

| PIPE SIZE | O.D. (Inches) | SCH 5s         | SCH 5         | SCH 10s        | SCH 10         | SCH 20          | SCH 30         | SCH 40         | STD             | SCH 60          | SCH 80          | SCH XH          | SCH 100         | SCH 120         | SCH 140         | SCH 160        | XXH           |
|-----------|---------------|----------------|---------------|----------------|----------------|-----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|---------------|
| 1/8       | .405          |                | .035<br>.1383 | .049<br>.1863  | .049<br>.1863  |                 |                | .068<br>.2447  | .068<br>.2447   |                 | .095<br>.3145   | .095<br>.3145   |                 |                 |                 |                |               |
| 1/4       | .540          |                | .049<br>.2570 | .065<br>.3297  | .065<br>.3297  |                 |                | .088<br>.4248  | .088<br>.4248   |                 | .119<br>.5351   | .119<br>.5351   |                 |                 |                 |                |               |
| 3/8       | .675          |                | .049<br>.3276 | .065<br>.4235  | .065<br>.4235  |                 |                | .091<br>.5676  | .091<br>.5676   |                 | .126<br>.7388   | .126<br>.7388   |                 |                 |                 |                |               |
| 1/2       | .840          | .065<br>.5383  | .065<br>.5380 | .083<br>.6710  | .083<br>.6710  |                 |                | .109<br>.8510  | .109<br>.8510   |                 | .147<br>.1088   | .147<br>.1088   |                 |                 |                 | .188<br>.1304  | .294<br>.1714 |
| 3/4       | 1.050         | .065<br>.6838  | .065<br>.6838 | .083<br>.8572  | .083<br>.8572  |                 |                | .113<br>.1131  | .113<br>.1131   |                 | .154<br>.1474   | .154<br>.1474   |                 |                 |                 | .219<br>.1937  | .308<br>.2441 |
| 1         | 1.315         | .065<br>.8678  | .065<br>.8678 | .109<br>.1404  | .109<br>.1404  |                 |                | .133<br>.11679 | .133<br>.1679   |                 | .179<br>.2172   | .179<br>.2172   |                 |                 |                 | .250<br>.2844  | .358<br>.3659 |
| 1 1/4     | 1.660         | .065<br>.1107  | .065<br>.1107 | .109<br>.1806  | .109<br>.1806  |                 |                | .140<br>.2273  | .140<br>.2273   |                 | .191<br>.2997   | .191<br>.2997   |                 |                 |                 | .250<br>.3765  | .382<br>.5214 |
| 1 1/2     | 1.900         | .065<br>.1274  | .065<br>.1274 | .109<br>.2085  | .109<br>.2085  |                 |                | .145<br>.2718  | .145<br>.2718   |                 | .200<br>.3631   | .200<br>.3631   |                 |                 |                 | .281<br>.4859  | .400<br>.6408 |
| 2         | 2.375         | .065<br>.1604  | .065<br>.1604 | .109<br>.2638  | .109<br>.2638  |                 |                | .154<br>.3653  | .154<br>.3653   |                 | .218<br>.5022   | .218<br>.5022   |                 |                 |                 | .344<br>.7444  | .436<br>.9029 |
| 2 1/2     | 2.875         | .083<br>.2475  | .083<br>.2475 | .120<br>.3531  | .120<br>.3531  |                 |                | .203<br>.5793  | .203<br>.5793   |                 | .276<br>.7661   | .276<br>.7661   |                 |                 |                 | .375<br>.1001  | .552<br>.1370 |
| 3         | 3.5           | .083<br>.3029  | .083<br>.3029 | .120<br>.4332  | .120<br>.4332  |                 |                | .216<br>.7576  | .216<br>.7576   |                 | .300<br>.1025   | .300<br>.1025   |                 |                 |                 | .438<br>.1432  | .600<br>.1858 |
| 3 1/2     | 4.0           | .083<br>.3472  | .083<br>.3472 | .120<br>.4973  | .120<br>.4973  |                 |                | .226<br>.9109  | .226<br>.9109   |                 | .318<br>.1251   | .318<br>.1251   |                 |                 |                 |                | .636<br>.2285 |
| 4         | 4.5           | .083<br>.3915  | .083<br>.3915 | .120<br>.5613  | .120<br>.5613  |                 |                | .237<br>.1079  | .237<br>.1079   | .281<br>.1266   | .337<br>.1498   | .337<br>.1498   |                 | .438<br>.1900   |                 | .531<br>.2251  | .674<br>.2754 |
