

ASTM A53/A53M Table X2.2
Pipe Weight Chart for Flat Head Steel

| NPS | DN | Outside Diameter | | Wall Thickness | | Plain End Mass | | weight Class | Schedule No. |
|-------|----|------------------|------|----------------|-------|----------------|-------|--------------|--------------|
| | | IN | MM | IN | MM | lb/ft | kg/m | | |
| 1/8 | 6 | 0.405 | 10.3 | 0.068 | 1.73 | 0.24 | 0.37 | STD | 40 |
| 1/8 | 6 | 0.405 | 10.3 | 0.095 | 2.41 | 0.31 | 0.47 | XS | 80 |
| 1/4 | 8 | 0.54 | 13.7 | 0.088 | 2.24 | 0.43 | 0.63 | STD | 40 |
| 1/4 | 8 | 0.54 | 13.7 | 0.119 | 3.02 | 0.54 | 0.80 | XS | 80 |
| 3/8 | 10 | 0.675 | 17.1 | 0.091 | 2.31 | 0.57 | 0.84 | STD | 40 |
| 3/8 | 10 | 0.675 | 17.1 | 0.126 | 3.20 | 0.74 | 1.10 | XS | 80 |
| 1/2 | 15 | 0.84 | 21.3 | 0.109 | 2.77 | 0.85 | 1.27 | STD | 40 |
| 1/2 | 15 | 0.84 | 21.3 | 0.147 | 3.73 | 1.09 | 1.62 | XS | 80 |
| 1/2 | 15 | 0.84 | 21.3 | 0.188 | 4.78 | 1.31 | 1.95 | | 160 |
| 1/2 | 15 | 0.84 | 21.3 | 0.294 | 7.47 | 1.72 | 2.55 | XXS | |
| 3/4 | 20 | 1.05 | 26.7 | 0.113 | 2.87 | 1.13 | 1.69 | STD | 40 |
| 3/4 | 20 | 1.05 | 26.7 | 0.154 | 3.91 | 1.48 | 2.20 | XS | 80 |
| 3/4 | 20 | 1.05 | 26.7 | 0.219 | 5.56 | 1.95 | 2.90 | | 160 |
| 3/4 | 20 | 1.05 | 26.7 | 0.308 | 7.82 | 2.44 | 3.64 | XXS | |
| 1 | 25 | 1.315 | 33.4 | 0.133 | 3.38 | 1.68 | 2.50 | STD | 40 |
| 1 | 25 | 1.315 | 33.4 | 0.179 | 4.55 | 2.17 | 3.24 | XS | 80 |
| 1 | 25 | 1.315 | 33.4 | 0.250 | 6.35 | 2.85 | 4.24 | | 160 |
| 1 | 25 | 1.315 | 33.4 | 0.382 | 9.70 | 5.22 | 7.77 | XXS | |
| 1 1/2 | 40 | 1.900 | 48.3 | 0.145 | 3.68 | 2.72 | 4.05 | STD | 40 |
| 1 1/2 | 40 | 1.900 | 48.3 | 0.200 | 5.08 | 3.63 | 5.41 | XS | 80 |
| 1 1/2 | 40 | 1.900 | 48.3 | 0.281 | 7.14 | 4.86 | 7.25 | | 160 |
| 1 1/2 | 40 | 1.900 | 48.3 | 0.400 | 10.16 | 6.41 | 9.56 | XXS | |
| 2 | 50 | 2.375 | 60.3 | 0.154 | 3.91 | 3.66 | 5.44 | STD | 40 |
| 2 | 50 | 2.375 | 60.3 | 0.218 | 5.54 | 5.03 | 7.48 | XS | 80 |
| 2 | 50 | 2.375 | 60.3 | 0.344 | 8.74 | 7.47 | 11.11 | | 160 |
| 2 | 50 | 2.375 | 60.3 | 0.436 | 11.07 | 9.04 | 13.44 | XXS | |
| 2 1/2 | 65 | 2.875 | 73.0 | 0.203 | 5.16 | 5.80 | 8.63 | STD | 40 |
| 2 1/2 | 65 | 2.875 | 73.0 | 0.276 | 7.01 | 7.67 | 11.41 | XS | 80 |
| 2 1/2 | 65 | 2.875 | 73.0 | 0.375 | 9.52 | 10.02 | 14.90 | | 160 |
| 2 1/2 | 65 | 2.875 | 73.0 | 0.552 | 14.02 | 13.71 | 20.39 | XXS | |
| 3 | 80 | 3.500 | 88.9 | 0.125 | 3.18 | 4.51 | 6.72 | | |
