

| NPS<br>OD<br>MM | NPS/OD<br>MM             | SCH. NO. | WALL   |       | WEIGHT<br>FOOT | ID | SECTION<br>MODULUS |
|-----------------|--------------------------|----------|--------|-------|----------------|----|--------------------|
|                 |                          |          | IN     | MM    |                |    |                    |
| NPS<br>OD<br>MM | 60<br>60.000<br>1524.0   | STD      | 0.250  | 6.35  | 159.53         |    | 698.200            |
|                 |                          |          | 0.312  | 7.92  | 198.89         |    | 868.680            |
|                 |                          |          | 0.375  | 9.53  | 238.80         |    | 1040.04            |
|                 |                          |          | 0.438  | 11.13 | 278.62         |    | 1210.51            |
|                 |                          | XHY      | 0.500  | 12.70 | 317.73         |    | 1379.32            |
|                 |                          |          | 0.562  | 14.27 | 356.76         |    | 1546.65            |
|                 |                          |          | 0.625  | 15.88 | 396.33         |    | 1713.10            |
|                 |                          |          | 0.688  | 17.48 | 435.82         |    | 1879.84            |
|                 |                          |          | 0.750  | 19.05 | 474.59         |    | 2042.85            |
|                 |                          |          | 0.875  | 22.23 | 552.52         |    | 2366.82            |
|                 | 1.000                    | 25.40    | 630.12 |       | 2689.80        |    |                    |
| NPS<br>OD<br>MM | 66<br>66.000<br>1676.4   | STD      | 0.250  | 6.35  | 175.55         |    | 845.85             |
|                 |                          |          | 0.312  | 7.92  | 218.87         |    | 1052.65            |
|                 |                          |          | 0.375  | 9.53  | 262.83         |    | 1261.58            |
|                 |                          |          | 0.438  | 11.13 | 306.70         |    | 1469.26            |
|                 |                          | XHY      | 0.500  | 12.70 | 349.77         |    | 1672.54            |
|                 |                          |          | 0.562  | 14.27 | 392.76         |    | 1874.60            |
|                 |                          |          | 0.625  | 15.88 | 436.79         |    | 2078.81            |
|                 |                          |          | 0.688  | 17.48 | 479.91         |    | 2281.78            |
|                 |                          |          | 0.750  | 19.05 | 522.65         |    | 2480.38            |
|                 |                          |          | 0.875  | 22.23 | 608.59         |    | 2877.33            |
|                 | 1.000                    | 25.40    | 694.20 |       | 3269.84        |    |                    |
| NPS<br>OD<br>MM | 72<br>72.000<br>1828.8   | STD      | 0.250  | 6.35  | 191.57         |    | 1007.63            |
|                 |                          |          | 0.375  | 9.53  | 287.24         |    | 1503.53            |
|                 |                          |          | 0.500  | 12.70 | 381.81         |    | 1994.25            |
|                 |                          |          | 0.750  | 19.05 | 570.71         |    | 2960.24            |
|                 |                          |          | 1.000  | 25.40 | 758.28         |    | 3906.00            |
| NPS<br>OD<br>MM | 78<br>78.000<br>1981.2   | STD      | 0.250  | 6.35  | 207.59         |    | 1183.51            |
|                 |                          |          | 0.375  | 9.53  | 311.30         |    | 1766.68            |
|                 |                          |          | 0.500  | 12.70 | 413.85         |    | 2344.23            |
|                 |                          |          | 0.750  | 19.05 | 678.77         |    | 3482.56            |
| NPS<br>OD<br>MM | 84<br>84.000<br>2133.6   | STD      | 0.250  | 6.35  | 223.61         |    | 1373.52            |
|                 |                          |          | 0.375  | 9.53  | 335.36         |    | 2051.04            |
|                 |                          |          | 0.500  | 12.70 | 445.89         |    | 2722.50            |
|                 |                          |          | 0.750  | 19.05 | 666.83         |    | 4047.31            |
|                 |                          |          | 1.000  | 25.40 | 866.44         |    | 5348.36            |
| NPS<br>OD<br>MM | 90<br>90.000<br>2286.0   | STD      | 0.250  | 6.35  | 239.63         |    | 1577.58            |
|                 |                          |          | 0.375  | 9.53  | 359.42         |    | 2356.62            |
|                 |                          |          | 0.500  | 12.70 | 477.93         |    | 3030.84            |
|                 |                          |          | 0.750  | 19.05 | 714.89         |    | 4654.48            |
|                 |                          |          | 1.000  | 25.40 | 950.52         |    | 6154.29            |
| NPS<br>OD<br>MM | 96<br>96.000<br>2438.4   | STD      | 0.250  | 6.35  | 255.65         |    | 1903.02            |
|                 |                          |          | 0.375  | 9.53  | 383.48         |    | 2863.41            |
|                 |                          |          | 0.500  | 12.70 | 509.97         |    | 3563.87            |
|                 |                          |          | 0.750  | 19.05 | 762.95         |    | 5304.08            |
|                 |                          |          | 1.000  | 25.40 | 1014.60        |    | 7016.97            |
| NPS<br>OD<br>MM | 102<br>102.000<br>2590.8 | STD      | 0.250  | 6.35  | 271.67         |    | 2028.42            |
|                 |                          |          | 0.375  | 9.53  | 407.54         |    | 3031.40            |
|                 |                          |          | 0.500  | 12.70 | 542.01         |    | 4026.89            |
|                 |                          |          | 0.750  | 19.05 | 811.01         |    | 5996.09            |
|                 |                          |          | 1.000  | 25.40 | 1078.68        |    | 7936.03            |
| NPS<br>OD<br>MM | 108<br>108.000<br>2743.2 | STD      | 0.250  | 6.35  | 287.69         |    | 2274.99            |
|                 |                          |          | 0.375  | 9.53  | 431.60         |    | 3400.61            |
|                 |                          |          | 0.500  | 12.70 | 574.05         |    | 4518.38            |
|                 |                          |          | 0.750  | 19.05 | 859.07         |    | 6730.53            |
|                 |                          |          | 1.000  | 25.40 | 1142.76        |    | 8911.55            |
| NPS<br>OD<br>MM | 120<br>120.000<br>3048.0 | STD      | 0.250  | 6.35  | 319.73         |    | 2810.48            |
|                 |                          |          | 0.375  | 9.53  | 479.72         |    | 4202.66            |
|                 |                          |          | 0.500  | 12.70 | 638.13         |    | 5586.01            |
|                 |                          |          | 0.750  | 19.05 | 955.19         |    | 8326.77            |
|                 |                          |          | 1.000  | 25.40 | 1270.92        |    | 11032.98           |
| NPS<br>OD<br>MM | 144<br>144.000<br>3657.6 | STD      | 0.375  | 9.53  | 575.96         |    | 6061.30            |
|                 |                          |          | 0.500  | 12.70 | 766.29         |    | 8060.32            |
|                 |                          |          | 0.750  | 19.05 | 1147.43        |    | 12028.03           |
|                 |                          |          | 1.000  | 25.40 | 1527.24        |    | 15953.87           |