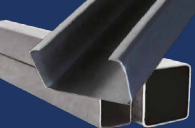


# PTR RECTANGULAR

| MEDIDA          |              | CAL | KGS/PZA |
|-----------------|--------------|-----|---------|
| Pulgada         | MM           |     |         |
| 2" X 1"         | 50.0 X 25.0  | 14  | 12.75   |
| 2 1/2" X 1 1/4" | 64.0 X 32.0  | 14  | 16.78   |
| 2 1/2" X 1 1/2" | 64.0 X 38.0  | 14  | 17.39   |
| 3" X 1 1/2"     | 75.0 X 38.0  | 14  | 19.70   |
| 3" X 2"         | 75.0 X 50.0  | 14  | 22.02   |
|                 |              | 11  | 34.16   |
|                 |              | 10  | 38.00   |
|                 |              | 7   | 52.78   |
| 4" X 1 1/2"     | 100.0 X 38.0 | 14  | 24.34   |
| 4" X 2"         | 100.0 X 50.0 | 14  | 26.66   |
|                 |              | 11  | 41.54   |
|                 |              | 9   | 51.06   |
|                 |              | 7   | 63.75   |
| 4" X 3"         | 100.0 X 75.0 | 11  | 48.98   |
|                 |              | 9   | 60.33   |
|                 |              | 7   | 74.75   |



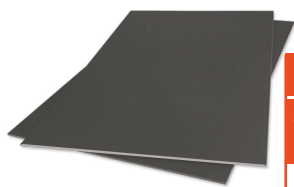
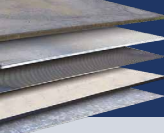
PESOS TEÓRICOS CON UNA VARIACIÓN DE  $\pm 5\%$   
PESO CALCULADO EN PIEZAS DE 6.00 MTS.



| MEDIDA          |               | CAL | KGS/PZA |
|-----------------|---------------|-----|---------|
| Pulgada         | MM            |     |         |
| 3/4" X 3/4"     | 19.0 X 19.0   | 14  | 6.47    |
| 1" X 1"         | 25.0 X 25.0   | 14  | 8.11    |
| 1 1/4" X 1 1/4" | 32.0 X 32.0   | 14  | 10.43   |
| 1 1/2" X 1 1/2" | 38.0 X 38.0   | 14  | 13.80   |
|                 |               | 12  | 17.20   |
|                 |               | 10  | 24.95   |
| 2" X 2"         | 50.0 X 50.0   | 14  | 17.39   |
|                 |               | 12  | 23.73   |
|                 |               | 10  | 35.10   |
| 2 1/2" X 2 1/2" | 64.0 X 64.0   | 14  | 22.02   |
|                 |               | 11  | 34.16   |
|                 |               | 10  | 38.00   |
|                 |               | 7   | 52.75   |
| 3" X 3"         | 75.0 X 75.0   | 14  | 26.66   |
|                 |               | 11  | 51.54   |
|                 |               | 9   | 51.06   |
|                 |               | 7   | 63.75   |
| 4" X 4"         | 100.0 X 100.0 | 14  | 36.16   |
|                 |               | 11  | 56.36   |
|                 |               | 9   | 69.60   |
|                 |               | 7   | 85.80   |



| Dimensiones de secciones D x B |            | Calibre | Longitud en Mts. | Kg. por pieza |
|--------------------------------|------------|---------|------------------|---------------|
| Pulgadas                       | Milímetros |         |                  |               |
| 4 x 2                          | 101 x 50   | 14      | 4                | 13.10         |
| 4 x 2                          | 101 x 50   | 14      | 5                | 16.40         |
| 4 x 2                          | 101 x 50   | 14      | 6                | 19.70         |
| 4 x 2                          | 101 x 50   | 12      | 6                | 27.10         |
| 4 x 2                          | 101 x 50   | 10      | 6                | 34.50         |
| 5 x 2                          | 127 x 50   | 12      | 6                | 30.30         |
| 5 x 2                          | 127 x 50   | 10      | 6                | 38.90         |
| 6 x 2                          | 152 x 50   | 16      | 6                | 19.40         |
| 6 x 2                          | 152 x 50   | 14      | 6                | 24.40         |
| 6 x 2                          | 152 x 50   | 12      | 6                | 33.50         |
| 6 x 2                          | 152 x 50   | 10      | 6                | 42.70         |
| 8 x 2 3/4                      | 203 x 69   | 14      | 8                | 43.00         |
| 8 x 2 3/4                      | 203 x 69   | 12      | 8                | 59.10         |
| 8 x 2 3/4                      | 203 x 69   | 10      | 8                | 75.70         |
| 10 x 2 3/4                     | 254 x 69   | 14      | 10               | 61.10         |
| 10 x 2 3/4                     | 254 x 69   | 12      | 10               | 84.60         |
| 10 x 2 3/4                     | 254 x 69   | 10      | 10               | 108.30        |
| 12 x 3 1/2                     | 304 x 89   | 14      | 12               | 89.82         |
| 12 x 3 1/2                     | 304 x 89   | 12      | 12               | 124.50        |
| 12 x 3 1/2                     | 304 x 89   | 10      | 12               | 159.60        |