| 3 | 80 | 3.500 | 88.9 | 0.156 | 3.96 | 5.58 | 8.29 | | |
| 3 | 80 | 3.500 | 88.9 | 0.188 | 4.78 | 6.66 | 9.92 | | |
| 3 | 80 | 3.500 | 88.9 | 0.216 | 5.49 | 7.58 | 11.29 | STD | 40 |
| 3 | 80 | 3.500 | 88.9 | 0.250 | 6.35 | 8.69 | 12.93 | | |
| 3 | 80 | 3.500 | 88.9 | 0.281 | 7.14 | 9.67 | 14.40 | | |

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| NPS | DN | Outside Diameter | | Wall Thickness | | Plain End Mass | | weight Class | Schedule No. |
|-------|-----|------------------|-------|----------------|-------|----------------|-------|--------------|--------------|
| | | IN | MM | IN | MM | lb/ft | kg/m | | |
| 3 | 80 | 3.500 | 88.9 | 0.300 | 7.62 | 10.26 | 15.27 | XS | 80 |
| 3 | 80 | 3.500 | 88.9 | 0.438 | 11.13 | 14.34 | 21.35 | | 160 |
| 3 | 80 | 3.500 | 88.9 | 0.600 | 15.24 | 18.60 | 27.68 | XXS | |
| 3 1/2 | 90 | 4.000 | 101.6 | 0.125 | 3.18 | 5.18 | 7.72 | | |
| 3 1/2 | 90 | 4.000 | 101.6 | 0.156 | 3.96 | 6.41 | 9.53 | | |
| 3 1/2 | 90 | 4.000 | 101.6 | 0.188 | 4.78 | 7.66 | 11.41 | | |
| 3 1/2 | 90 | 4.000 | 101.6 | 0.226 | 5.74 | 9.12 | 13.57 | STD | 40 |
| 3 1/2 | 90 | 4.000 | 101.6 | 0.250 | 6.35 | 10.02 | 14.92 | | |
| 3 1/2 | 90 | 4.000 | 101.6 | 0.281 | 7.14 | 11.17 | 16.63 | | |
| 3 1/2 | 90 | 4.000 | 101.6 | 0.318 | 8.08 | 12.52 | 18.63 | XS | 80 |
| 4 | 100 | 4.500 | 114.3 | 0.125 | 3.18 | 5.85 | 8.71 | | |
| 4 | 100 | 4.500 | 114.3 | 0.156 | 3.96 | 7.24 | 10.78 | | |
| 4 | 100 | 4.500 | 114.3 | 0.188 | 4.78 | 8.67 | 12.91 | | |
| 4 | 100 | 4.500 | 114.3 | 0.219 | 5.56 | 10.02 | 14.91 | | |
| 4 | 100 | 4.500 | 114.3 | 0.237 | 6.02 | 10.80 | 16.07 | STD | 40 |
| 4 | 100 | 4.500 | 114.3 | 0.250 | 6.35 | 11.36 | 16.90 | | |
| 4 | 100 | 4.500 | 114.3 | 0.281 | 7.14 | 12.67 | 18.87 | | |
| 4 | 100 | 4.500 | 114.3 | 0.312 | 7.92 | 13.97 | 20.78 | | |
| 4 | 100 | 4.500 | 114.3 | 0.337 | 8.56 | 15.00 | 22.32 | XS | 80 |
| 4 | 100 | 4.500 | 114.3 | 0.438 | 11.13 | 19.02 | 28.32 | | 120 |
| 4 | 100 | 4.500 | 114.3 | 0.531 | 13.49 | 22.53 | 33.54 | | 160 |
| 4 | 100 | 4.500 | 114.3 | 0.674 | 17.12 | 27.57 | 41.03 | XXS | |
| 5 | 125 | 5.563 | 141.3 | 0.156 | 3.96 | 9.02 | 13.41 | | |
| 5 | 125 | 5.563 | 141.3 | 0.188 | 4.78 | 10.80 | 16.09 | | |
| 5 | 125 | 5.563 | 141.3 | 0.219 | 5.56 | 12.51 | 18.61 | | |
| 5 | 125 | 5.563 | 141.3 | 0.258 | 6.55 | 14.63 | 21.77 | STD | 40 |
