



Norma  
NMX J-536-ANCE

## TUBOS PESOS Y DIMENSIONES

| Diámetro Nominal |       | Diámetro Exterior (A) |       | Diámetro Interior (B) |       | Espesor Nominal (B) |       | Peso Aprox. por Tubo |       |
|------------------|-------|-----------------------|-------|-----------------------|-------|---------------------|-------|----------------------|-------|
| mm.              | pulg. | mm.                   | pulg. | mm.                   | pulg. | mm.                 | pulg. | Kg.                  | Lb.   |
| 16               | 1/2   | 17.93                 | 0.706 | 15.87                 | 0.625 | 1.03                | 0.041 | 1.29                 | 2.85  |
| 21               | 3/4   | 23.42                 | 0.922 | 21.03                 | 0.828 | 1.19                | 0.047 | 1.99                 | 4.38  |
| 27               | 1     | 29.54                 | 1.163 | 26.90                 | 1.049 | 1.32                | 0.052 | 3.00                 | 6.61  |
| 35               | 1 1/4 | 38.35                 | 1.510 | 35.31                 | 1.380 | 1.52                | 0.060 | 4.24                 | 9.34  |
| 41               | 1 1/2 | 44.20                 | 1.740 | 41.16                 | 1.610 | 1.52                | 0.060 | 4.91                 | 10.82 |
| 53               | 2     | 55.80                 | 2.197 | 52.76                 | 2.067 | 1.52                | 0.060 | 6.24                 | 13.74 |
| 63               | 2 1/2 | 73.03                 | 2.875 | 69.37                 | 2.731 | 1.83                | 0.072 | 9.78                 | 21.54 |
| 78               | 3     | 88.90                 | 3.500 | 85.24                 | 3.356 | 1.83                | 0.072 | 11.91                | 26.23 |
| 91               | 3 1/2 | 101.60                | 4.000 | 97.38                 | 3.834 | 2.11                | 0.083 | 15.80                | 34.80 |
| 103              | 4     | 114.30                | 4.500 | 110.08                | 4.334 | 2.11                | 0.083 | 17.79                | 39.19 |

## EMPAQUE DE TUBOS

| Diámetro Nominal |       | Tubos |            | Peso por Atado |       | Peso por A. Maestro |       |
|------------------|-------|-------|------------|----------------|-------|---------------------|-------|
| mm.              | pulg. | Atado | A. Maestro | Kg.            | Lb.   | Kg.                 | Lb.   |
| 16               | 1/2   | 10    | 700        | 12.90          | 28.60 | 903                 | 2,002 |
| 21               | 3/4   | 10    | 500        | 12.90          | 43.80 | 995                 | 2,190 |
| 27               | 1     | 5     | 300        | 15.00          | 33.04 | 900                 | 1,962 |
| 35               | 1 1/4 | 5     | 200        | 21.20          | 46.70 | 424                 | 934   |
| 41               | 1 1/2 | 5     | 150        | 24.55          | 54.07 | 368                 | 811   |
| 53               | 2     | 3     | 81         | 18.72          | 41.23 | 505                 | 1,112 |
| 63               | 2 1/2 | 1     | 61         | 9.78           | 21.54 | 597                 | 1,315 |
| 78               | 3     | 1     | 51         | 11.91          | 26.23 | 607                 | 1,337 |
| 91               | 3 1/2 | 1     | 37         | 15.80          | 34.80 | 585                 | 1,289 |
| 103              | 4     | 1     | 30         | 17.79          | 39.19 | 534                 | 1,176 |

**NOTAS:** Longitud del tubo 3.00 m. +/- 6.35 mm. (9.836 pies +/- 0.25 pulg.).

(A) Tolerancias de 16 a 53 +/- 0.13 mm. (1/2-2 +/- 0.005 pulg.), 63 +/- 0.25 mm. (2 1/2 +/- 0.010 pulg.), 78 +/- 0.38 mm. (3 +/- 0.015 pulg.), 91 y 103 +/- 0.51 mm. (3 1/2 y 4 +/- 0.020 pulg.).

(B) Datos informativos. No son requerimientos de la Norma NMX-J-536-ANCE.



