

HYDRAULIC TUBING

NUVO - TUBES





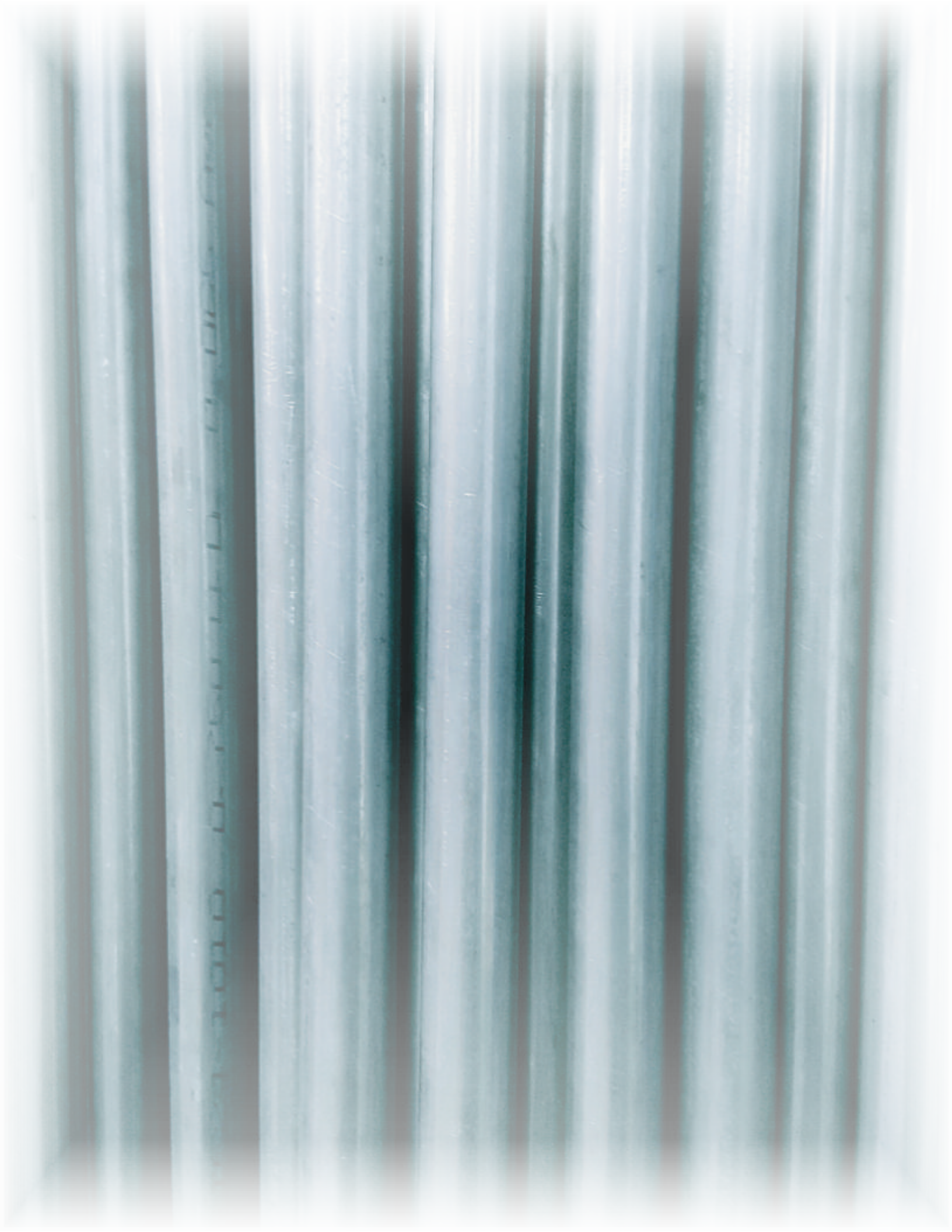
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STANDARD SEAMLESS HYDRAULIC STEEL TUBING (Safety Factor = 4)

