



# DIMENSIONES Y PESOS DE TUBERÍA DE ACERO AL CARBÓN SIN Y CON COSTURA Y OTROS MATERIALES

| IDENTIFICACIÓN   |                   |         |                |                                                                  |        |                   |         |               |
|------------------|-------------------|---------|----------------|------------------------------------------------------------------|--------|-------------------|---------|---------------|
| DIÁMETRO NOMINAL | DIÁMETRO EXTERIOR | ESPESOR | PESO LBS / PIE | ESTANDAR (STD)<br>EXTRA-STRONG (XS)<br>DOUBLE EXTRA-STRONG (XXS) | CEDULA | DIÁMETRO EXTERIOR | ESPESOR | PESO KG / MTS |
|                  |                   |         |                |                                                                  |        |                   |         |               |
|                  | PULGADAS          |         |                |                                                                  |        | mm                |         |               |
| 1/8"             | 0.405             | 0.068   | 0.24           | STD                                                              | 40     | 10.3              | 1.73    | 0.36          |
| 1/8"             | 0.405             | 0.095   | 0.31           | XS                                                               | 80     | 10.3              | 2.41    | 0.47          |
| 1/4"             | 0.540             | 0.088   | 0.42           | STD                                                              | 40     | 13.7              | 2.24    | 0.63          |
| 1/4"             | 0.540             | 0.119   | 0.54           | XS                                                               | 80     | 13.7              | 3.02    | 0.80          |
| 3/8"             | 0.675             | 0.091   | 0.57           | STD                                                              | 40     | 17.1              | 2.31    | 0.64          |
| 3/8"             | 0.675             | 0.126   | 0.74           | XS                                                               | 80     | 17.1              | 3.20    | 1.10          |
| 1/2"             | 0.840             | 0.109   | 0.85           | STD                                                              | 40     | 21.3              | 2.77    | 1.27          |
| 1/2"             | 0.840             | 0.147   | 1.09           | XS                                                               | 80     | 21.3              | 3.73    | 1.62          |
| 1/2"             | 0.840             | 0.188   | 1.31           | ...                                                              | 160    | 21.3              | 4.78    | 1.95          |
| 1/2"             | 0.840             | 0.294   | 1.71           | XXS                                                              | ...    | 21.3              | 7.47    | 2.55          |
| 3/4"             | 1.060             | 0.113   | 1.13           | STD                                                              | 40     | 26.7              | 2.87    | 1.69          |
| 3/4"             | 1.060             | 0.154   | 1.47           | XS                                                               | 80     | 26.7              | 3.91    | 2.20          |
| 3/4"             | 1.060             | 0.219   | 1.94           | ...                                                              | 160    | 26.7              | 5.56    | 2.90          |
| 3/4"             | 1.060             | 0.308   | 2.44           | XXS                                                              | ...    | 26.7              | 7.82    | 3.64          |
| 1"               | 1.315             | 0.133   | 1.68           | STD                                                              | 40     | 33.4              | 3.38    | 2.50          |
| 1"               | 1.315             | 0.179   | 2.17           | XS                                                               | 80     | 33.4              | 4.55    | 3.24          |
| 1"               | 1.315             | 0.250   | 2.84           | ...                                                              | 160    | 33.4              | 6.35    | 4.24          |
| 1"               | 1.315             | 0.358   | 3.66           | XXS                                                              | ...    | 33.4              | 9.09    | 5.45          |
| 1 1/4"           | 1.660             | 0.140   | 2.27           | STD                                                              | 40     | 42.2              | 3.56    | 3.39          |
| 1 1/4"           | 1.660             | 0.191   | 3.00           | XS                                                               | 80     | 42.2              | 4.85    | 4.47          |
| 1 1/4"           | 1.660             | 0.250   | 3.76           | ...                                                              | 160    | 42.2              | 6.55    | 5.61          |
| 1 1/4"           | 1.660             | 0.382   | 5.21           | XXS                                                              | ...    | 42.2              | 9.70    | 7.77          |
| 1 1/2"           | 1.900             | 0.145   | 2.72           | STD                                                              | 40     | 48.3              | 3.68    | 4.05          |
| 1 1/2"           | 1.900             | 0.200   | 3.63           | XS                                                               | 80     | 48.3              | 5.08    | 5.41          |
| 1 1/2"           | 1.900             | 0.281   | 4.86           | ...                                                              | 160    | 48.3              | 7.14    | 7.25          |
| 1 1/2"           | 1.900             | 0.400   | 6.41           | XXS                                                              | ...    | 48.3              | 10.15   | 9.56          |
| 2"               | 2.375             | 0.154   | 3.65           | STD                                                              | 40     | 60.3              | 3.91    | 5.44          |
| 2"               | 2.375             | 0.218   | 5.02           | XS                                                               | 80     | 60.3              | 5.54    | 7.48          |
