

DIAMETER — Inches

| Lgth. | 1" | 2" | 3" | 4" | 5" | 6" | 7" |
|-------|----|----|----|----|----|----|----|
| 1' | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2' | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3' | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4' | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 5' | 0 | 0 | 0 | 0 | 10 | 10 | 10 |
| 6' | 0 | 0 | 0 | 0 | 10 | 10 | 10 |
| 7' | 0 | 0 | 0 | 0 | 10 | 10 | 10 |
| 8' | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 9' | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 10' | 0 | 0 | 0 | 10 | 10 | 10 | 10 |
| 11' | 0 | 0 | 0 | 10 | 10 | 10 | 20 |
| 12' | 0 | 0 | 0 | 10 | 10 | 10 | 20 |
| 13' | 0 | 0 | 10 | 10 | 10 | 20 | 20 |
| 14' | 0 | 0 | 10 | 10 | 10 | 20 | 20 |
| 15' | 0 | 0 | 10 | 10 | 20 | 20 | 20 |
| 16' | 0 | 0 | 10 | 10 | 20 | 20 | 30 |
| 17' | 0 | 0 | 10 | 10 | 20 | 20 | 30 |
| 18' | 0 | 0 | 10 | 10 | 20 | 20 | 30 |
| 19' | 0 | 0 | 10 | 10 | 20 | 20 | 30 |
| 20' | 0 | 0 | 10 | 10 | 20 | 20 | 30 |
| 21' | 0 | 0 | 10 | 10 | 20 | 30 | 30 |
| 22' | 0 | 0 | 10 | 10 | 20 | 30 | 40 |
| 23' | 0 | 0 | 10 | 20 | 20 | 30 | 40 |
| 24' | 0 | 0 | 10 | 20 | 30 | 30 | 40 |
| 25' | 0 | 0 | 10 | 20 | 30 | 30 | 40 |
| 26' | 0 | 0 | 10 | 20 | 30 | 30 | 40 |
| 27' | 0 | 0 | 10 | 20 | 30 | 30 | 40 |
| 28' | 0 | 0 | 10 | 20 | 30 | 30 | 50 |
| 29' | 0 | 0 | 10 | 20 | 30 | 40 | 50 |
| 30' | 0 | 0 | 10 | 20 | 30 | 40 | 50 |
| 31' | 0 | 0 | 10 | 20 | 30 | 40 | 50 |
| 32' | 0 | 0 | 10 | 20 | 30 | 50 | 60 |
| 33' | 0 | 0 | 10 | 20 | 40 | 50 | 60 |
| 34' | 0 | 0 | 10 | 20 | 40 | 50 | 60 |
| 35' | 0 | 10 | 10 | 20 | 40 | 50 | 60 |
| 36' | 0 | 10 | 10 | 20 | 40 | 60 | 60 |
| 37' | 0 | 10 | 10 | 30 | 40 | 60 | 70 |
| 38' | 0 | 10 | 10 | 30 | 40 | 60 | 70 |
| 39' | 0 | 10 | 20 | 30 | 40 | 60 | 70 |
| 40' | 0 | 10 | 20 | 30 | 40 | 60 | 70 |
| Lgth. | 1" | 2" | 3" | 4" | 5" | 6" | 7" |