| Item No. | O.D. | Wall Thickness | Weight (kg/m) | Burst. Press. BAR / PSI | Working Press. BAR / PSI |
|----------|--------|----------------|---------------|-------------------------|--------------------------|
| ST04035 | 1/4" | 0.035" | 0.12 | 869 / 12,600 | 217 / 3,150 |
| ST04049 | 1/4" | 0.049" | 0.16 | 1,216 / 17,640 | 304 / 4,410 |
| ST05035 | 5/16" | 0.035" | 0.15 | 694 / 10,063 | 173 / 2,516 |
| ST06035 | 3/8" | 0.035" | 0.19 | 579 / 8,400 | 145 / 2,100 |
| ST06049 | 3/8" | 0.049" | 0.25 | 811 / 11,760 | 203 / 2,940 |
| ST06065 | 3/8" | 0.065" | 0.32 | 1076 / 15,600 | 269 / 3,900 |
| ST08049 | 1/2" | 0.049" | 0.35 | 608 / 8,820 | 152 / 2,205 |
| ST08065 | 1/2" | 0.065" | 0.45 | 807 / 11,700 | 202 / 2,925 |
| ST10065 | 5/8" | 0.065" | 0.58 | 646 / 9,360 | 161 / 2,340 |
| ST10083 | 5/8" | 0.083" | 0.72 | 824 / 11,950 | 206 / 2,988 |
| ST10095 | 5/8" | 0.095" | --- | 943 / 13,680 | 235 / 3,420 |
| ST12065 | 3/4" | 0.065" | 0.71 | 538 / 7,800 | 134 / 1,950 |
| ST12083 | 3/4" | 0.083" | 0.88 | 687 / 9,960 | 171 / 2,490 |
| ST12095 | 3/4" | 0.095" | 0.99 | 786 / 11,400 | 196 / 2,850 |
| ST12120 | 3/4" | 0.120" | 1.20 | 993 / 14,400 | 248 / 3,600 |
| ST14095 | 7/8" | 0.095" | 1.18 | 674 / 9,700 | 168 / 2,443 |
| ST16065 | 1" | 0.065" | 0.97 | 403 / 5,850 | 101 / 1,463 |
| ST16095 | 1" | 0.095" | 1.37 | 590 / 8,550 | 147 / 2,138 |
| ST16109 | 1" | 0.109" | 1.55 | 677 / 9,810 | 169 / 2,453 |
| ST16120 | 1" | 0.120" | 1.68 | 745 / 10,800 | 186 / 2,700 |
| ST20095 | 1-1/4" | 0.095" | 1.75 | 472 / 6,840 | 118 / 1,710 |
| ST20120 | 1-1/4" | 0.120" | --- | 596 / 8,640 | 149 / 2,160 |
| ST24120 | 1-1/4" | 0.120" | 2.63 | 497 / 7200 | 124 / 1,800 |

METRIC SEAMLESS HYDRAULIC STEEL TUBING (Safety Factor = 1.5)