| 2"               | 2.375             | 0.344   | 7.46           | ...                                                              | 160    | 60.3              | 8.74    | 11.11         |
| 2"               | 2.375             | 0.436   | 9.03           | XXS                                                              | ...    | 60.3              | 11.07   | 13.44         |
| 2 1/2"           | 2.875             | 0.203   | 5.79           | STD                                                              | 40     | 73.0              | 5.16    | 8.63          |
| 2 1/2"           | 2.875             | 0.276   | 7.66           | XS                                                               | 80     | 73.0              | 7.01    | 11.41         |
| 2 1/2"           | 2.875             | 0.375   | 10.01          | ...                                                              | 160    | 73.0              | 9.53    | 14.90         |
| 2 1/2"           | 2.875             | 0.552   | 13.69          | XXS                                                              | ...    | 73.0              | 14.02   | 20.39         |
| 3"               | 3.500             | 0.216   | 7.58           | STD                                                              | 40     | 88.9              | 5.49    | 11.29         |
| 3"               | 3.500             | 0.300   | 10.25          | XS                                                               | 80     | 88.9              | 7.62    | 15.27         |
| 3"               | 3.500             | 0.438   | 14.32          | ...                                                              | 160    | 88.9              | 11.13   | 21.35         |
| 3"               | 3.500             | 0.600   | 18.58          | XXS                                                              | ...    | 88.9              | 15.24   | 27.68         |

LA PRESENTE FICHA TECNICA ES DE CARÁCTER CONFIDENCIAL. SU CONTENIDO ESTA PROTEGIDO BAJO LAS LEYES EN MATERIA DE PROPIEDAD INDUSTRIAL E INTELECTUAL. EL USO DEBE SER LIMITADO A LOS ASPECTOS TECNICOS PARA LOS QUE HA SIDO CREADA. SU REPRODUCCION TOTAL O PARCIAL ESTA SUJETA A LA AUTORIZACION DE COMERCIALIZADORA ARMAR POR ESCRITO.

**ANDADOR 43 DEL TEMOLUCO 35-3 ACUEDUCTO DE GUADALUPE 07270 CDMX**  
**TEL (55)20364317 CEL**



**DIMENSIONES Y PESOS DE TUBERÍA DE ACERO AL CARBÓN  
SIN Y CON COSTURA Y OTROS MATERIALES**

| IDENTIFICACIÓN   |                   |         |                |                                                                  |        |                   |         |               |
|------------------|-------------------|---------|----------------|------------------------------------------------------------------|--------|-------------------|---------|---------------|
| DIÁMETRO NOMINAL | DIÁMETRO EXTERIOR | ESPESOR | PESO LBS / PIE | ESTÁNDAR (STD)<br>EXTRA-STRONG (XS)<br>DOUBLE EXTRA STRONG (XXS) | CÉDULA | DIÁMETRO EXTERIOR | ESPESOR | PESO KG / MTS |
|                  | PULGADAS          |         |                |                                                                  |        |                   | MIL     |               |
| 3 1/2"           | 4.000             | 0.226   | 9.11           | STD                                                              | 40     | 101.6             | 5.74    | 13.57         |
| 3 1/2"           | 4.000             | 0.318   | 12.50          | XS                                                               | 80     | 101.6             | 8.09    | 18.63         |
| 4"               | 4.500             | 0.237   | 10.79          | STD                                                              | 40     | 114.3             | 6.02    | 16.07         |
| 4"               | 4.500             | 0.337   | 14.98          | XS                                                               | 80     | 114.3             | 8.56    | 22.32         |
| 4"               | 4.500             | 0.438   | 19.00          | ---                                                              | 120    | 114.3             | 11.13   | 28.32         |
| 4"               | 4.500             | 0.531   | 22.51          | ---                                                              | 160    | 114.3             | 13.49   | 33.54         |
| 4"               | 4.500             | 0.674   | 27.54          | XXS                                                              | ---    | 114.3             | 17.12   | 41.30         |
| 5"               | 5.563             | 0.258   | 14.82          | STD                                                              | 40     | 141.3             | 6.55    | 21.77         |
| 5"               | 5.563             | 0.375   | 20.78          | XS                                                               | 80     | 141.3             | 9.53    | 30.97         |
| 5"               | 5.563             | 0.500   | 27.04          | ---                                                              | 120    | 141.3             | 12.70   | 40.28         |
| 5"               | 5.563             | 0.625   | 32.96          | ---                                                              | 160    | 141.3             | 15.88   | 49.11         |
| 5"               | 5.563             | 0.750   | 38.55          | XXS                                                              | ---    | 141.3             | 19.05   | 57.43         |
| 6"               | 6.625             | 0.250   | 17.00          | ---                                                              | ---    | 168.3             | 6.35    | 25.40         |
| 6"               | 6.625             | 0.280   | 18.97          | STD                                                              | 40     | 168.3             | 7.11    | 28.26         |
| 6"               | 6.625             | 0.432   | 28.57          | XS                                                               | 80     | 168.3             | 10.97   | 42.56         |
| 6"               | 6.625             | 0.562   | 36.39          | ---                                                              | 120    | 168.3             | 14.27   | 54.20         |
