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## Tabela de chapa de aço carbono

Tabela Peso Chapa de Aço Carbono LAMINADOS A QUENTE BITOLA ESPESSURA PESO MSG MM Kg/m2. Nº 16 1.52 12.2 Nº 15 1.71 13.7 Nº 14 1.90 15.3 Nº 13 2.28 18.3 Nº 12 2.66 21.4 Nº 11 3.04 24.4 1/8 3.17 25.0 Nº 10 3.42 27.5 Nº 9 3.80 30.5 Nº 8 4.18 33.6 Nº 7 4.55 36.6 3/16 4.76 37.3 LAMINADOS A FRIO BITOLA ESPESSURA PESO MSG MM Kg/m2 30 0.31 2.4 29 0.34 2.7 28 0.38 3.1 27 0.42 3.4 26 0.46 3.7 25 0.53 4.3 24 0.61 4.9 23 0.68 5.5 22 0.76 6.1 21 0.84 6.7 20 0.91 7.3 19 1.08 8.5 18 1.21 9.8 17 1.37 11.0 16 1.52 12.2 15 1.71 13.7 14 1.90 15.3 13 2.28 18.3 12 2.66 21.4 FORMULA CALCULO PESO TEÓRICO COMP X LARG X ESPESS X 7.85 EX: 2440 X 6000 X 6.35 X 7.85 = 717.80 KG USG - U. S. Standard Gauge MSG - U. S. Manufacturer's Standard Gauge WWW.NORMAMETAL.COM.BR CHAPA GROSSA POL. MM 7/82 1/4 9/32 5/16 11/32 3/8 13/32 7/16 15/32 1/2 17/32 9/16 19/32 5/8 11/16 5.56 6.35 7.14 7.94 8.93 9.53 10.32 11.11 11.91 12.7 13.5 14.29 15.08 15.88 17.46 PESO Kg/m2 43.6 49.8 56.0 62.2 68.5 74.7 80.9 87.1 93.4 99.6 105.8 112.0 118.3 124.5 130.6 136.7 142.8 148.9 155.0 161.1 167.2 173.3 179.4 185.5 191.6 197.7 203.8 209.9 216.0 222.1 228.2 234.3 240.4 246.5 252.6 258.7 264.8 270.9 277.0 283.1 289.2 295.3 301.4 307.5 313.6 319.7 325.8 331.9 338.0 344.1 350.2 356.3 362.4 368.5 374.6 380.7 386.8 392.9 399.0 405.1 411.2 417.3 423.4 429.5 435.6 441.7 447.8 453.9 460.0 466.1 472.2 478.3 484.4 490.5 496.6 502.7 508.8 514.9 521.0 527.1 533.2 539.3 545.4 551.5 557.6 563.7 569.8 575.9 582.0 588.1 594.2 600.3 606.4 612.5 618.6 624.7 630.8 636.9 643.0 649.1 655.2 661.3 667.4 673.5 679.6 685.7 691.8 697.9 704.0 710.1 716.2 722.3 728.4 734.5 740.6 746.7 752.8 758.9 765.0 771.1 777.2 783.3 789.4 795.5 801.6 807.7 813.8 819.9 826.0 832.1 838.2 844.3 850.4 856.5 862.6 868.7 874.8 880.9 887.0 893.1 899.2 905.3 911.4 917.5 923.6 929.7 935.8 941.9 948.0 954.1 960.2 966.3 972.4 978.5 984.6 990.7 996.8 1002.9 1009.0 1015.1 1021.2 1027.3 1033.4 1039.5 1045.6 1051.7 1057.8 1063.9 1070.0 1076.1 1082.2 1088.3 1094.4 1100.5 1106.6 1112.7 1118.8 1124.9 1131.0 1137.1 1143.2 1149.3 1155.4 1161.5 1167.6 1173.7 1179.8 1185.9 1192.0 1198.1 1204.2 1210.3 1216.4 1222.5 1228.6 1234.7 1240.8 1246.9 1253.0 1259.1 1265.2 1271.3 1277.4 1283.5 1289.6 1295.7 1301.8 1307.9 1314.0 1320.1 1326.2 1332.3 1338.4 1344.5 1350.6 1356.7 1362.8 1368.9 1375.0 1381.1 1387.2 1393.3 1399.4 1405.5 1411.6 1417.7 1423.8 1429.9 1436.0 1442.1 1448.2 1454.3 1460.4 1466.5 1472.6 1478.7 1484.8 1490.9 