| Item No. | O.D. | Wall Thickness | Weight (kg/m) | Burst. Press. BAR / PSI | Working Press. BAR / PSI |
|----------|--------|----------------|---------------|-------------------------|--------------------------|
| MT04X0.5 | 4.0mm | 0.5mm | 0.07 | 411 / 5,961 | 274 / 3,974 |
| MT04X1.0 | 4.0mm | 1.0mm | 0.07 | 753 / 10,921 | 502 / 7,281 |
| MT06X1.0 | 6.0mm | 1.0mm | 0.12 | 566 / 8,209 | 377 / 5,468 |
| MT06X1.5 | 6.0mm | 1.5mm | 0.17 | 846 / 12,270 | 564 / 8,180 |
| MT06X2.0 | 6.0mm | 2.0mm | 0.19 | 966 / 14,010 | 644 / 9,340 |
| MT08X1.0 | 8.0mm | 1.0mm | 0.17 | 423 / 6,135 | 282 / 4,090 |
| MT08X1.5 | 8.0mm | 1.5mm | 0.24 | 636 / 9,224 | 424 / 6,150 |
| MT08X2.0 | 8.0mm | 2.0mm | 0.30 | 848 / 12,299 | 565 / 8,195 |
| MT10X1.0 | 10.0mm | 1.0mm | 0.22 | 359 / 5,207 | 239 / 3,466 |
| MT10X1.5 | 10.0mm | 1.5mm | 0.31 | 539 / 7,818 | 359 / 5,207 |
| MT10X2.0 | 10.0mm | 2.0mm | 0.39 | 719 / 10,428 | 479 / 6,947 |
| MT12X1.0 | 12.0mm | 1.0mm | 0.27 | 299 / 4,337 | 199 / 2,886 |
| MT12X1.5 | 12.0mm | 1.5mm | 0.39 | 449 / 6,512 | 299 / 4,337 |
| MT12X2.0 | 12.0mm | 2.0mm | 0.49 | 599 / 8,688 | 399 / 5,787 |
| MT12X2.5 | 12.0mm | 2.5mm | 0.59 | 599 / 8,688 | 399 / 5,787 |
| MT14X1.0 | 14.0mm | 1.0mm | 0.32 | 300 / 4,351 | 200 / 2,900 |
| MT14X1.5 | 14.0mm | 1.5mm | 0.46 | 384 / 5,569 | 256 / 3,712 |
| MT14X2.0 | 14.0mm | 2.0mm | 0.58 | 513 / 7,440 | 342 / 4,960 |
| MT14X2.5 | 14.0mm | 2.5mm | 0.71 | 605 / 8,775 | 403 / 5,845 |
| MT15X1.0 | 15.0mm | 1.0mm | 0.35 | 194 / 2,814 | 129 / 1,871 |
| MT15X1.5 | 15.0mm | 1.5mm | 0.50 | 359 / 5,207 | 239 / 3,466 |
| MT15X2.0 | 15.0mm | 2.0mm | 0.64 | 479 / 6,947 | 319 / 4,627 |
| MT15X2.5 | 15.0mm | 2.5mm | 0.78 | 564 / 8,180 | 376 / 5,453 |
| MT16X1.0 | 16.0mm | 1.0mm | 0.36 | 182 / 2,640 | 121 / 1,755 |
| MT16X1.5 | 16.0mm | 1.5mm | 0.54 | 366 / 5,308 | 244 / 3,539 |
| MT16X2.0 | 16.0mm | 2.0mm | 0.69 | 449 / 6,512 | 299 / 4,337 |
| MT16X2.5 | 16.0mm | 2.5mm | 0.83 | 561 / 8,137 | 374 / 5,424 |
| MT16X3.0 | 16.0mm | 3.0mm | 0.96 | 674 / 9,776 | 449 / 6,512 |
| MT18X1.0 | 18.0mm | 1.0mm | 0.40 | 161 / 2,335 | 107 / 1,552 |
| MT18X1.5 | 18.0mm | 1.5mm | 0.61 | 299 / 4,337 | 199 / 2,886 |
| MT18X2.0 | 18.0mm | 2.0mm | 0.79 | 399 / 5,787 | 266 / 3,858 |
| MT18X2.5 | 18.0mm | 2.5mm | 0.96 | 470 / 6,817 | 313 / 4,540 |
| MT18X3.0 | 18.0mm | 3.0mm | 1.11 | 599 / 8,688 | 399 / 5,787 |

METRIC SEAMLESS HYDRAULIC STEEL TUBING (Safety Factor = 1.5)