DIAMETER — Inches

| Lgth. | 15" | 16" | 17" | 18" | 19" | 20" | 21" |
|-------|-----|-----|-----|-----|-----|-----|-----|
| 1' | 10 | 10 | 10 | 10 | 10 | 20 | 20 |
| 2' | 20 | 20 | 20 | 30 | 30 | 30 | 40 |
| 3' | 30 | 30 | 30 | 40 | 40 | 50 | 60 |
| 4' | 40 | 40 | 50 | 50 | 60 | 70 | 80 |
| 5' | 40 | 50 | 60 | 70 | 70 | 90 | 90 |
| 6' | 50 | 60 | 70 | 80 | 90 | 100 | 110 |
| 7' | 60 | 70 | 80 | 90 | 100 | 120 | 130 |
| 8' | 70 | 80 | 90 | 110 | 120 | 140 | 150 |
| 9' | 80 | 90 | 100 | 120 | 130 | 160 | 170 |
| 10' | 90 | 100 | 120 | 130 | 150 | 170 | 190 |
| 11' | 100 | 110 | 130 | 150 | 160 | 190 | 210 |
| 12' | 110 | 120 | 140 | 160 | 180 | 210 | 230 |
| 13' | 120 | 130 | 150 | 170 | 190 | 230 | 250 |
| 14' | 120 | 140 | 160 | 190 | 210 | 240 | 270 |
| 15' | 130 | 150 | 170 | 200 | 220 | 260 | 280 |
| 16' | 140 | 160 | 180 | 210 | 240 | 280 | 300 |
| 17' | 150 | 170 | 200 | 230 | 250 | 300 | 320 |
| 18' | 160 | 180 | 210 | 240 | 270 | 310 | 340 |
| 19' | 170 | 190 | 220 | 250 | 280 | 330 | 360 |
| 20' | 180 | 200 | 230 | 270 | 300 | 350 | 380 |
| 21' | 190 | 210 | 240 | 280 | 310 | 370 | 400 |
| 22' | 200 | 220 | 250 | 290 | 330 | 380 | 420 |
| 23' | 200 | 230 | 270 | 310 | 340 | 400 | 440 |
| 24' | 210 | 240 | 280 | 320 | 360 | 420 | 460 |
| 25' | 220 | 250 | 290 | 330 | 370 | 440 | 470 |
| 26' | 230 | 260 | 300 | 350 | 390 | 450 | 490 |
| 27' | 240 | 270 | 310 | 360 | 400 | 470 | 510 |
| 28' | 250 | 280 | 320 | 370 | 420 | 490 | 530 |
| 29' | 260 | 290 | 330 | 390 | 430 | 510 | 550 |
| 30' | 270 | 300 | 350 | 400 | 450 | 520 | 570 |
| 31' | 280 | 310 | 360 | 410 | 460 | 540 | 590 |
| 32' | 280 | 320 | 370 | 430 | 480 | 560 | 610 |
| 33' | 290 | 330 | 380 | 440 | 490 | 580 | 630 |
| 34' | 300 | 340 | 390 | 450 | 510 | 590 | 650 |
| 35' | 310 | 350 | 400 | 470 | 520 | 610 | 660 |
| 36' | 320 | 360 | 420 | 480 | 540 | 630 | 680 |
| 37' | 330 | 370 | 430 | 490 | 550 | 650 | 700 |
| 38' | 340 | 380 | 440 | 510 | 570 | 660 | 720 |
| 39' | 350 | 390 | 450 | 520 | 580 | 680 | 740 |
| 40' | 360 | 400 | 460 | 530 | 600 | 700 | 760 |
| Lgth. | 15" | 16" | 17" | 18" | 19" | 20" | 21" |