| 5 | 125 | 5.563 | 141.3 | 0.281 | 7.14 | 15.87 | 23.62 | | |
| 5 | 125 | 5.563 | 141.3 | 0.312 | 7.92 | 17.51 | 26.05 | | |
| 5 | 125 | 5.563 | 141.3 | 0.344 | 8.74 | 19.19 | 28.57 | | |
| 5 | 125 | 5.563 | 141.3 | 0.375 | 9.52 | 20.80 | 30.94 | XS | 80 |
| 5 | 125 | 5.563 | 141.3 | 0.500 | 12.70 | 27.06 | 40.28 | | 120 |
| 5 | 125 | 5.563 | 141.3 | 0.625 | 15.88 | 32.99 | 49.11 | | 160 |
| 5 | 125 | 5.563 | 141.3 | 0.750 | 19.05 | 38.59 | 57.43 | XXS | |
| 6 | 150 | 6.625 | 168.3 | 0.188 | 4.78 | 12.94 | 19.27 | | |
| 6 | 150 | 6.625 | 168.3 | 0.219 | 5.56 | 15.00 | 22.31 | | |
| 6 | 150 | 6.625 | 168.3 | 0.250 | 6.35 | 17.04 | 25.36 | | |
| 6 | 150 | 6.625 | 168.3 | 0.280 | 7.11 | 18.99 | 28.26 | STD | 40 |
| 6 | 150 | 6.625 | 168.3 | 0.312 | 7.92 | 21.06 | 31.32 | | |

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Pipe Weight Chart for Flat Head Steel

| NPS | DN | Outside Diameter | | Wall Thickness | | Plain End Mass | | weight Class | Schedule No. |
|-----|-----|------------------|-------|----------------|-------|----------------|--------|--------------|--------------|
| | | IN | MM | IN | MM | lb/ft | kg/m | | |
| 6 | 150 | 6.625 | 168.3 | 0.344 | 8.74 | 23.10 | 34.39 | | |
| 6 | 150 | 6.625 | 168.3 | 0.375 | 9.52 | 25.05 | 37.28 | | |
| 6 | 150 | 6.625 | 168.3 | 0.432 | 10.97 | 28.60 | 42.56 | XS | 80 |
| 6 | 150 | 6.625 | 168.3 | 0.562 | 14.27 | 36.43 | 54.20 | | 120 |
| 6 | 150 | 6.625 | 168.3 | 0.719 | 18.26 | 45.39 | 67.56 | | 160 |
| 6 | 150 | 6.625 | 168.3 | 0.864 | 21.95 | 53.21 | 79.22 | XXS | |
| 8 | 200 | 8.625 | 219.1 | 0.188 | 4.78 | 16.96 | 25.26 | | |
| 8 | 200 | 8.625 | 219.1 | 0.203 | 5.16 | 18.28 | 27.22 | | |
| 8 | 200 | 8.625 | 219.1 | 0.219 | 5.56 | 19.68 | 29.28 | | |
| 8 | 200 | 8.625 | 219.1 | 0.250 | 6.35 | 22.38 | 33.31 | | 20 |
| 8 | 200 | 8.625 | 219.1 | 0.277 | 7.04 | 24.72 | 36.31 | | 30 |
| 8 | 200 | 8.625 | 219.1 | 0.312 | 7.92 | 27.73 | 41.24 | | |
| 8 | 200 | 8.625 | 219.1 | 0.322 | 8.18 | 28.58 | 42.55 | STD | 40 |
| 8 | 200 | 8.625 | 219.1 | 0.344 | 8.74 | 30.45 | 45.34 | | |
| 8 | 200 | 8.625 | 219.1 | 0.375 | 9.52 | 33.07 | 49.20 | | |
| 8 | 200 | 8.625 | 219.1 | 0.406 | 10.31 | 35.67 | 53.08 | | 60 |
| 8 | 200 | 8.625 | 219.1 | 0.438 | 11.13 | 38.33 | 57.08 | | |
| 8 | 200 | 8.625 | 219.1 | 0.500 | 12.70 | 43.43 | 64.64 | XS | 80 |