| Item No. | O.D. | Wall Thickness | Weight (kg/m) | Burst. Press. BAR / PSI | Working Press. BAR / PSI |
|----------|--------|----------------|---------------|-------------------------|--------------------------|
| MT20X1.5 | 20.0mm | 1.5mm | 0.68 | 411 / 5,961 | 274 / 3,974 |
| MT20X2.0 | 20.0mm | 2.0mm | 0.89 | 753 / 10,921 | 502 / 7,281 |
| MT20X2.5 | 20.0mm | 2.5mm | 1.08 | 566 / 8,209 | 377 / 5,468 |
| MT20X3.0 | 20.0mm | 3.0mm | 1.26 | 846 / 12,270 | 564 / 8,180 |
| MT20X4.0 | 20.0mm | 4.0mm | 1.58 | 966 / 14,010 | 644 / 9,340 |
| MT22X1.5 | 22.0mm | 1.5mm | 0.76 | 423 / 6,135 | 282 / 4,090 |
| MT22X2.0 | 22.0mm | 2.0mm | 0.99 | 636 / 9,224 | 424 / 6,150 |
| MT22X2.5 | 22.0mm | 2.5mm | 1.20 | 848 / 12,299 | 565 / 8,195 |
| MT22X3.0 | 22.0mm | 3.0mm | 1.41 | 359 / 5,207 | 239 / 3,466 |
| MT25X2.0 | 25.0mm | 2.0mm | 1.13 | 539 / 7,818 | 359 / 5,207 |
| MT25X2.5 | 25.0mm | 2.5mm | 1.39 | 719 / 10,428 | 479 / 6,947 |
| MT25X3.0 | 25.0mm | 3.0mm | 1.63 | 299 / 4,337 | 199 / 2,886 |
| MT25X4.0 | 25.0mm | 4.0mm | 2.07 | 449 / 6,512 | 299 / 4,337 |
| MT28X1.5 | 28.0mm | 1.5mm | 0.98 | 599 / 8,688 | 399 / 5,787 |
| MT28X2.0 | 28.0mm | 2.0mm | 1.28 | 599 / 8,688 | 399 / 5,787 |
| MT28X2.5 | 28.0mm | 2.5mm | 1.57 | 300 / 4,351 | 200 / 2,900 |
| MT28X3.0 | 28.0mm | 3.0mm | 1.85 | 384 / 5,569 | 256 / 3,712 |
| MT28X4.0 | 28.0mm | 4.0mm | 2.37 | 513 / 7,440 | 342 / 4,960 |
| MT30X2.0 | 30.0mm | 2.0mm | 1.38 | 605 / 8,775 | 403 / 5,845 |
| MT30X2.5 | 30.0mm | 2.5mm | 1.70 | 194 / 2,814 | 129 / 1,871 |
| MT30X3.0 | 30.0mm | 3.0mm | 2.00 | 359 / 5,207 | 239 / 3,466 |
| MT30X4.0 | 30.0mm | 4.0mm | 2.57 | 479 / 6,947 | 319 / 4,627 |
| MT30X5.0 | 30.0mm | 5.0mm | 3.08 | 564 / 8,180 | 376 / 5,453 |
| MT35X2.0 | 35.0mm | 2.0mm | 1.63 | 182 / 2,640 | 121 / 1,755 |
| MT35X2.5 | 35.0mm | 2.5mm | 2.00 | 366 / 5,308 | 244 / 3,539 |
| MT35X3.0 | 35.0mm | 3.0mm | 2.37 | 449 / 6,512 | 299 / 4,337 |
| MT35X4.0 | 35.0mm | 4.0mm | 3.06 | 561 / 8,137 | 374 / 5,424 |
| MT35X5.0 | 35.0mm | 5.0mm | 3.70 | 674 / 9,776 | 449 / 6,512 |
| MT38X2.5 | 38.0mm | 2.5mm | 2.19 | 161 / 2,335 | 107 / 1,552 |
| MT38X3.0 | 38.0mm | 3.0mm | 2.59 | 299 / 4,337 | 199 / 2,886 |
| MT38X4.0 | 38.0mm | 4.0mm | 3.35 | 399 / 5,787 | 266 / 3,858 |
| MT38X5.0 | 38.0mm | 5.0mm | 4.07 | 470 / 6,817 | 313 / 4,540 |
| MT42X2.0 | 42.0mm | 2.0mm | 1.97 | 599 / 8,688 | 399 / 5,787 |