| 4 1/2     | 5.0           |                |               |                |                |                 |                | .247<br>.1253  |                 |                 |                 | .335<br>.1761   |                 |                 |                 |                | .710<br>.3253 |
| 5         | 5.563         | .109<br>.6349  | .109<br>.6349 | .134<br>.7770  | .134<br>.7770  |                 |                | .258<br>.1462  | .258<br>.1462   |                 | .375<br>.2078   | .375<br>.2078   |                 | .500<br>.2704   |                 | .625<br>.3296  | .750<br>.3855 |
| 6         | 6.625         | .109<br>.7585  | .109<br>.7585 | .134<br>.9290  | .134<br>.9289  |                 |                | .280<br>.1897  | .280<br>.1897   |                 | .432<br>.2857   | .432<br>.2857   |                 | .562<br>.3639   |                 | .719<br>.4530  | .864<br>.5316 |
| 7         | 7.625         |                |               |                |                |                 |                | .301<br>.2357  |                 |                 |                 | .500<br>.3805   |                 |                 |                 |                | .875<br>.6308 |
| 8         | 8.625         | .109<br>.9914  | .109<br>.9914 | .148<br>.1340  | .148<br>.1340  | .250<br>.2236   | .277<br>.2470  | .322<br>.2855  | .322<br>.2855   | .406<br>.3564   | .500<br>.4339   | .500<br>.4339   | .594<br>.5087   | .719<br>.6063   | .812<br>.6776   | .906<br>.7469  | .875<br>.7242 |
| 9         | 9.625         |                |               |                |                |                 |                | .342<br>.3390  |                 |                 |                 | .500<br>.4872   |                 |                 |                 |                |               |
| 10        | 10.75         | .134<br>.1519  | .134<br>.1519 | .165<br>.1865  | .165<br>.1870  | .250<br>.2804   | .307<br>.3424  | .365<br>.4048  | .365<br>.4048   | .500<br>.5474   | .594<br>.6433   | .500<br>.5474   | .719<br>.7693   | .844<br>.8920   | 1.000<br>104.1  | 1.125<br>115.6 |               |
| 11        | 11.75         |                |               |                |                |                 |                |                |                 |                 |                 | .500<br>.6007   |                 |                 |                 |                |               |
| 12        | 12.75         | .156<br>.2107  | .165<br>.2218 | .188<br>.2416  | .180<br>.2420  | .250<br>.3338   | .330<br>.4377  | .406<br>.5353  | .375<br>.4956   | .562<br>.7316   | .688<br>.8851   | .500<br>.6542   | .844<br>.107.2  | 1.000<br>125.5  | 1.125<br>139.7  | 1.312<br>160.3 |               |
| 14        | 14.0          | .156<br>.2307  |               | .180<br>.2773  | .250<br>.36.71 | .312<br>.45.68  | .375<br>.54.57 | .438<br>.63.37 | .375<br>.54.57  | .594<br>.84.91  | .750<br>.106.1  | .500<br>.72.09  | .938<br>.130.7  | 1.094<br>150.7  | 1.250<br>170.2  | 1.406<br>189.1 |               |
| 16        | 16.0          | .165<br>.2790  |               | .188<br>.31.75 | .250<br>.42.05 | .312<br>.52.36  | .375<br>.62.58 | .500<br>.82.77 | .375<br>.62.58  | .656<br>.107.5  | .844<br>.136.5  | .500<br>.82.77  | 1.031<br>.164.8 | 1.219<br>192.3  | 1.438<br>223.5  | 1.594<br>245.1 |               |
| 18        | 18.0          | .165<br>.31.43 |               | .188<br>.35.76 | .250<br>.47.39 | .312<br>.59.03  | .375<br>.82.06 | .562<br>.104.8 | .375<br>.70.59  | .750<br>.138.2  | .938<br>.170.8  | .500<br>.93.45  | 1.156<br>208.0  | 1.375<br>244.1  | 1.562<br>274.2  | 1.781<br>308.5 |               |
| 20        | 20.0          | .188<br>.39.78 |               | .218<br>.46.05 | .250<br>.75.73 | .375<br>.78.60  | .500<br>.104.1 | .594<br>.122.9 | .375<br>.78.60  | .812<br>.166.4  | 1.031<br>.208.9 | .500<br>.104.1  | 1.281<br>256.1  | 1.500<br>296.4  | 1.750<br>341.1  | 1.969<br>379.0 |               |
| 22        | 22.0          |                |               | .250<br>.58.07 | .375<br>.86.61 | .500<br>.114.81 |                | .375<br>.86.61 | .875<br>.197.42 | 1.125<br>250.82 | .500<br>114.81  | 1.375<br>302.88 | 1.625<br>353.61 | 1.875<br>403.01 | 2.125<br>451.07 |                |               |
| 24        | 24.0          | .218<br>.55.37 |               | .250<br>.63.41 | .375<br>.63.41 | .562<br>.94.62  | .688<br>140.8  | .375<br>171.2  | .969<br>94.62   | 1.219<br>238.1  | .500<br>296.4   | 1.531<br>367.4  | 1.812<br>429.4  | 2.062<br>483.1  | 2.344<br>541.9  |                |               |