| 6"               | 6.625             | 0.719   | 45.35          | ---                                                              | 160    | 168.3             | 18.26   | 67.56         |
| 6"               | 6.625             | 0.864   | 53.16          | XXS                                                              | ---    | 168.3             | 21.95   | 79.22         |
| 8"               | 8.625             | 0.250   | 22.36          | ---                                                              | 20     | 219.1             | 6.35    | 33.31         |
| 8"               | 8.625             | 0.277   | 24.70          | ---                                                              | 30     | 219.1             | 7.04    | 36.81         |
| 8"               | 8.625             | 0.322   | 28.55          | STD                                                              | 40     | 219.1             | 8.18    | 42.55         |
| 8"               | 8.625             | 0.406   | 35.64          | ---                                                              | 60     | 219.1             | 10.31   | 53.08         |
| 8"               | 8.625             | 0.500   | 43.39          | XS                                                               | 80     | 219.1             | 12.70   | 64.64         |
| 8"               | 8.625             | 0.594   | 50.95          | ---                                                              | 100    | 219.1             | 15.09   | 75.92         |
| 8"               | 8.625             | 0.719   | 60.71          | ---                                                              | 120    | 219.1             | 18.26   | 90.44         |
| 8"               | 8.625             | 0.812   | 67.76          | ---                                                              | 140    | 219.1             | 20.82   | 100.92        |
| 8"               | 8.625             | 0.875   | 72.42          | XXS                                                              | ---    | 219.1             | 22.23   | 107.92        |
| 8"               | 8.625             | 0.906   | 74.69          | ---                                                              | 160    | 219.1             | 23.01   | 111.27        |
| 10"              | 10.750            | 0.250   | 28.04          | ---                                                              | 20     | 273.1             | 6.35    | 41.77         |
| 10"              | 10.750            | 0.307   | 34.24          | ---                                                              | 30     | 273.1             | 7.80    | 51.03         |
| 10"              | 10.750            | 0.385   | 40.48          | STD                                                              | 40     | 273.1             | 9.27    | 60.31         |
| 10"              | 10.750            | 0.500   | 54.74          | XS                                                               | 60     | 273.1             | 12.70   | 81.55         |
| 10"              | 10.750            | 0.594   | 64.43          | ---                                                              | 80     | 273.1             | 15.09   | 96.01         |
| 10"              | 10.750            | 0.719   | 77.03          | ---                                                              | 100    | 273.1             | 18.26   | 114.75        |
| 10"              | 10.750            | 0.844   | 89.29          | ---                                                              | 120    | 273.1             | 21.44   | 133.06        |
| 10"              | 10.750            | 1.000   | 104.13         | XXS                                                              | 140    | 273.1             | 26.40   | 155.15        |
| 10"              | 10.750            | 1.125   | 115.64         | ---                                                              | 160    | 273.1             | 28.58   | 172.33        |
| 12"              | 12.750            | 0.250   | 33.38          | ---                                                              | 20     | 323.9             | 6.35    | 49.73         |
| 12"              | 12.750            | 0.330   | 43.77          | ---                                                              | 30     | 323.9             | 8.38    | 65.20         |
| 12"              | 12.750            | 0.375   | 49.56          | STD                                                              | ---    | 323.9             | 9.53    | 73.88         |
| 12"              | 12.750            | 0.406   | 53.62          | ---                                                              | 40     | 323.9             | 10.31   | 79.73         |
| 12"              | 12.750            | 0.500   | 65.42          | XS                                                               | ---    | 323.9             | 12.70   | 97.46         |
| 12"              | 12.750            | 0.562   | 73.15          | ---                                                              | 60     | 323.9             | 14.27   | 108.98        |
| 12"              | 12.750            | 0.688   | 85.63          | ---                                                              | 80     | 323.9             | 17.48   | 132.08        |
| 12"              | 12.750            | 0.844   | 107.32         | ---                                                              | 100    | 323.9             | 21.44   | 159.91        |
| 12"              | 12.750            | 1.000   | 125.49         | XXS                                                              | 120    | 323.9             | 26.40   | 186.75        |
| 12"              | 12.750            | 1.125   | 139.67         | ---                                                              | 140    | 323.9             | 28.58   | 208.14        |
| 12"              | 12.750            | 1.312   | 160.27         | ---                                                              | 160    | 323.9             | 33.32   | 238.76        |

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|---------------------------------------------------|-------------------|---------|---------------|------------------------------------------------------------|--------|-------------------|---------|---------------|