METRIC SEAMLESS HYDRAULIC STEEL TUBING (Safety Factor = 1.5)

| Item No. | O.D. | Wall Thickness | Weight (kg/m) | Burst. Press. BAR / PSI | Working Press. BAR / PSI |
|----------|--------|----------------|---------------|-------------------------|--------------------------|
| MT42X3.0 | 42.0mm | 3.0mm | 2.89 | 257 / 3,727 | 171 / 2,480 |
| MT42X4.0 | 42.0mm | 4.0mm | 3.75 | 357 / 5,178 | 238 / 3,452 |
| MT42X5.0 | 42.0mm | 5.0mm | 4.56 | 446 / 6,469 | 297 / 4,308 |
| MT50X5.0 | 50.0mm | 5.0mm | 5.55 | 374 / 5,424 | 249 / 3,611 |
| MT50X6.0 | 50.0mm | 6.0mm | 6.51 | 449 / 6,512 | 299 / 4,337 |
| MT60X6.0 | 60.0mm | 6.0mm | 7.99 | 374 / 5,424 | 249 / 3,611 |
| MT60X8.0 | 60.0mm | 8.0mm | 10.26 | 500 / 7,252 | 333 / 4,830 |

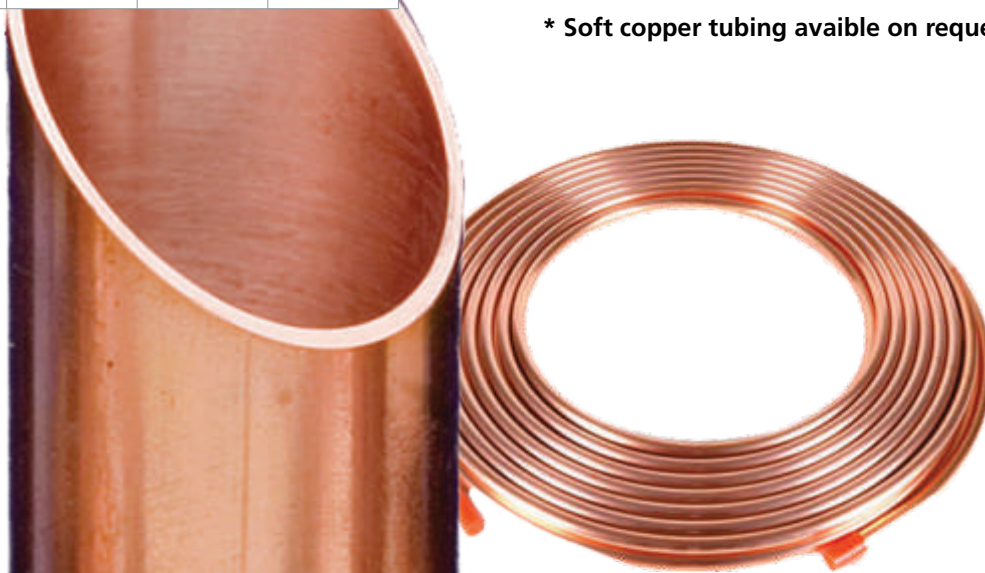


COPPER TUBING

| Item No. | O.D. | Wall Thickness | Weight (kg/m) |
|------------|--------|----------------|---------------|
| CT-004X1.0 | 4.0mm | 1.0mm | --- |
| CT-006X1.0 | 6.0mm | 1.0mm | 0.14 |
| CT-008X1.0 | 8.0mm | 1.0mm | 0.19 |
| CT-008X1.5 | 8.0mm | 1.5mm | 0.27 |
| CT-008X2.5 | 8.0mm | 2.5mm | --- |
| CT-010X1.0 | 10.0mm | 1.0mm | 0.25 |
| CT-010X1.5 | 10.0mm | 1.5mm | 0.35 |
| CT-010X2.0 | 10.0mm | 2.0mm | 0.44 |
| CT-012X1.0 | 12.0mm | 1.0mm | 0.30 |
| CT-012X1.5 | 12.0mm | 1.5mm | 0.43 |
| CT-012X2.0 | 12.0mm | 2.0mm | 0.55 |
| CT-014X1.5 | 14.0mm | 1.5mm | --- |
| CT-014X2.0 | 14.0mm | 2.0mm | 0.66 |
| CT-015X1.0 | 15.0mm | 1.0mm | 0.38 |
| CT-015X1.5 | 15.0mm | 1.5mm | 0.55 |
| CT-016X1.5 | 16.0mm | 1.5mm | 0.59 |
| CT-016X2.0 | 16.0mm | 2.0mm | 0.76 |
| CT-018X1.0 | 18.0mm | 1.0mm | 0.46 |
| CT-018X1.5 | 18.0mm | 1.5mm | 0.68 |