DIAMETER — Inches

| Lgth. | 8" | 9" | 10" | 11" | 12" | 13" | 14" |
|-------|----|-----|-----|-----|-----|-----|-----|
| 1' | 0 | 0 | 0 | 0 | 0 | 10 | 10 |
| 2' | 0 | 0 | 10 | 10 | 10 | 10 | 10 |
| 3' | 0 | 10 | 10 | 10 | 10 | 20 | 20 |
| 4' | 10 | 10 | 10 | 10 | 20 | 20 | 30 |
| 5' | 10 | 10 | 20 | 20 | 20 | 30 | 40 |
| 6' | 10 | 10 | 20 | 20 | 30 | 40 | 40 |
| 7' | 10 | 10 | 20 | 30 | 30 | 40 | 50 |
| 8' | 10 | 20 | 30 | 30 | 40 | 50 | 60 |
| 9' | 10 | 20 | 30 | 30 | 40 | 50 | 60 |
| 10' | 20 | 20 | 30 | 40 | 50 | 60 | 70 |
| 11' | 20 | 20 | 30 | 40 | 50 | 70 | 80 |
| 12' | 20 | 30 | 40 | 40 | 60 | 70 | 90 |
| 13' | 20 | 30 | 40 | 50 | 60 | 80 | 90 |
| 14' | 20 | 30 | 40 | 50 | 70 | 80 | 100 |
| 15' | 20 | 30 | 50 | 60 | 70 | 90 | 110 |
| 16' | 30 | 40 | 60 | 70 | 80 | 100 | 110 |
| 17' | 30 | 40 | 60 | 70 | 80 | 100 | 120 |
| 18' | 30 | 40 | 60 | 80 | 90 | 110 | 130 |
| 19' | 40 | 50 | 70 | 80 | 90 | 110 | 140 |
| 20' | 40 | 50 | 70 | 80 | 100 | 120 | 140 |
| 21' | 40 | 50 | 70 | 90 | 100 | 130 | 150 |
| 22' | 40 | 50 | 80 | 90 | 110 | 130 | 160 |
| 23' | 40 | 60 | 80 | 100 | 110 | 140 | 160 |
| 24' | 40 | 60 | 90 | 100 | 120 | 150 | 170 |
| 25' | 50 | 60 | 90 | 100 | 120 | 150 | 180 |
| 26' | 50 | 60 | 90 | 110 | 130 | 160 | 190 |
| 27' | 50 | 70 | 100 | 110 | 130 | 160 | 190 |
| 28' | 50 | 70 | 100 | 120 | 140 | 170 | 200 |
| 29' | 50 | 70 | 100 | 120 | 140 | 180 | 210 |
| 30' | 60 | 70 | 110 | 130 | 150 | 180 | 210 |
| 31' | 60 | 70 | 110 | 130 | 150 | 190 | 220 |
| 32' | 70 | 90 | 120 | 140 | 160 | 190 | 230 |
| 33' | 70 | 100 | 130 | 150 | 160 | 200 | 240 |
| 34' | 70 | 100 | 130 | 150 | 170 | 210 | 240 |
| 35' | 80 | 100 | 130 | 160 | 170 | 210 | 250 |
| 36' | 80 | 100 | 140 | 160 | 180 | 220 | 260 |
| 37' | 80 | 110 | 140 | 170 | 180 | 220 | 260 |
| 38' | 80 | 110 | 140 | 170 | 190 | 230 | 270 |
| 39' | 90 | 110 | 150 | 180 | 190 | 240 | 280 |
| 40' | 90 | 120 | 150 | 180 | 200 | 240 | 290 |
| Lgth. | 8" | 9" | 10" | 11" | 12" | 13" | 14" |

DIAMETER — Inches

| Lgth. | 22" | 23" | 24" | 25" | 26" | 27" | 28" |
|-------|-----|-----|------|------|------|------|------|
| 1' | 20 | 20 | 30 | 30 | 30 | 30 | 40 |
| 2' | 40 | 50 | 50 | 60 | 60 | 70 | 70 |
| 3' | 60 | 70 | 80 | 90 | 90 | 100 | 110 |
| 4' | 80 | 90 | 100 | 110 | 120 | 140 | 150 |
| 5' | 100 | 120 | 130 | 140 | 160 | 170 | 180 |
| 6' | 130 | 140 | 150 | 170 | 190 | 210 | 220 |
| 7' | 150 | 160 | 180 | 200 | 220 | 240 | 250 |
| 8' | 170 | 190 | 200 | 230 | 250 | 270 | 290 |
| 9' | 190 | 210 | 230 | 260 | 280 | 310 | 330 |
| 10' | 210 | 240 | 250 | 290 | 310 | 340 | 360 |
| 11' | 230 | 260 | 280 | 320 | 340 | 380 | 400 |
| 12' | 250 | 280 | 300 | 340 | 370 | 410 | 440 |
| 13' | 270 | 310 | 330 | 370 | 410 | 440 | 470 |
| 14' | 290 | 330 | 350 | 400 | 440 | 480 | 510 |
| 15' | 310 | 350 | 380 | 430 | 470 | 510 | 550 |
| 16' | 330 | 380 | 400 | 460 | 500 | 550 | 580 |
| 17' | 350 | 400 | 430 | 490 | 530 | 580 | 620 |
| 18' | 380 | 420 | 450 | 520 | 560 | 620 | 650 |
| 19' | 400 | 450 | 480 | 540 | 590 | 650 | 690 |
| 20' | 420 | 470 | 500 | 570 | 620 | 680 | 730 |
| 21' | 440 | 490 | 530 | 600 | 660 | 720 | 760 |
| 22' | 460 | 520 | 550 | 630 | 690 | 750 | 800 |
| 23' | 480 | 540 | 580 | 660 | 720 | 790 | 840 |
| 24' | 500 | 560 | 610 | 690 | 750 | 820 | 870 |
| 25' | 520 | 590 | 630 | 720 | 780 | 860 | 910 |
| 26' | 540 | 610 | 660 | 750 | 810 | 890 | 950 |
| 27' | 560 | 630 | 680 | 770 | 840 | 920 | 980 |
| 28' | 580 | 660 | 710 | 800 | 870 | 960 | 1020 |
| 29' | 610 | 680 | 730 | 830 | 910 | 990 | 1050 |
| 30' | 630 | 710 | 760 | 860 | 940 | 1030 | 1090 |
| 31' | 650 | 730 | 780 | 890 | 970 | 1060 | 1130 |
| 32' | 670 | 750 | 810 | 920 | 1000 | 1100 | 1160 |
| 33' | 690 | 780 | 830 | 950 | 1030 | 1130 | 1200 |
| 34' | 710 | 800 | 860 | 980 | 1060 | 1160 | 1240 |
| 35' | 730 | 820 | 880 | 1000 | 1090 | 1200 | 1270 |
| 36' | 750 | 850 | 910 | 1030 | 1120 | 1230 | 1310 |
| 37' | 770 | 870 | 930 | 1060 | 1160 | 1270 | 1350 |
| 38' | 790 | 890 | 960 | 1090 | 1190 | 1300 | 1380 |
| 39' | 810 | 920 | 980 | 1120 | 1220 | 1330 | 1420 |
| 40' | 840 | 940 | 1010 | 1150 | 1250 | 1370 | 1460 |
| Lgth. | 22" | 23" | 24" | 25" | 26" | 27" | 28" |