| SIN Y CON COSTURA Y OTROS MATERIALES              |                   |         |               |                                                            |        |                   |         |               |
| IDENTIFICACIÓN                                    |                   |         |               |                                                            |        |                   |         |               |
| DIÁMETRO NOMINAL                                  | DIÁMETRO EXTERIOR | ESPESOR | PESO LBS / PE | ESTÁNDAR (STE) EXTRA-STRONG (XS) DOUBLE EXTRA-STRONG (XXS) | CÓDULO | DIÁMETRO EXTERIOR | ESPESOR | PESO KG / MTS |
|                                                   | PULGADAS          |         |               |                                                            |        | MM                |         |               |
| 14"                                               | 14.000            | 0.250   | 36.71         | ...                                                        | 10     | 355.6             | 6.35    | 54.69         |
| 14"                                               | 14.000            | 0.312   | 45.61         | ...                                                        | 20     | 355.6             | 7.92    | 67.90         |
| 14"                                               | 14.000            | 0.375   | 54.57         | STD                                                        | 30     | 355.6             | 9.53    | 81.33         |
| 14"                                               | 14.000            | 0.438   | 63.44         | ...                                                        | 40     | 355.6             | 11.13   | 94.55         |
| 14"                                               | 14.000            | 0.500   | 72.09         | XS                                                         | ...    | 355.6             | 12.70   | 107.39        |
| 14"                                               | 14.000            | 0.594   | 85.05         | ...                                                        | 60     | 355.6             | 15.09   | 126.71        |
| 14"                                               | 14.000            | 0.750   | 106.13        | ...                                                        | 80     | 355.6             | 19.05   | 158.10        |
| 14"                                               | 14.000            | 0.938   | 130.85        | ...                                                        | 100    | 355.6             | 23.83   | 194.96        |
| 14"                                               | 14.000            | 1.094   | 150.79        | ...                                                        | 120    | 355.6             | 27.79   | 224.65        |
| 14"                                               | 14.000            | 1.250   | 170.21        | ...                                                        | 140    | 355.6             | 31.75   | 253.56        |
| 14"                                               | 14.000            | 1.406   | 189.11        | ...                                                        | 160    | 355.6             | 35.71   | 281.70        |
| 16"                                               | 16.000            | 0.250   | 42.05         | ...                                                        | 10     | 406.4             | 6.35    | 62.54         |
| 16"                                               | 16.000            | 0.312   | 52.27         | ...                                                        | 20     | 406.4             | 7.92    | 77.83         |
| 16"                                               | 16.000            | 0.375   | 62.58         | STD                                                        | 30     | 406.4             | 9.53    | 93.27         |
| 16"                                               | 16.000            | 0.500   | 82.77         | XS                                                         | 40     | 406.4             | 12.70   | 123.30        |
| 16"                                               | 16.000            | 0.656   | 107.50        | ...                                                        | 60     | 406.4             | 16.66   | 160.12        |
| 16"                                               | 16.000            | 0.844   | 136.81        | ...                                                        | 80     | 406.4             | 21.44   | 203.53        |
| 16"                                               | 16.000            | 1.031   | 164.82        | ...                                                        | 100    | 406.4             | 26.19   | 245.56        |
| 16"                                               | 16.000            | 1.219   | 192.43        | ...                                                        | 120    | 406.4             | 30.96   | 286.64        |
| 16"                                               | 16.000            | 1.488   | 223.64        | ...                                                        | 140    | 406.4             | 36.93   | 333.19        |
| 16"                                               | 16.000            | 1.594   | 254.25        | ...                                                        | 160    | 406.4             | 40.49   | 365.35        |
| 18"                                               | 18.000            | 0.250   | 47.39         | ...                                                        | 10     | 457.0             | 6.35    | 70.57         |
| 18"                                               | 18.000            | 0.312   | 58.94         | ...                                                        | 20     | 457.0             | 7.92    | 87.71         |
| 18"                                               | 18.000            | 0.375   | 70.59         | STD                                                        | 30     | 457.0             | 9.53    | 106.16        |
| 18"                                               | 18.000            | 0.438   | 82.15         | ...                                                        | 40     | 457.0             | 11.13   | 122.38        |