| LÁMINA NEGRA EN HOJA |         |      |              |         |                          |        |       |        |
|----------------------|---------|------|--------------|---------|--------------------------|--------|-------|--------|
| CALIBRE #            | ESPESOR |      | PESO TEÓRICO |         | PESO APROXIMADO POR HOJA |        |       |        |
|                      | Pulg.   | Mm   | Kg/m2        | Kg/pie2 | 3 X 8                    | 3 X 10 | 4 X 8 | 4 X 10 |
| 8                    | 0.1640  | 4.17 | 33.57        | 3.12    | 74.85                    | 93.56  | 99.80 | 124.75 |
| 9                    | 0.1495  | 3.80 | 30.52        | 2.84    | 68.05                    | 85.06  | 90.73 | 113.42 |
| 10                   | 0.1345  | 3.42 | 27.46        | 2.55    | 61.23                    | 76.54  | 81.64 | 102.05 |
| 11                   | 0.1196  | 3.04 | 24.41        | 2.27    | 54.43                    | 68.04  | 72.57 | 90.72  |
| 12                   | 0.1046  | 2.66 | 21.36        | 1.98    | 47.63                    | 59.54  | 63.51 | 79.38  |
| 13                   | 0.0897  | 2.28 | 18.30        | 1.7     | 40.80                    | 51.00  | 54.40 | 68.00  |
| 14                   | 0.0747  | 1.90 | 15.26        | 1.42    | 34.02                    | 42.53  | 45.36 | 56.70  |
| 16                   | 0.0598  | 1.52 | 12.20        | 1.13    | 27.20                    | 34.00  | 36.27 | 45.33  |
| 18                   | 0.0478  | 1.21 | 9.76         | 0.91    | 21.76                    | 27.20  | 29.01 | 36.27  |
| 20                   | 0.0359  | 0.91 | 7.32         | 0.68    | 16.32                    | 20.40  | 21.76 | 27.20  |
| 22                   | 0.0299  | 0.76 | 6.10         | 0.57    | 13.60                    | 17.00  | 18.13 | 22.67  |
| 24                   | 0.0239  | 0.61 | 4.88         | 0.45    | 10.88                    | 13.60  | 14.51 | 18.13  |
| 26                   | 0.0179  | 0.45 | 3.66         | 0.34    | 8.16                     | 10.20  | 10.88 | 13.60  |
| 28                   | 0.0149  | 0.38 | 3.05         | 0.28    | 6.80                     | 8.50   | 9.07  | 11.33  |
| 30                   | 0.0120  | 0.30 | 2.44         | 0.23    | 5.44                     | 6.80   | 7.25  | 9.07   |

| LÁMINA GALVANIZADA EN HOJA |         |      |                                |       |        |        |       |        |               |       |
|----------------------------|---------|------|--------------------------------|-------|--------|--------|-------|--------|---------------|-------|
| CALIBRE #                  | ESPESOR |      | PESO APROXIMADO POR HOJA EN KG |       |        |        |       |        | KG X M LINEAL |       |
|                            | PULG    | MM   | 3'X6'                          | 3'X8' | 3'X10' | 3'X12' | 4'X8' | 4'X10' | 3'            | 4'    |
| 16                         | 0.0613  | 1.56 | 20.40                          | 27.20 | 34.00  | 40.80  | 36.26 | 45.33  | 11.15         | 14.87 |
| 18                         | 0.0493  | 1.25 | 16.40                          | 21.86 | 27.33  | 32.80  | 29.15 | 36.44  | 8.97          | 11.96 |
| 20                         | 0.0374  | 0.95 | 12.43                          | 16.57 | 20.72  | 24.86  | 22.10 | 27.62  | 6.80          | 9.06  |
| 22                         | 0.0314  | 0.80 | 10.43                          | 13.91 | 17.38  | 20.86  | 18.54 | 23.18  | 5.70          | 7.60  |
| 24                         | 0.0224  | 0.57 | 7.43                           | 9.90  | 12.38  | 14.86  | 13.21 | 16.51  | 4.06          | 5.42  |
| 26                         | 0.0194  | 0.49 | 6.43                           | 8.57  | 10.71  | 12.86  | 11.43 | 14.29  | 3.52          | 4.69  |
| 28                         | 0.0164  | 0.42 | 5.43                           | 7.24  | 9.05   | 10.86  | 9.65  | 12.06  | 2.97          | 3.96  |
| 30                         | 0.0135  | 0.34 | 4.46                           | 5.95  | 7.44   | 8.92   |       |        | 2.44          |       |
| 32                         | 0.0112  | 0.28 | 3.70                           | 4.93  | 6.17   | 7.40   |       |        | 2.03          |       |