DIAMETER — Inches

| Lgth. | 29" | 30" | 31" | 32" | 33" | 34" | 35" |
|-------|------|------|------|------|------|------|------|
| 1' | 40 | 40 | 40 | 50 | 50 | 50 | 50 |
| 2' | 80 | 80 | 90 | 90 | 100 | 100 | 110 |
| 3' | 110 | 120 | 130 | 140 | 150 | 150 | 160 |
| 4' | 150 | 160 | 180 | 180 | 200 | 200 | 220 |
| 5' | 190 | 210 | 220 | 230 | 240 | 250 | 270 |
| 6' | 230 | 250 | 270 | 280 | 290 | 300 | 330 |
| 7' | 270 | 290 | 310 | 320 | 340 | 350 | 380 |
| 8' | 300 | 330 | 360 | 370 | 390 | 400 | 440 |
| 9' | 340 | 370 | 400 | 410 | 440 | 450 | 490 |
| 10' | 380 | 410 | 440 | 460 | 490 | 500 | 550 |
| 11' | 420 | 450 | 490 | 510 | 540 | 550 | 600 |
| 12' | 460 | 490 | 530 | 550 | 590 | 600 | 660 |
| 13' | 490 | 530 | 580 | 600 | 640 | 650 | 710 |
| 14' | 530 | 570 | 620 | 640 | 690 | 700 | 770 |
| 15' | 570 | 620 | 670 | 690 | 730 | 750 | 820 |
| 16' | 610 | 660 | 710 | 740 | 780 | 800 | 880 |
| 17' | 650 | 700 | 750 | 780 | 830 | 850 | 930 |
| 18' | 680 | 740 | 800 | 830 | 880 | 900 | 980 |
| 19' | 720 | 780 | 840 | 870 | 930 | 950 | 1040 |
| 20' | 760 | 820 | 890 | 920 | 980 | 1000 | 1090 |
| 21' | 800 | 860 | 930 | 970 | 1030 | 1050 | 1150 |
| 22' | 840 | 900 | 980 | 1010 | 1080 | 1100 | 1200 |
| 23' | 870 | 940 | 1020 | 1060 | 1130 | 1150 | 1260 |
| 24' | 910 | 990 | 1070 | 1100 | 1180 | 1200 | 1310 |
| 25' | 950 | 1030 | 1110 | 1150 | 1220 | 1250 | 1370 |
| 26' | 990 | 1070 | 1150 | 1200 | 1270 | 1300 | 1420 |
| 27' | 1030 | 1110 | 1200 | 1240 | 1320 | 1350 | 1480 |
| 28' | 1070 | 1150 | 1240 | 1290 | 1370 | 1400 | 1530 |
| 29' | 1100 | 1190 | 1290 | 1330 | 1420 | 1450 | 1590 |
| 30' | 1140 | 1230 | 1330 | 1380 | 1470 | 1500 | 1640 |
| 31' | 1180 | 1270 | 1380 | 1430 | 1520 | 1550 | 1700 |
| 32' | 1220 | 1310 | 1420 | 1470 | 1570 | 1600 | 1750 |
| 33' | 1260 | 1350 | 1460 | 1520 | 1620 | 1650 | 1800 |
| 34' | 1290 | 1400 | 1510 | 1560 | 1670 | 1700 | 1860 |
| 35' | 1330 | 1440 | 1550 | 1610 | 1710 | 1750 | 1910 |
| 36' | 1370 | 1480 | 1600 | 1660 | 1760 | 1800 | 1970 |
| 37' | 1410 | 1520 | 1640 | 1700 | 1810 | 1850 | 2020 |
| 38' | 1450 | 1560 | 1690 | 1750 | 1860 | 1900 | 2080 |
| 39' | 1480 | 1600 | 1730 | 1790 | 1910 | 1950 | 2130 |
| 40' | 1520 | 1640 | 1780 | 1840 | 1960 | 2000 | 2190 |
| Lgth. | 29" | 30" | 31" | 32" | 33" | 34" | 35" |