| 18"                                               | 18.000            | 0.500   | 93.45         | XS                                                         | ...    | 457.0             | 12.70   | 139.15        |
| 18"                                               | 18.000            | 0.562   | 104.67        | ...                                                        | 60     | 457.0             | 14.27   | 155.40        |
| 18"                                               | 18.000            | 0.750   | 138.17        | ...                                                        | 80     | 457.0             | 19.05   | 206.74        |
| 18"                                               | 18.000            | 0.938   | 170.92        | ...                                                        | 100    | 457.0             | 23.83   | 254.55        |
| 18"                                               | 18.000            | 1.156   | 207.96        | ...                                                        | 120    | 457.0             | 29.36   | 309.62        |
| 18"                                               | 18.000            | 1.375   | 244.14        | ...                                                        | 140    | 457.0             | 34.93   | 366.56        |
| 18"                                               | 18.000            | 1.562   | 274.22        | ...                                                        | 160    | 457.0             | 39.67   | 408.26        |
| 18"                                               | 18.000            | 1.781   | 308.50        | ...                                                        | 180    | 457.0             | 45.24   | 459.37        |
| 20"                                               | 20.000            | 0.250   | 52.73         | ...                                                        | 10     | 508.0             | 6.35    | 78.55         |
| 20"                                               | 20.000            | 0.375   | 76.60         | STD                                                        | 20     | 508.0             | 9.53    | 117.02        |
| 20"                                               | 20.000            | 0.500   | 104.13        | XS                                                         | 30     | 508.0             | 12.70   | 155.12        |
| 20"                                               | 20.000            | 0.594   | 123.11        | ...                                                        | 40     | 508.0             | 15.09   | 183.42        |
| 20"                                               | 20.000            | 0.812   | 166.40        | ...                                                        | 60     | 508.0             | 20.62   | 247.83        |
| 20"                                               | 20.000            | 1.031   | 208.87        | ...                                                        | 80     | 508.0             | 26.19   | 311.17        |
| 20"                                               | 20.000            | 1.281   | 256.10        | ...                                                        | 100    | 508.0             | 32.54   | 381.53        |
| 20"                                               | 20.000            | 1.500   | 296.37        | ...                                                        | 120    | 508.0             | 38.10   | 441.49        |
| 20"                                               | 20.000            | 1.750   | 341.08        | ...                                                        | 140    | 508.0             | 44.45   | 508.11        |
| 20"                                               | 20.000            | 1.969   | 379.17        | ...                                                        | 160    | 508.0             | 50.01   | 564.81        |
| 24"                                               | 24.000            | 0.250   | 83.41         | ...                                                        | 10     | 610.0             | 6.35    | 94.53         |
| 24"                                               | 24.000            | 0.375   | 94.82         | STD                                                        | 20     | 610.0             | 9.53    | 141.12        |
| 24"                                               | 24.000            | 0.500   | 125.49        | XS                                                         | 30     | 610.0             | 12.70   | 187.06        |
| 24"                                               | 24.000            | 0.562   | 141.00        | ...                                                        | 40     | 610.0             | 14.27   | 209.53        |
| 24"                                               | 24.000            | 0.688   | 171.29        | ...                                                        | 60     | 610.0             | 17.48   | 255.41        |
| 24"                                               | 24.000            | 0.969   | 238.35        | ...                                                        | 80     | 610.0             | 24.61   | 355.20        |
| 24"                                               | 24.000            | 1.219   | 295.58        | ...                                                        | 100    | 610.0             | 30.96   | 442.08        |
| 24"                                               | 24.000            | 1.250   | 303.71        | ...                                                        | 120    | 610.0             | 31.75   | 462.74        |
| 24"                                               | 24.000            | 1.531   | 367.39        | ...                                                        | 140    | 610.0             | 38.89   | 547.73        |
| 24"                                               | 24.000            | 1.812   | 429.39        | ...                                                        | 160    | 610.0             | 46.02   | 640.00        |
| 24"                                               | 24.000            | 2.082   | 493.12        | ...                                                        | 180    | 610.0             | 52.37   | 720.15        |

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