1497.0 1503.1 1509.2 1515.3 1521.4 1527.5 1533.6 1539.7 1545.8 1551.9 1558.0 1564.1 1570.2 1576.3 1582.4 1588.5 1594.6 1600.7 1606.8 1612.9 1619.0 1625.1 1631.2 1637.3 1643.4 1649.5 1655.6 1661.7 1667.8 1673.9 1680.0 1686.1 1692.2 1698.3 1704.4 1710.5 1716.6 1722.7 1728.8 1734.9 1741.0 1747.1 1753.2 1759.3 1765.4 1771.5 1777.6 1783.7 1789.8 1795.9 1802.0 1808.1 1814.2 1820.3 1826.4 1832.5 1838.6 1844.7 1850.8 1856.9 1863.0 1869.1 1875.2 1881.3 1887.4 1893.5 1900.0 1906.5 1913.0 1919.5 1926.0 1932.5 1939.0 1945.5 1952.0 1958.5 1965.0 1971.5 1978.0 1984.5 1991.0 1997.5 2004.0 2010.5 2017.0 2023.5 2030.0 2036.5 2043.0 2049.5 2056.0 2062.5 2069.0 2075.5 2082.0 2088.5 2095.0 2101.5 2108.0 2114.5 2121.0 2127.5 2134.0 2140.5 2147.0 2153.5 2160.0 2166.5 2173.0 2179.5 2186.0 2192.5 2199.0 2205.5 2212.0 2218.5 2225.0 2231.5 2238.0 2244.5 2251.0 2257.5 2264.0 2270.5 2277.0 2283.5 2290.0 2296.5 2303.0 2309.5 2316.0 2322.5 2329.0 2335.5 2342.0 2348.5 2355.0 2361.5 2368.0 2374.5 2381.0 2387.5 2394.0 2400.5 2407.0 2413.5 2420.0 2426.5 2433.0 2439.5 2446.0 2452.5 2459.0 2465.5 2472.0 2478.5 2485.0 2491.5 2498.0 2504.5 2511.0 2517.5 2524.0 2530.5 2537.0 2543.5 2550.0 2556.5 2563.0 2569.5 2576.0 2582.5 2589.0 2595.5 2602.0 2608.5 2615.0 2621.5 2628.0 2634.5 2641.0 2647.5 2654.0 2660.5 2667.0 2673.5 2680.0 2686.5 2693.0 2700.0 2706.5 2713.0 2719.5 2726.0 2732.5 2739.0 2745.5 2752.0 2758.5 2765.0 2771.5 2778.0 2784.5 2791.0 2797.5 2804.0 2810.5 2817.0 2823.5 2830.0 2836.5 2843.0 2849.5 2856.0 2862.5 2869.0 2875.5 2882.0 2888.5 2895.0 2901.5 2908.0 2914.5 2921.0 2927.5 2934.0 2940.5 2947.0 2953.5 2960.0 2966.5 2973.0 2979.5 2986.0 2992.5 2999.0 3005.5 3012.0 3018.5 3025.0 3031.5 3038.0 3044.5 3051.0 3057.5 3064.0 3070.5 3077.0 3083.5 3090.0 3096.5 3103.0 3109.5 3116.0 3122.5 3129.0 3135.5 3142.0 3148.5 3155.0 3161.5 3168.0 3174.5 3181.0 3187.5 3194.0 3200.5 3207.0 3213.5 3220.0 3226.5 3233.0 3239.5 3246.0 3252.5 3259.0 3265.5 3272.0 3278.5 3285.0 3291.5 3298.0 3304.5 3311.0 3317.5 3324.0 3330.5 3337.0 3343.5 3350.0 3356.5 3363.0 3369.5 3376.0 3382.5 3389.0 3395.5 3402.0 3408.5 3415.0 3421.5 3428.0 3434.5 3441.0 3447.5 3454.0 3460.5 3467.0 3473.5 3480.0 3486.5 3493.0 3500.0 3506.5 3513.0 3519.5 3526.0 3532.5 3539.0 3545.5 3552.0 3558.5 3565.0 3571.5 3578.0 3584.5 3591.0 3597.5 3604.0 3610.5 3617.0 3623.5 3630.0 3636.5 3643.0 3649.5 3656.0 3662.5 3669.0 3675.5 3682.0 3688.5 3695.0 3701.5 3708.0 3714.5 3721.0 3727.5 3734.0 3740.5 3747.0 3753.5 3760.0 3766.5 3773.0 3779.5 3786.0 3792.5 3799.0 3805.5 3812.0 