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DIAMETER — Inches

| Lgth. | 43" | 44" | 45" | 46" | 47" | 48" | 49" |
|-------|------|------|------|------|------|------|------|
| 1' | 90 | 90 | 90 | 100 | 100 | 110 | 110 |
| 2' | 170 | 190 | 190 | 200 | 210 | 220 | 220 |
| 3' | 260 | 280 | 280 | 300 | 310 | 320 | 340 |
| 4' | 350 | 370 | 380 | 400 | 410 | 430 | 450 |
| 5' | 440 | 460 | 470 | 500 | 520 | 540 | 560 |
| 6' | 520 | 560 | 570 | 590 | 620 | 650 | 670 |
| 7' | 610 | 650 | 660 | 690 | 720 | 760 | 790 |
| 8' | 700 | 740 | 760 | 790 | 830 | 860 | 900 |
| 9' | 780 | 830 | 850 | 890 | 930 | 970 | 1010 |
| 10' | 870 | 930 | 950 | 990 | 1040 | 1080 | 1120 |
| 11' | 960 | 1020 | 1040 | 1090 | 1140 | 1190 | 1240 |
| 12' | 1050 | 1110 | 1140 | 1190 | 1240 | 1300 | 1350 |
| 13' | 1130 | 1200 | 1230 | 1290 | 1350 | 1400 | 1460 |
| 14' | 1220 | 1300 | 1330 | 1390 | 1450 | 1510 | 1570 |
| 15' | 1310 | 1390 | 1420 | 1490 | 1550 | 1620 | 1680 |
| 16' | 1400 | 1480 | 1520 | 1590 | 1660 | 1730 | 1800 |
| 17' | 1480 | 1570 | 1610 | 1680 | 1760 | 1840 | 1910 |
| 18' | 1570 | 1670 | 1710 | 1780 | 1860 | 1940 | 2020 |
| 19' | 1660 | 1760 | 1800 | 1880 | 1970 | 2050 | 2130 |
| 20' | 1740 | 1850 | 1900 | 1980 | 2070 | 2160 | 2250 |
| 21' | 1830 | 1940 | 1990 | 2080 | 2170 | 2270 | 2360 |
| 22' | 1920 | 2040 | 2090 | 2180 | 2280 | 2380 | 2470 |
| 23' | 2010 | 2130 | 2180 | 2280 | 2380 | 2480 | 2580 |
| 24' | 2090 | 2220 | 2280 | 2380 | 2480 | 2590 | 2700 |
| 25' | 2180 | 2310 | 2370 | 2480 | 2590 | 2700 | 2810 |
| 26' | 2270 | 2410 | 2470 | 2580 | 2690 | 2810 | 2920 |
| 27' | 2350 | 2500 | 2560 | 2680 | 2790 | 2920 | 3030 |
| 28' | 2440 | 2590 | 2660 | 2770 | 2900 | 3030 | 3140 |
| 29' | 2530 | 2680 | 2750 | 2870 | 3000 | 3130 | 3260 |
| 30' | 2620 | 2780 | 2850 | 2970 | 3110 | 3240 | 3370 |
| 31' | 2700 | 2870 | 2940 | 3070 | 3210 | 3350 | 3480 |
| 32' | 2790 | 2960 | 3040 | 3170 | 3310 | 3460 | 3590 |
| 33' | 2880 | 3050 | 3130 | 3270 | 3420 | 3560 | 3710 |
| 34' | 2960 | 3150 | 3230 | 3370 | 3520 | 3670 | 3820 |
| 35' | 3050 | 3240 | 3320 | 3470 | 3620 | 3780 | 3930 |
| 36' | 3140 | 3330 | 3420 | 3570 | 3730 | 3890 | 4040 |
| 37' | 3230 | 3420 | 3510 | 3670 | 3830 | 3990 | 4150 |
| 38' | 3310 | 3520 | 3610 | 3760 | 3930 | 4100 | 4270 |
| 39' | 3400 | 3610 | 3700 | 3860 | 4040 | 4210 | 4380 |
| 40' | 3490 | 3700 | 3800 | 3960 | 4140 | 4320 | 4490 |
| Lgth. | 43" | 44" | 45" | 46" | 47" | 48" | 49" |