| CT-018X2.0 | 18.0mm | 2.0mm | --- |
| CT-020X1.5 | 20.0mm | 1.5mm | 0.76 |
| CT-020X2.0 | 20.0mm | 2.0mm | 0.98 |
| CT-022X1.0 | 22.0mm | 1.0mm | 0.57 |
| CT-022X1.5 | 22.0mm | 1.5mm | 0.84 |
| CT-022X2.0 | 22.0mm | 2.0mm | --- |
| CT-022X2.0 | 25.0mm | 2.0mm | 1.26 |

| Item No. | O.D. | Wall Thickness | Weight (kg/m) |
|------------|---------|----------------|---------------|
| CT-028X1.5 | 28.0mm | 1.5mm | 1.09 |
| CT-028X2.0 | 28.0mm | 2.0mm | 1.42 |
| CT-030X2.0 | 30.0mm | 2.0mm | 1.53 |
| CT-035X1.0 | 35.0mm | 1.0mm | --- |
| CT-035X1.5 | 35.0mm | 1.5mm | 1.37 |
| CT-035X2.0 | 35.0mm | 2.0mm | --- |
| CT-035X2.5 | 35.0mm | 2.5mm | 2.22 |
| CT-038X2.0 | 38.0mm | 2.0mm | 1.97 |
| CT-038X2.5 | 38.0mm | 2.5mm | 2.42 |
| CT-042X1.5 | 42.0mm | 1.5mm | 1.66 |
| CT-042X2.0 | 42.0mm | 2.0mm | 2.19 |
| CT-044X2.5 | 44.0mm | 2.5mm | 2.87 |
| CT-054X1.5 | 54.0mm | 1.5mm | --- |
| CT-054X2.0 | 54.0mm | 2.0mm | 2.84 |
| CT-057X2.0 | 57.0mm | 2.0mm | 3.00 |
| CT-057X2.5 | 57.0mm | 2.5mm | 3.72 |
| CT-064X2.0 | 64.0mm | 2.0mm | 3.39 |
| CT-076X2.0 | 76.0mm | 2.0mm | 4.04 |
| CT-076X3.0 | 76.0mm | 3.0mm | 5.98 |
| CT-089X2.0 | 89.0mm | 2.0mm | 4.75 |
| CT-089X2.5 | 89.0mm | 2.5mm | 5.91 |
| CT-108X2.5 | 108.0mm | 2.5mm | 7.21 |
| CT-108X2.5 | 108.0mm | 2.5mm | 8.91 |
| CT-133X3.0 | 133.0mm | 3.0mm | 10.65 |
| CT-159X3.0 | 159.0mm | 3.0mm | 12.78 |

* Soft copper tubing available on request.



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HYDRAULIC TUBING

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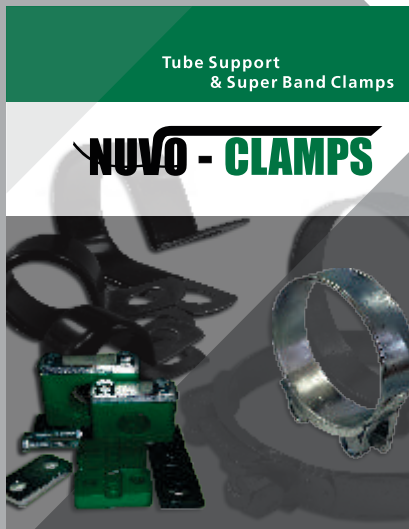
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