3818.5 3825.0 3831.5 3838.0 3844.5 3851.0 3857.5 3864.0 3870.5 3877.0 3883.5 3890.0 3896.5 3903.0 3909.5 3916.0 3922.5 3929.0 3935.5 3942.0 3948.5 3955.0 3961.5 3968.0 3974.5 3981.0 3987.5 3994.0 4000.5 4007.0 4013.5 4020.0 4026.5 4033.0 4039.5 4046.0 4052.5 4059.0 4065.5 4072.0 4078.5 4085.0 4091.5 4098.0 4104.5 4111.0 4117.5 4124.0 4130.5 4137.0 4143.5 4150.0 4156.5 4163.0 4169.5 4176.0 4182.5 4189.0 4195.5 4202.0 4208.5 4215.0 4221.5 4228.0 4234.5 4241.0 4247.5 4254.0 4260.5 4267.0 4273.5 4280.0 4286.5 4293.0 4299.5 4306.0 4312.5 4319.0 4325.5 4332.0 4338.5 4345.0 4351.5 4358.0 4364.5 4371.0 4377.5 4384.0 4390.5 4397.0 4403.5 4410.0 4416.5 4423.0 4429.5 4436.0 4442.5 4449.0 4455.5 4462.0 4468.5 4475.0 4481.5 4488.0 4494.5 4501.0 4507.5 4514.0 4520.5 4527.0 4533.5 4540.0 4546.5 4553.0 4559.5 4566.0 4572.5 4579.0 4585.5 4592.0 4598.5 4605.0 4611.5 4618.0 4624.5 4631.0 4637.5 4644.0 4650.5 4657.0 4663.5 4670.0 4676.5 4683.0 4689.5 4696.0 4702.5 4709.0 4715.5 4722.0 4728.5 4735.0 4741.5 4748.0 4754.5 4761.0 4767.5 4774.0 4780.5 4787.0 4793.5 4800.0 4806.5 4813.0 4819.5 4826.0 4832.5 4839.0 4845.5 4852.0 4858.5 4865.0 4871.5 4878.0 4884.5 4891.0 4897.5 4904.0 4910.5 4917.0 4923.5 4930.0 4936.5 4943.0 4949.5 4956.0 4962.5 4969.0 4975.5 4982.0 4988.5 4995.0 5001.5 5008.0 5014.5 5021.0 5027.5 5034.0 5040.5 5047.0 5053.5 5060.0 5066.5 5073.0 5079.5 5086.0 5092.5 5099.0 5105.5 5112.0 5118.5 5125.0 5131.5 5138.0 5144.5 5151.0 5157.5 5164.0 5170.5 5177.0 5183.5 5190.0 5196.5 5203.0 5209.5 5216.0 5222.5 5229.0 5235.5 5242.0 5248.5 5255.0 5261.5 5268.0 5274.5 5281.0 5287.5 5294.0 5300.5 5307.0 5313.5 5320.0 5326.5 5333.0 5339.5 5346.0 5352.5 5359.0 5365.5 5372.0 5378.5 5385.0 5391.5 5398.0 5404.5 5411.0 5417.5 5424.0 5430.5 5437.0 5443.5 5450.0 5456.5 5463.0 5469.5 5476.0 5482.5 5489.0 5495.5 5502.0 5508.5 5515.0 5521.5 5528.0 5534.5 5541.0 5547.5 5554.0 5560.5 5567.0 5573.5 5580.0 5586.5 5593.0 5600.0 5606.5 5613.0 5619.5 5626.0 5632.5 5639.0 5645.5 5652.0 5658.5 5665.0 5671.5 5678.0 5684.5 5691.0 5697.5 5704.0 5710.5 5717.0 5723.5 5730.0 5736.5 5743.0 5749.5 5756.0 5762.5 5769.0 5775.5 5782.0 5788.5 5795.0 5801.5 5808.0 5814.5 5821.0 5827.5 5834.0 5840.5 5847.0 5853.5 5860.0 5866.5 5873.0 5879.5 5886.0 5892.5 5899.0 5905.5 5912.0 5918.5 5925.0 5931.5 5938.0 5944.5 5951.0 5957.5 5964.0 5970.5 5977.0 5983.5 5990.0 5996.5 6003.0 6009.5 6016.0 6022.5 6029.0 6035.5 6042.0 6048.5 6055.0 6061.5 6068.0 6074.5 6081.0 6087.5 6094.0 6100.5 6107.0 6113.5 6120.0 6126.5 6133.0 6139.5 6146.0 6152.5 6159.0 