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DIAMETER — Inches

| Lgth. | 36" | 37" | 38" | 39" | 40" | 41" | 42" |
|-------|------|------|------|------|------|------|------|
| 1' | 60 | 60 | 70 | 70 | 80 | 80 | 80 |
| 2' | 120 | 130 | 130 | 140 | 150 | 160 | 170 |
| 3' | 170 | 190 | 200 | 210 | 230 | 240 | 250 |
| 4' | 230 | 260 | 270 | 280 | 300 | 320 | 340 |
| 5' | 290 | 320 | 330 | 350 | 380 | 400 | 420 |
| 6' | 350 | 390 | 400 | 420 | 450 | 480 | 500 |
| 7' | 400 | 450 | 470 | 490 | 530 | 560 | 590 |
| 8' | 460 | 510 | 530 | 560 | 600 | 640 | 670 |
| 9' | 520 | 580 | 600 | 630 | 680 | 720 | 760 |
| 10' | 580 | 640 | 670 | 700 | 750 | 790 | 840 |
| 11' | 630 | 710 | 730 | 770 | 830 | 870 | 920 |
| 12' | 690 | 770 | 800 | 840 | 900 | 950 | 1010 |
| 13' | 750 | 840 | 870 | 910 | 980 | 1030 | 1090 |
| 14' | 810 | 900 | 930 | 980 | 1050 | 1110 | 1170 |
| 15' | 860 | 960 | 1000 | 1050 | 1130 | 1190 | 1260 |
| 16' | 920 | 1030 | 1070 | 1120 | 1200 | 1270 | 1340 |
| 17' | 980 | 1090 | 1130 | 1190 | 1280 | 1350 | 1430 |
| 18' | 1040 | 1160 | 1200 | 1260 | 1350 | 1430 | 1510 |
| 19' | 1100 | 1220 | 1270 | 1330 | 1430 | 1510 | 1590 |
| 20' | 1150 | 1290 | 1330 | 1400 | 1500 | 1590 | 1680 |
| 21' | 1210 | 1350 | 1400 | 1470 | 1580 | 1670 | 1760 |
| 22' | 1270 | 1420 | 1470 | 1540 | 1660 | 1750 | 1850 |
| 23' | 1330 | 1480 | 1530 | 1610 | 1730 | 1830 | 1930 |
| 24' | 1380 | 1540 | 1600 | 1680 | 1810 | 1910 | 2010 |
| 25' | 1440 | 1610 | 1670 | 1750 | 1880 | 1990 | 2100 |
| 26' | 1500 | 1670 | 1740 | 1820 | 1960 | 2070 | 2180 |
| 27' | 1560 | 1740 | 1800 | 1890 | 2030 | 2150 | 2270 |
| 28' | 1610 | 1800 | 1870 | 1960 | 2110 | 2230 | 2350 |
| 29' | 1670 | 1870 | 1940 | 2030 | 2180 | 2300 | 2430 |
| 30' | 1730 | 1930 | 2000 | 2100 | 2260 | 2380 | 2520 |
| 31' | 1790 | 1990 | 2070 | 2170 | 2330 | 2460 | 2600 |
| 32' | 1850 | 2060 | 2140 | 2240 | 2410 | 2540 | 2690 |
| 33' | 1900 | 2120 | 2200 | 2310 | 2480 | 2620 | 2770 |
| 34' | 1960 | 2190 | 2270 | 2380 | 2560 | 2700 | 2850 |
| 35' | 2020 | 2250 | 2340 | 2450 | 2630 | 2780 | 2940 |
| 36' | 2080 | 2320 | 2400 | 2520 | 2710 | 2860 | 3020 |
| 37' | 2130 | 2380 | 2470 | 2590 | 2780 | 2940 | 3100 |
| 38' | 2190 | 2440 | 2540 | 2660 | 2860 | 3020 | 3190 |
| 39' | 2250 | 2510 | 2600 | 2730 | 2930 | 3100 | 3270 |
| 40' | 2310 | 2570 | 2670 | 2800 | 3010 | 3180 | 3360 |
| Lgth. | 36" | 37" | 38" | 39" | 40" | 41" | 42" |