| 8 | 200 | 8.625 | 219.1 | 0.594 | 15.09 | 51.00 | 75.92 | | 100 |
| 8 | 200 | 8.625 | 219.1 | 0.719 | 18.26 | 60.77 | 90.44 | | 120 |
| 8 | 200 | 8.625 | 219.1 | 0.812 | 20.62 | 67.82 | 100.92 | | 140 |
| 8 | 200 | 8.625 | 219.1 | 0.875 | 22.22 | 72.49 | 107.88 | XXS | |
| 8 | 200 | 8.625 | 219.1 | 0.906 | 23.01 | 74.76 | 111.27 | | 160 |
| 10 | 250 | 10.75 | 273 | 0.188 | 4.78 | 21.23 | 31.62 | | |
| 10 | 250 | 10.75 | 273 | 0.203 | 5.16 | 22.89 | 34.08 | | |
| 10 | 250 | 10.75 | 273 | 0.219 | 5.56 | 24.65 | 36.67 | | |
| 10 | 250 | 10.75 | 273 | 0.250 | 6.35 | 28.06 | 41.75 | | 20 |
| 10 | 250 | 10.75 | 273 | 0.279 | 7.09 | 31.23 | 46.49 | | |
| 10 | 250 | 10.75 | 273 | 0.307 | 7.80 | 34.27 | 51.01 | | 30 |
| 10 | 250 | 10.75 | 273 | 0.344 | 8.74 | 38.27 | 56.96 | | |
| 10 | 250 | 10.75 | 273 | 0.365 | 9.27 | 40.52 | 60.29 | STD | 40 |
| 10 | 250 | 10.75 | 273 | 0.438 | 11.13 | 48.28 | 71.87 | | |
| 10 | 250 | 10.75 | 273 | 0.500 | 12.70 | 54.79 | 81.52 | XS | 60 |
| 10 | 250 | 10.75 | 273 | 0.594 | 15.09 | 64.49 | 95.97 | | 80 |
| 10 | 250 | 10.75 | 273 | 0.719 | 18.26 | 77.10 | 114.70 | | 100 |
| 10 | 250 | 10.75 | 273 | 0.844 | 21.44 | 89.38 | 133.00 | | 120 |
| 10 | 250 | 10.75 | 273 | 1.000 | 25.40 | 104.23 | 155.09 | XXS | 140 |
| 10 | 250 | 10.75 | 273 | 1.125 | 28.57 | 115.75 | 172.21 | | 160 |
| 12 | 300 | 12.75 | 323.8 | 0.203 | 5.16 | 27.23 | 40.55 | | |

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Pipe Weight Chart for Flat Head Steel

| NPS | DN | Outside Diameter | | Wall Thickness | | Plain End Mass | | weight Class | Schedule No. |
|-----|-----|------------------|-------|----------------|-------|----------------|--------|--------------|--------------|
| | | IN | MM | IN | MM | lb/ft | kg/m | | |
| 12 | 300 | 12.75 | 323.8 | 0.219 | 5.56 | 29.34 | 43.63 | | |
| 12 | 300 | 12.75 | 323.8 | 0.250 | 6.35 | 33.41 | 49.71 | | 20 |
| 12 | 300 | 12.75 | 323.8 | 0.281 | 7.14 | 37.46 | 55.75 | | |
| 12 | 300 | 12.75 | 323.8 | 0.312 | 7.92 | 41.48 | 61.69 | | |
| 12 | 300 | 12.75 | 323.8 | 0.330 | 8.38 | 43.81 | 65.18 | | 30 |
| 12 | 300 | 12.75 | 323.8 | 0.344 | 8.74 | 45.62 | 67.90 | | |
| 12 | 300 | 12.75 | 323.8 | 0.375 | 9.52 | 49.61 | 73.78 | STD | |
| 12 | 300 | 12.75 | 323.8 | 0.406 | 10.31 | 53.57 | 79.70 | | 40 |
| 12 | 300 | 12.75 | 323.8 | 0.438 | 11.13 | 57.65 | 85.82 | | |
| 12 | 300 | 12.75 | 323.8 | 0.500 | 12.70 | 65.48 | 97.43 | XS | |