6165.5 6172.0 6178.5 6185.0 6191.5 6198.0 6204.5 6211.0 6217.5 6224.0 6230.5 6237.0 6243.5 6250.0 6256.5 6263.0 6269.5 6276.0 6282.5 6289.0 6295.5 6302.0 6308.5 6315.0 6321.5 6328.0 6334.5 6341.0 6347.5 6354.0 6360.5 6367.0 6373.5 6380.0 6386.5 6393.0 6400.0 6406.5 6413.0 6419.5 6426.0 6432.5 6439.0 6445.5 6452.0 6458.5 6465.0 6471.5 6478.0 6484.5 6491.0 6497.5 6504.0 6510.5 6517.0 6523.5 6530.0 6536.5 6543.0 6549.5 6556.0 6562.5 6569.0 6575.5 6582.0 6588.5 6595.0 6601.5 6608.0 6614.5 6621.0 6627.5 6634.0 6640.5 6647.0 6653.5 6660.0 6666.5 6673.0 6679.5 6686.0 6692.5 6699.0 6705.5 6712.0 6718.5 6725.0 6731.5 6738.0 6744.5 6751.0 6757.5 6764.0 6770.5 6777.0 6783.5 6790.0 6796.5 6803.0 6809.5 6816.0 6822.5 6829.0 6835.5 6842.0 6848.5 6855.0 6861.5 6868.0 6874.5 6881.0 6887.5 6894.0 6900.5 6907.0 6913.5 6920.0 6926.5 6933.0 6939.5 6946.0 6952.5 6959.0 6965.5 6972.0 6978.5 6985.0 6991.5 6998.0 7004.5 7011.0 7017.5 7024.0 7030.5 7037.0 7043.5 7050.0 7056.5 7063.0 7069.5 7076.0 7082.5 7089.0 7095.5 7102.0 7108.5 7115.0 7121.5 7128.0 7134.5 7141.0 7147.5 7154.0 7160.5 7167.0 7173.5 7180.0 7186.5 7193.0 7200.0 7206.5 7213.0 7219.5 7226.0 7232.5 7239.0 7245.5 7252.0 7258.5 7265.0 7271.5 7278.0 7284.5 7291.0 7297.5 7304.0 7310.5 7317.0 7323.5 7330.0 7336.5 7343.0 7349.5 7356.0 7362.5 7369.0 7375.5 7382.0 7388.5 7395.0 7401.5 7408.0 7414.5 7421.0 7427.5 7434.0 7440.5 7447.0 7453.5 7460.0 7466.5 7473.0 7479.5 7486.0 7492.5 7499.0 7505.5 7512.0 7518.5 7525.0 7531.5 7538.0 7544.5 7551.0 7557.5 7564.0 7570.5 7577.0 7583.5 7590.0 7596.5 7603.0 7609.5 7616.0 7622.5 7629.0 7635.5 7642.0 7648.5 7655.0 7661.5 7668.0 7674.5 7681.0 7687.5 7694.0 7700.5 7707.0 7713.5 7720.0 7726.5 7733.0 7739.5 7746.0 7752.5 7759.0 7765.5 7772.0 7778.5 7785.0 7791.5 7798.0 7804.5 7811.0 7817.5 7824.0 7830.5 7837.0 7843.5 7850.0 7856.5 7863.0 7869.5 7876.0 7882.5 7889.0 7895.5 7902.0 7908.5 7915.0 7921.5 7928.0 7934.5 7941.0 7947.5 7954.0 7960.5 7967.0 7973.5 7980.0 7986.5 7993.0 8000.0 8006.5 8013.0 8019.5 8026.0 8032.5 8039.0 8045.5 8052.0 8058.5 8065.0 8071.5 8078.0 8084.5 8091.0 8097.5 8104.0 8110.5 8117.0 8123.5 8130.0 8136.5 8143.0 8149.5 8156.0 8162.5 8169.0 8175.5 8182.0 8188.5 8195.0 8201.5 8208.0 8214.5 8221.0 8227.5 8234.0 8240.5 8247.0 8253.5 8260.0 8266.5 8273.0 8279.5 8286.0 8292.5 8299.0 8305.5 8312.0 8318.5 8325.0 8331.5 8338.0 8344.5 8351.0 8357.5 8364.0 8370.5 8377.0 8383.5 8390.0 8396.5 8403.0 8409.5 8416.0 8422.5 8429.0 8435.5 8442.0 8448.5 8455.0 8461.5 8468.0 8474.5 8481.0 8487.5 8494.0 8500.5 8507.0 