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DIAMETER — Inches

| Lgth. | 50" | 51" | 52" | 53" | 54" | 55" | 56" |
|-------|------|------|------|------|------|------|------|
| 1' | 120 | 120 | 130 | 130 | 140 | 140 | 150 |
| 2' | 230 | 240 | 250 | 260 | 270 | 280 | 290 |
| 3' | 350 | 360 | 380 | 390 | 410 | 420 | 440 |
| 4' | 470 | 490 | 510 | 530 | 550 | 570 | 590 |
| 5' | 580 | 610 | 630 | 660 | 680 | 710 | 730 |
| 6' | 700 | 730 | 760 | 790 | 820 | 850 | 880 |
| 7' | 820 | 850 | 890 | 920 | 960 | 990 | 1030 |
| 8' | 940 | 970 | 1010 | 1050 | 1090 | 1130 | 1180 |
| 9' | 1050 | 1090 | 1140 | 1180 | 1230 | 1270 | 1320 |
| 10' | 1170 | 1220 | 1270 | 1320 | 1370 | 1420 | 1470 |
| 11' | 1290 | 1340 | 1390 | 1450 | 1500 | 1560 | 1620 |
| 12' | 1400 | 1460 | 1520 | 1580 | 1640 | 1700 | 1760 |
| 13' | 1520 | 1580 | 1640 | 1710 | 1770 | 1840 | 1910 |
| 14' | 1640 | 1700 | 1770 | 1840 | 1910 | 1980 | 2060 |
| 15' | 1750 | 1820 | 1900 | 1970 | 2050 | 2120 | 2200 |
| 16' | 1870 | 1950 | 2020 | 2100 | 2180 | 2270 | 2350 |
| 17' | 1990 | 2070 | 2150 | 2240 | 2320 | 2410 | 2500 |
| 18' | 2110 | 2190 | 2280 | 2370 | 2460 | 2550 | 2640 |
| 19' | 2220 | 2310 | 2400 | 2500 | 2590 | 2690 | 2790 |
| 20' | 2340 | 2430 | 2530 | 2630 | 2730 | 2830 | 2940 |
| 21' | 2460 | 2550 | 2660 | 2760 | 2870 | 2970 | 3090 |
| 22' | 2570 | 2680 | 2780 | 2890 | 3000 | 3120 | 3230 |
| 23' | 2690 | 2800 | 2910 | 3020 | 3140 | 3260 | 3380 |
| 24' | 2810 | 2920 | 3040 | 3160 | 3280 | 3400 | 3530 |
| 25' | 2920 | 3040 | 3160 | 3290 | 3410 | 3540 | 3670 |
| 26' | 3040 | 3160 | 3290 | 3420 | 3550 | 3680 | 3820 |
| 27' | 3160 | 3280 | 3420 | 3550 | 3690 | 3820 | 3970 |
| 28' | 3280 | 3410 | 3540 | 3680 | 3820 | 3970 | 4110 |
| 29' | 3390 | 3530 | 3670 | 3810 | 3960 | 4110 | 4260 |
| 30' | 3510 | 3650 | 3800 | 3950 | 4100 | 4250 | 4410 |
| 31' | 3630 | 3770 | 3920 | 4080 | 4230 | 4390 | 4550 |
| 32' | 3740 | 3890 | 4050 | 4210 | 4370 | 4530 | 4700 |
| 33' | 3860 | 4010 | 4180 | 4340 | 4500 | 4670 | 4850 |
| 34' | 3980 | 4140 | 4300 | 4470 | 4640 | 4810 | 5000 |
| 35' | 4090 | 4260 | 4430 | 4600 | 4780 | 4960 | 5140 |
| 36' | 4210 | 4380 | 4550 | 4730 | 4910 | 5100 | 5290 |
| 37' | 4330 | 4500 | 4680 | 4870 | 5050 | 5240 | 5440 |
| 38' | 4450 | 4620 | | | | | |