| 12 | 300 | 12.75 | 323.8 | 0.562 | 14.27 | 73.22 | 108.92 | | 60 |
| 12 | 300 | 12.75 | 323.8 | 0.688 | 17.48 | 88.71 | 132.04 | | 80 |
| 12 | 300 | 12.75 | 323.8 | 0.844 | 21.44 | 107.42 | 159.86 | | 100 |
| 12 | 300 | 12.75 | 323.8 | 1.000 | 25.40 | 125.61 | 186.91 | XXS | 120 |
| 12 | 300 | 12.75 | 323.8 | 1.125 | 28.57 | 139.81 | 208.00 | | 140 |
| 12 | 300 | 12.75 | 323.8 | 1.312 | 33.32 | 160.42 | 238.68 | | 160 |
| 14 | 350 | 14 | 355.6 | 0.210 | 5.33 | 30.96 | 46.04 | | |
| 14 | 350 | 14 | 355.6 | 0.219 | 5.56 | 32.26 | 47.99 | | |
| 14 | 350 | 14 | 355.6 | 0.250 | 6.35 | 36.75 | 54.69 | | 10 |
| 14 | 350 | 14 | 355.6 | 0.281 | 7.14 | 41.21 | 61.35 | | |
| 14 | 350 | 14 | 355.6 | 0.312 | 7.92 | 45.65 | 67.90 | | 20 |
| 14 | 350 | 14 | 355.6 | 0.344 | 8.74 | 50.22 | 74.76 | | |
| 14 | 350 | 14 | 355.6 | 0.375 | 9.52 | 54.62 | 81.25 | STD | 30 |
| 14 | 350 | 14 | 355.6 | 0.438 | 11.13 | 63.50 | 94.55 | | 40 |
| 14 | 350 | 14 | 355.6 | 0.469 | 11.91 | 67.84 | 100.94 | | |
| 14 | 350 | 14 | 355.6 | 0.500 | 12.70 | 72.16 | 107.39 | XS | |
| 14 | 350 | 14 | 355.6 | 0.594 | 15.09 | 85.13 | 126.71 | | 60 |
| 14 | 350 | 14 | 355.6 | 0.750 | 19.05 | 106.23 | 158.10 | | 80 |
| 14 | 350 | 14 | 355.6 | 0.938 | 23.83 | 130.98 | 194.96 | | 100 |
| 14 | 350 | 14 | 355.6 | 1.094 | 27.79 | 150.93 | 224.65 | | 120 |
| 14 | 350 | 14 | 355.6 | 1.250 | 31.75 | 170.37 | 253.56 | | 140 |
| 14 | 350 | 14 | 355.6 | 1.406 | 35.71 | 189.29 | 281.70 | | 160 |
| 14 | 350 | 14 | 355.6 | 2.000 | 50.80 | 256.56 | 381.83 | | |
| 14 | 350 | 14 | 355.6 | 2.125 | 53.97 | 269.76 | 401.44 | | |
| 14 | 350 | 14 | 355.6 | 2.200 | 55.88 | 277.51 | 413.01 | | |
| 14 | 350 | 14 | 355.6 | 2.500 | 63.50 | 307.34 | 457.40 | | |
| 16 | 400 | 16 | 406.4 | 0.219 | 5.56 | 36.95 | 54.96 | | |
| 16 | 400 | 16 | 406.4 | 0.250 | 6.35 | 42.09 | 62.64 | | 10 |
| 16 | 400 | 16 | 406.4 | 0.281 | 7.14 | 47.22 | 70.30 | | |

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| NPS | DN | Outside Diameter | | Wall Thickness | | Plain End Mass | | weight Class | Schedule No. |
|-----|-----|------------------|-------|----------------|-------|----------------|--------|--------------|--------------|
| | | IN | MM | IN | MM | lb/ft | kg/m | | |
| 16 | 400 | 16 | 406.4 | 0.312 | 7.92 | 52.32 | 77.83 | | 20 |