Upper Figures: Wall Thickness in Inches • Lower Figures: Weight Per Foot in Pounds

SEAMLESS CARBON STEEL TABLE

| NORMAL PIPE SIZE | MAXIMUM ALLOWABLE WORKING PRESSURES AT -20F TO 650F ▶ |        |        |          |        |        |      |        |         |         |         |         |      |      |
|------------------|---|--------|--------|----------|--------|--------|------|--------|---------|---------|---------|---------|------|------|
|                  | SCH 10  | SCH 20 | SCH 30 | STD WALL | SCH 40 | SCH 60 | XH   | SCH 80 | SCH 100 | SCH 120 | SCH 140 | SCH 160 | XXH  |      |
| 1/2              | —   | —      | —      | 1694     | 1694   | —      | 3036 | 3036   | —       | —       | —       | —       | 4551 | 9223 |
| 3/4              | 659   | —      | —      | 1450     | 1450   | —      | 2589 | 2589   | —       | —       | —       | —       | 4505 | 7531 |
| 1                | 1065  | —      | —      | 1578     | 1578   | —      | 2601 | 2601   | —       | —       | —       | —       | 4290 | 7150 |
| 1 1/4            | 556   | —      | —      | 1069     | 1069   | —      | 1941 | 1941   | —       | —       | —       | —       | 3001 | 5593 |
| 1 1/2            | 486   | —      | —      | 1004     | 1004   | —      | 1821 | 1821   | —       | —       | —       | —       | 3091 | 5114 |
| 2                | 388   | —      | —      | 903      | 903    | —      | 1659 | 1659   | —       | —       | —       | —       | 3225 | 4475 |
| 2 1/2            | 431   | —      | —      | 1214     | 1214   | —      | 1936 | 1936   | —       | —       | —       | —       | 2963 | 4936 |
| 3                | 346   | —      | —      | 1094     | 1094   | —      | 1773 | 1773   | —       | —       | —       | —       | 2933 | 4405 |
| 3 1/2            | 303   | —      | —      | 1023     | 1023   | —      | 1671 | 1671   | —       | —       | —       | —       | —    | —    |
| 4                | 269   | —      | —      | 974      | 974    | —      | 1598 | 1598   | —       | 2243    | —       | —       | 2868 | 3858 |
| 5                | 284   | —      | —      | 888      | 888    | —      | 1475 | 1475   | —       | 2123    | —       | —       | 2791 | 3485 |
| 6                | 239   | —      | —      | 833      | 833    | —      | 1473 | 1473   | —       | 2038    | —       | —       | 2738 | 3414 |
| 8                | 225   | 543    | 628    | 770      | 1038   | 1343   | 1343 | 1649   | 2068    | 2388    | 2715    | 2605    | —    | —    |
| 10               | 224   | 434    | 578    | 723      | 723    | 1070   | 1070 | 1311   | 1641    | 1975    | 2406    | 2754    | —    | —    |
| 12               | 219   | 366    | 534    | 630      | 696    | 1033   | 898  | 1305   | 1653    | 2009    | 2295    | 2735    | —    | —    |
| 14               | 333   | 451    | 573    | 573      | 693    | 999    | 816  | 1311   | 1690    | 2013    | 2341    | 2675    | —    | —    |
| 16               | 291   | 395    | 500    | 500      | 711    | 980    | 711  | 1305   | 1638    | 1975    | 2378    | 2669    | —    | —    |
| 18               | 258   | 350    | 538    | 444      | 725    | 1013   | 631  | 1303   | 1648    | 1998    | 2303    | 2665    | —    | —    |
| 20               | 233   | 399    | 568    | 399      | 693    | 995    | 568  | 1299   | 1653    | 1970    | 2336    | 2663    | —    | —    |
| 22               | 211   | —      | —      | 363      | —      | —      | 515  | —      | —       | —       | —       | —       | —    | —    |
| 24               | 194   | 331    | 541    | 331      | 683    | 1004   | 471  | 1295   | 1664    | 2003    | 2309    | 2656    | —    | —    |
| 26               | —   | —      | —      | —        | 306    | —      | —    | 435    | —       | —       | —       | —       | —    | —    |
| 30               | 209   | 376    | 488    | 265      | —      | —      | —    | 376    | —       | —       | —       | —       | —    | —    |
| 36               | —   | —      | —      | —        | 220    | —      | —    | —      | —       | —       | —       | —       | —    | —    |
| 42               | —   | —      | —      | —        | 189    | —      | —    | —      | —       | —       | —       | —       | —    | —    |

▶ For allowable working pressures at higher temperatures, multiply listed values by the following factors:

| GRADE A         |      |      |      |      | GRADE B |                 |      |      |      |      |      |
|-----------------|------|------|------|------|---------|-----------------|------|------|------|------|------|
| Temperature     | 700F | 750F | 800F | 850F | 900F    | Temperature     | 700F | 750F | 800F | 850F | 900F |
| Multiply Factor | .971 | .892 | .760 | .708 | .417    | Multiply Factor | .956 | .863 | .720 | .520 | .333 |

■ Schedule 10 starts with the 14" size.