DIAMETER – Inches

| Lgth. | 57" | 58" | 59" | 60" |
|-------|------|------|------|------|
| 1' | 150 | 160 | 160 | 170 |
| 2' | 300 | 320 | 330 | 340 |
| 3' | 460 | 470 | 490 | 510 |
| 4' | 610 | 630 | 650 | 680 |
| 5' | 760 | 790 | 820 | 840 |
| 6' | 910 | 950 | 980 | 1010 |
| 7' | 1070 | 1100 | 1140 | 1180 |
| 8' | 1220 | 1260 | 1310 | 1350 |
| 9' | 1370 | 1420 | 1470 | 1520 |
| 10' | 1520 | 1580 | 1630 | 1690 |
| 11' | 1670 | 1730 | 1800 | 1860 |
| 12' | 1830 | 1890 | 1960 | 2030 |
| 13' | 1980 | 2050 | 2120 | 2200 |
| 14' | 2130 | 2210 | 2290 | 2370 |
| 15' | 2280 | 2370 | 2450 | 2530 |
| 16' | 2440 | 2520 | 2610 | 2700 |
| 17' | 2590 | 2680 | 2780 | 2870 |
| 18' | 2740 | 2840 | 2940 | 3040 |
| 19' | 2890 | 3000 | 3100 | 3210 |
| 20' | 3040 | 3150 | 3270 | 3380 |
| 21' | 3200 | 3310 | 3430 | 3550 |
| 22' | 3350 | 3470 | 3590 | 3720 |
| 23' | 3500 | 3630 | 3760 | 3890 |
| 24' | 3650 | 3790 | 3920 | 4060 |
| 25' | 3810 | 3940 | 4080 | 4220 |
| 26' | 3960 | 4100 | 4250 | 4390 |
| 27' | 4110 | 4260 | 4410 | 4560 |
| 28' | 4260 | 4420 | 4570 | 4730 |
| 29' | 4410 | 4570 | 4740 | 4900 |
| 30' | 4570 | 4730 | 4900 | 5070 |
| 31' | 4720 | 4890 | 5060 | 5240 |
| 32' | 4870 | 5050 | 5230 | 5410 |
| 33' | 5020 | 5200 | 5390 | 5580 |
| 34' | 5180 | 5360 | 5550 | 5750 |
| 35' | 5330 | 5520 | 5720 | 5910 |
| 36' | 5480 | 5680 | 5880 | 6080 |
| 37' | 5630 | 5840 | 6040 | 6250 |
| 38' | 5780 | 5990 | 6200 | 6420 |
| 39' | 5940 | 6150 | 6370 | 6590 |
| 40' | 6090 | 6310 | 6530 | 6760 |
| Lgth. | 57" | 58" | 59" | 60" |