| 16 | 400 | 16 | 406.4 | 0.344 | 8.74 | 57.57 | 85.71 | | |
| 16 | 400 | 16 | 406.4 | 0.375 | 9.52 | 62.64 | 93.17 | STD | 30 |
| 16 | 400 | 16 | 406.4 | 0.438 | 11.13 | 72.86 | 108.49 | | |
| 16 | 400 | 16 | 406.4 | 0.469 | 11.91 | 77.87 | 115.86 | | |
| 16 | 400 | 16 | 406.4 | 0.500 | 12.70 | 82.85 | 123.30 | XS | 40 |
| 16 | 400 | 16 | 406.4 | 0.656 | 16.66 | 107.60 | 160.12 | | 60 |
| 16 | 400 | 16 | 406.4 | 0.844 | 21.44 | 136.74 | 203.53 | | 80 |
| 16 | 400 | 16 | 406.4 | 1.031 | 26.19 | 164.98 | 245.56 | | 100 |
| 16 | 400 | 16 | 406.4 | 1.219 | 30.96 | 192.61 | 286.64 | | 120 |
| 16 | 400 | 16 | 406.4 | 1.438 | 36.53 | 223.85 | 333.19 | | 140 |
| 16 | 400 | 16 | 406.4 | 1.594 | 40.49 | 245.48 | 365.35 | | 160 |
| 18 | 450 | 18 | 457 | 0.250 | 6.35 | 47.44 | 70.60 | | 10 |
| 18 | 450 | 18 | 457 | 0.281 | 7.14 | 53.23 | 79.24 | | |
| 18 | 450 | 18 | 457 | 0.312 | 7.92 | 58.99 | 87.75 | | 20 |
| 18 | 450 | 18 | 457 | 0.344 | 8.74 | 64.93 | 96.66 | | |
| 18 | 450 | 18 | 457 | 0.375 | 9.52 | 70.65 | 105.10 | STD | |
| 18 | 450 | 18 | 457 | 0.406 | 10.31 | 76.36 | 113.62 | | |
| 18 | 450 | 18 | 457 | 0.438 | 11.13 | 82.23 | 122.43 | | 30 |
| 18 | 450 | 18 | 457 | 0.469 | 11.91 | 87.89 | 130.78 | | |
| 18 | 450 | 18 | 457 | 0.500 | 12.70 | 93.54 | 139.20 | XS | |
| 18 | 450 | 18 | 457 | 0.562 | 14.27 | 104.76 | 155.87 | | 40 |
| 18 | 450 | 18 | 457 | 0.750 | 19.05 | 138.30 | 205.83 | | 60 |
| 18 | 450 | 18 | 457 | 0.938 | 23.83 | 171.08 | 254.67 | | 80 |
| 18 | 450 | 18 | 457 | 1.156 | 29.36 | 208.15 | 309.76 | | 100 |
| 18 | 450 | 18 | 457 | 1.375 | 34.92 | 244.37 | 363.64 | | 120 |
| 18 | 450 | 18 | 457 | 1.562 | 39.67 | 274.48 | 408.45 | | 140 |
| 18 | 450 | 18 | 457 | 1.781 | 45.24 | 308.79 | 459.59 | | 160 |
| 20 | 500 | 20 | 508 | 0.250 | 6.35 | 52.78 | 78.55 | | 10 |
| 20 | 500 | 20 | 508 | 0.281 | 7.14 | 59.23 | 88.19 | | |
| 20 | 500 | 20 | 508 | 0.312 | 7.92 | 65.66 | 97.67 | | |
| 20 | 500 | 20 | 508 | 0.344 | 8.74 | 72.28 | 107.60 | | |
| 20 | 500 | 20 | 508 | 0.375 | 9.52 | | 78.67 | STD | 20 |
| 20 | 500 | 20 | 508 | 0.406 | 10.31 | 84.04 | 126.53 | | |
| 20 | 500 | 20 | 508 | 0.438 | 11.13 | 91.59 | 136.37 | | |
| 20 | 500 | 20 | 508 | 0.469 | 11.91 | 97.92 | 145.70 | | |
| 20 | 500 | 20 | 508 | 0.500 | 12.70 | 104.23 | 155.12 | XS | 30 |
| 20 | 500 | 20 | 508 | 0.594 | 15.09 | 123.23 | 183.42 | | 40 |