## CODOS 90

| Diámetro Nominal |       | Radio de Curvatura |        | Longitud Recta |       | Peso Aprox. |       | Empaque    |      | Empaque por Costal |     |
|------------------|-------|--------------------|--------|----------------|-------|-------------|-------|------------|------|--------------------|-----|
| mm.              | pulg. | mm.                | pulg.  | mm.            | pulg. | Kg.         | Lb.   | No. Piezas | Kg.  | No. Piezas         | Kg. |
| 16               | 1/2   | 103                | 4.055  | 67             | 2.63  | 0.14        | 0.30  | 20         | 2.7  | 220                | 30  |
| 21               | 3/4   | 115                | 4.527  | 74             | 2.91  | 0.20        | 0.44  | 20         | 4.0  | 200                | 40  |
| 27               | 1     | 147                | 5.787  | 70             | 2.75  | 0.38        | 0.83  | 10         | 3.8  | 60                 | 23  |
| 35               | 1 1/4 | 185                | 7.283  | 103            | 4.05  | 0.71        | 1.55  | 5          | 3.5  |                    |     |
| 41               | 1 1/2 | 211                | 8.307  | 83             | 3.26  | 0.82        | 1.80  | 5          | 4.1  |                    |     |
| 53               | 2     | 242                | 9.527  | 108            | 4.25  | 1.25        | 2.74  | 5          | 6.2  |                    |     |
| 63               | 2 1/2 | 268                | 10.551 | 162            | 6.37  | 2.44        | 5.36  | 3          | 7.3  |                    |     |
| 78               | 3     | 331                | 13.031 | 113            | 4.44  | 2.97        | 6.53  | 3          | 8.9  |                    |     |
| 91               | 3 1/2 | 382                | 15.039 | 197            | 7.75  | 5.88        | 12.94 | 2          | 11.8 |                    |     |
| 103              | 4     | 407                | 16.023 | 178            | 7.00  | 6.61        | 14.56 | 2          | 13.2 |                    |     |

## COPLES

| Diámetro Nominal |       | Longitud |       | Peso Aprox. |      | Empaque    |     | Empaque Costal |     |
|------------------|-------|----------|-------|-------------|------|------------|-----|----------------|-----|
| mm.              | pulg. | mm.      | pulg. | Kg.         | Lb.  | No. Piezas | Kg. | No. Piezas     | Kg. |
| 16               | 1/2   | 50       | 1.97  | 0.02        | 0.05 | 100        | 2.2 | 1000           | 22  |
| 21               | 3/4   | 61       | 2.40  | 0.04        | 0.08 | 60         | 2.1 | 600            | 21  |
| 27               | 1     | 64       | 2.52  | 0.05        | 0.10 | 40         | 1.8 | 400            | 18  |
| 35               | 1 1/4 | 73       | 2.87  | 0.13        | 0.28 | 20         | 2.5 | 200            | 25  |
| 41               | 1 1/2 | 73       | 2.87  | 0.14        | 0.31 | 15         | 2.1 | 150            | 21  |
| 53               | 2     | 80       | 3.15  | 0.19        | 0.42 | 10         | 1.9 | 100            | 19  |

## CONECTORES

| Diámetro Nominal |       | Longitud |       | Peso Aprox. |      | Empaque    |     | Empaque Costal |     |
|------------------|-------|----------|-------|-------------|------|------------|-----|----------------|-----|
| mm.              | pulg. | mm.      | pulg. | Kg.         | Lb.  | No. Piezas | Kg. | No. Piezas     | Kg. |
| 16               | 1/2   | 37       | 1.46  | 0.02        | 0.05 | 100        | 2.4 | 1000           | 24  |
| 21               | 3/4   | 37       | 1.46  | 0.04        | 0.08 | 60         | 2.2 | 600            | 22  |
| 27               | 1     | 46       | 1.81  | 0.06        | 0.10 | 40         | 2.3 | 400            | 23  |
| 35               | 1 1/4 | 52       | 2.05  | 0.11        | 0.24 | 20         | 2.2 | 200            | 22  |
| 41               | 1 1/2 | 52       | 2.05  | 0.14        | 0.30 | 15         | 2.0 | 100            | 14  |
| 53               | 2     | 52       | 2.05  | 0.18        | 0.40 | 10         | 1.8 | 50             | 9   |