 | | 2 | 29,473 | | 3,35 | 54,994 |
| | 2,25 | 28,847 | | 2,25 | 33,074 | | 3,75 | 61,338 |
| | 2,65 | 33,818 | | 2,65 | 35,092 | | 4,25 | 69,202 |
| | 3 | 38,129 | | 3 | 43,766 | | 4,75 | 76,992 |
| | 3,35 | 42,404 | | 3,35 | 48,699 | | 5 | 80,86 |
| | 3,75 | 47,245 | | 3,75 | 54,292 | | 5,6 | 90,066 |
| | 4,25 | 53,23 | | 4,25 | 61,216 | | 6,3 | 100,671 |
| | 4,75 | 59,141 | | 4,75 | 68,067 | | 2 | 33,231 |
| | 5,6 | 69,02 | | 5,6 | 79,543 | | 3 | 49,403 |
| | 6,3 | 76,995 | | 6,3 | 88,833 | | 4,75 | 39,055 |