| 20 | 500 | 20 | 508 | 0.812 | 20.62 | 166.56 | 247.83 | | 60 |

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|-----|-----|------------------|-----|----------------|-------|----------------|--------|--------------|--------------|
| | | IN | MM | IN | MM | lb/ft | kg/m | | |
| 20 | 500 | 20 | 508 | 1.031 | 26.19 | 209.06 | 311.17 | | 80 |
| 20 | 500 | 20 | 508 | 1.281 | 32.54 | 256.34 | 381.53 | | 100 |
| 20 | 500 | 20 | 508 | 1.500 | 38.10 | 296.65 | 441.49 | | 120 |
| 20 | 500 | 20 | 508 | 1.750 | 44.45 | 341.41 | 508.11 | | 140 |
| 20 | 500 | 20 | 508 | 1.969 | 50.01 | 379.53 | 564.81 | | 160 |
| 24 | 600 | 24 | 610 | 0.250 | 6.35 | 63.47 | 94.46 | | 10 |
| 24 | 600 | 24 | 610 | 0.281 | 7.14 | 71.25 | 106.08 | | |
| 24 | 600 | 24 | 610 | 0.312 | 7.92 | 79.01 | 117.51 | | |
| 24 | 600 | 24 | 610 | 0.344 | 8.74 | 86.99 | 129.50 | | |
| 24 | 600 | 24 | 610 | 0.375 | 9.52 | 94.71 | 140.88 | STD | 20 |
| 24 | 600 | 24 | 610 | 0.406 | 10.31 | 102.40 | 152.37 | | |
| 24 | 600 | 24 | 610 | 0.438 | 11.13 | 110.32 | 164.26 | | |
| 24 | 600 | 24 | 610 | 0.469 | 11.91 | 117.98 | 175.54 | | |
| 24 | 600 | 24 | 610 | 0.500 | 12.70 | 125.61 | 186.94 | XS | |
| 24 | 600 | 24 | 610 | 0.562 | 14.27 | 140.81 | 209.50 | | 30 |
| 24 | 600 | 24 | 610 | 0.688 | 17.48 | 171.45 | 255.24 | | 40 |
| 24 | 600 | 24 | 610 | 0.938 | 23.83 | 231.25 | 344.23 | | |
| 24 | 600 | 24 | 610 | 0.969 | 24.61 | 238.57 | 355.02 | | 60 |
| 24 | 600 | 24 | 610 | 1.219 | 30.96 | 296.86 | 441.78 | | 80 |
| 24 | 600 | 24 | 610 | 1.531 | 38.89 | 367.74 | 547.33 | | 100 |
| 24 | 600 | 24 | 610 | 1.812 | 46.02 | 429.79 | 639.58 | | 120 |
| 24 | 600 | 24 | 610 | 2.062 | 52.37 | 483.57 | 719.63 | | 140 |
| 24 | 600 | 24 | 610 | 2.344 | 59.54 | 542.64 | 807.63 | | 160 |
| 650 | 26 | 26 | 660 | 0.250 | 6.35 | 68.82 | 102.42 | | |
| 650 | 26 | 26 | 660 | 0.281 | 7.14 | 77.26 | 115.02 | | |
| 650 | 26 | 26 | 660 | 0.312 | 7.92 | 85.68 | 127.43 | | 10 |
| 650 | 26 | 26 | 660 | 0.344 | 8.74 | 94.35 | 140.45 | | |
| 650 | 26 | 26 | 660 | 0.375 | 9.52 | 102.72 | 152.80 | STD | |
| 650 | 26 | 26 | 660 | 0.406 | 10.31 | 111.08 | 165.28 | | |
| 650 | 26 | 26 | 660 | 0.438 | 11.13 | 119.69 | 178.20 | | |
| 650 | 26 | 26 | 660 | 0.469 | 11.91 | 128.00 | 190.46 | | |
| 650 | 26 | 26 | 660 | 0.500 | 12.70 | 136.30 | 202.85 | XS | 20 |
| 650 | 26 | 26 | 660 | 0.562 | 14.27 | 152.83 | 227.37 | | |