8513.5 8520.0 8526.5 8533.0 8539.5 8546.0 8552.5 8559.0 8565.5 8572.0 8578.5 8585.0 8591.5 8598.0 8604.5 8611.0 8617.5 8624.0 8630.5 8637.0 8643.5 8650.0 8656.5 8663.0 8669.5 8676.0 8682.5 8689.0 8695.5 8702.0 8708.5 8715.0 8721.5 8728.0 8734.5 8741.0 8747.5 8754.0 8760.5 8767.0 8773.5 8780.0 8786.5 8793.0 8800.0 8806.5 8813.0 8819.5 8826.0 8832.5 8839.0 8845.5 8852.0 8858.5 8865.0 8871.5 8878.0 8884.5 8891.0 8897.5 8904.0 8910.5 8917.0 8923.5 8930.0 8936.5 8943.0 8949.5 8956.0 8962.5 8969.0 8975.5 8982.0 8988.5 8995.0 9001.5 9008.0 9014.5 9021.0 9027.5 9034.0 9040.5 9047.0 9053.5 9060.0 9066.5 9073.0 9079.5 9086.0 9092.5 9099.0 9105.5 9112.0 9118.5 9125.0 9131.5 9138.0 9144.5 9151.0 9157.5 9164.0 9170.5 9177.0 9183.5 9190.0 9196.5 9203.0 9209.5 9216.0 9222.5 9229.0 9235.5 9242.0 9248.5 9255.0 9261.5 9268.0 9274.5 9281.0 9287.5 9294.0 9300.5 9307.0 9313.5 9320.0 9326.5 9333.0 9339.5 9346.0 9352.5 9359.0 9365.5 9372.0 9378.5 9385.0 9391.5 9398.0 9404.5 9411.0 9417.5 9424.0 9430.5 9437.0 9443.5 9450.0 9456.5 9463.0 9469.5 9476.0 9482.5 9489.0 9495.5 9502.0 9508.5 9515.0 9521.5 9528.0 9534.5 9541.0 9547.5 9554.0 9560.5 9567.0 9573.5 9580.0 9586.5 9593.0 9600.0 9606.5 9613.0 9619.5 9626.0 9632.5 9639.0 9645.5 9652.0 9658.5 9665.0 9671.5 9678.0 9684.5 9691.0 9697.5 9704.0 9710.5 9717.0 9723.5 9730.0 9736.5 9743.0 9749.5 9756.0 9762.5 9769.0 9775.5 9782.0 9788.5 9795.0 9801.5 9808.0 9814.5 9821.0 9827.5 9834.0 9840.5 9847.0 9853.5 9860.0 9866.5 9873.0 9879.5 9886.0 9892.5 9899.0 9905.5 9912.0 9918.5 9925.0 9931.5 9938.0 9944.5 9951.0 9957.5 9964.0 9970.5 9977.0 9983.5 9990.0 9996.5 10003.0 10009.5 10016.0 10022.5 10029.0 10035.5 10042.0 10048.5 10055.0 10061.5 10068.0 10074.5 10081.0 10087.5 10094.0 10100.5 10107.0 10113.5 10120.0 10126.5 10133.0 10139.5 10146.0 10152.5 10159.0 10165.5 10172.0 10178.5 10185.0 10191.5 10198.0 10204.5 10211.0 10217.5 10224.0 10230.5 10237.0 10243.5 10250.0 10256.5 10263.0 10269.5 10276.0 10282.5 10289.0 10295.5 10302.0 10308.5 10315.0 10321.5 10328.0 10334.5 10341.0 10347.5 10354.0 10360.5 10367.0 10373.5 10380.0 10386.5 10393.0 10400.0 10406.5 10413.0 10419.5 10426.0 10432.5 10439.0 10445.5 10452.0 10458.5 10465.0 10471.5 10478.0 10484.5 10491.0 10497.5 10504.0 10510.5 10517.0 10523.5 10530.0 10536.5 10543.0 10549.5 10556.0 10562.5 10569.0 10575.5 10582.0 10588.5 10595.0 10601.5 10608.0 10614.5 10621.0 10627.5 10634.0 10640.5 10647.0 10653.5 10660.0 10666.5 10673.0 10679.5 10686.0 10692.5 10699.0 10705.5 10712.0 10718.5 10725.0 10731.5 10738.0 10744.5 107