

SOME HELPFUL HINTS

Area of circle = diameter squared ___ x 0.7854

or radius squared ___ x 3.1416

Circumference of a circle = diameter x 3.1416

EXAMPLE: For a 6-foot-diameter circle:

Calculate Area =

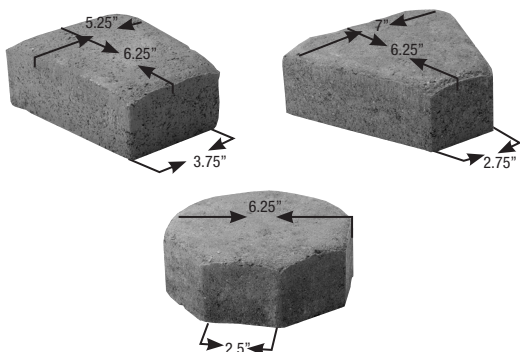
$$6' \times 6' \times 0.7854 = 28.3 \text{ square feet (using diameter)}$$

or

$$3' \times 3' \times 3.1416 = 28.3 \text{ square feet (using radius)}$$

Calculate Circumference =

$$6' \times 3.1416 = 18.8 \text{ linear feet around circle}$$



STEP 1 Determine your circle diameter.

STEP 2 Using the table on the back, read across the line of the appropriate row/diameter to calculate product order quantities needed in addition to the starting Center Pack. The prepackaged Center Pack must be ordered for all circles except when installing a firepit. Shaded portions of the illustration represents materials provided in the Center Pack.

EXAMPLE: Construction of a 14-foot-diameter circle (13 rows) requires 1 Center Pack plus 1 pallet and 1 band of 3/4 Stones, and 1 pallet of Large Circle.

INSTALLATION NOTE: When installing a row of Circlestone containing more than one component type, alternate components throughout row.

INSTALLING A LEDGESTONE FIREPIT KIT

When installing a circle with a Ledgestone firepit in the center, simply omit the Center Pack and row 3. A Ledgestone Firepit Kit includes a metal fire ring with optional swing-away grate and 54 pieces of tapered Ledgestone.

1. Ensure that you have ample drainage inside the ring.
2. Use concrete adhesive to secure the tapered Ledgestone encircling the firepit.
3. Please use the table on the back for quantities when ordering Willow Creek pavers.



Shown with optional Capstone™ Fire Ring Cap.

NOTE: For additional ideas, download our Project Calculator (<http://www.willowcreekpavingstones.com/resources/paver-project-calculator>) or contact your Willow Creek supplier.

CIRCLESTONE ORDERING GUIDE

| CIRCLE DIMENSIONS | | | | CIRCLE COMPONENTS | | | | | | | ORDER QUANTITIES | | | |
|-------------------|--------------------|------------------|-------------|-------------------|--------------|-------|-----------|--------------|-------|-------|---|--------------|---------|------------|
| ROWS | Diameter in Inches | Diameter in Feet | Square Feet | Center | Small Circle | 6 x 3 | 3/4 Stone | Large Circle | 6 x 6 | 6 x 9 | 3/4 Stone | Large Circle | 6 x 6 | 6 x 9 |
| 0 | 6.5 | 0.5 | 0.2 | 1 | | | | | | | | | | |
| 1 | 19.5 | 1.6 | 2.0 | | 8 | | | | | | *Center Pack (includes 3 - 6" x 3" pavers, two for row 6 and one for row 8) | | | |
| 2 | 32.0 | 2.7 | 5.7 | | 8 | | 8 | | | | | | | |
| 3 | 44.5 | 3.7 | 10.8 | | | | | 26 | | | | 1 band | | |
| 4 | 57.5 | 4.8 | 18.0 | | | | | 34 | | | | 2 bands | | |
| 5 | 70.0 | 5.8 | 26.4 | | | | 21 | 21 | | | 1 band | 3 bands | | |
| 6 | 83.0 | 6.9 | 37.4 | | | 2* | 24 | 26 | | | 1 band | 3 bands | | |
| 7 | 96.0 | 8 | 50.3 | | | | 30 | 30 | | | 2 bands | 4 bands | | |
| 8 | 108.5 | 9 | 63.6 | | | 1* | 33 | 34 | | | 2 bands | 5 bands | | |
| 9 | 121.0 | 10.1 | 80.1 | | | | 38 | 38 | | | 3 bands | 6 bands | | |
| 10 | 133.5 | 11.1 | 96.8 | | | | 42 | 42 | | | 3 bands | 1 pallet | | |
| 11 | 146.0 | 12.2 | 116.9 | | | | 90 | | | | 5 bands | 1 pallet | | |
| 12 | 158.5 | 13.2 | 136.8 | | | | 97 | | | | 6 bands | 1 pallet | | |
| 13 | 171.0 | 14.3 | 160.6 | | | | 106 | | | | 1P + 1B | 1 pallet | | |
| 14 | 183.5 | 15.3 | 183.2 | | | | 115 | | | | 1P + 3B | 1 pallet | | |
| 15 | 196.0 | 16.3 | 208.5 | | | | 124 | | | | 1P + 5B | 1 pallet | | |
| 16 | 208.5 | 17.4 | 237.7 | | | | 132 | | | | 2 pallets | 1 pallet | | |
| 17 | 221.0 | 18.4 | 265.8 | | | | 140 | | | | 2P + 2B | 1 pallet | | |
| 18 | 233.5 | 19.5 | 298.5 | | | | | 117 | | | 2P + 2B | 1 pallet | 3 bands | |
| 19 | 246.0 | 20.5 | 329.9 | | | | 2 | 122 | | | 2P + 2B | 1 pallet | 6 bands | |
| 20 | 258.5 | 21.5 | 362.9 | | | | | 130 | | | 2P + 2B | 1 pallet | 1P + 1B | |
| 21 | 271.0 | 22.6 | 400.9 | | | | | 136 | | | 2P + 2B | 1 pallet | 1P + 5B | |
| 22 | 283.5 | 23.6 | 437.2 | | | | 1 | 142 | | | 2P + 2B | 1 pallet | 2P + 1B | |
| 23 | 296.0 | 24.7 | 478.9 | | | | | 149 | | | 2P + 2B | 1 pallet | 2P + 4B | |
| 24 | 308.5 | 25.7 | 518.5 | | | | | 155 | | | 2P + 2B | 1 pallet | 3P + 1B | |
| 25 | 321.0 | 26.8 | 563.8 | | | | | 161 | | | 2P + 2B | 1 pallet | 3P + 4B | |
| 26 | 333.5 | 27.8 | 606.7 | | | | | 168 | | | 2P + 2B | 1 pallet | 4P + 1B | |
| 27 | 346.0 | 28.8 | 651.1 | | | | | 174 | | | 2P + 2B | 1 pallet | 4P + 5B | |
| 28 | 358.5 | 29.9 | 701.8 | | | | | 180 | | | 2P + 2B | 1 pallet | 5P + 2B | |
| 29 | 371.0 | 30.9 | 749.5 | | | | | 1 | 124 | | 2P + 2B | 1 pallet | 5P + 2B | 3 bands |
| 30 | 383.5 | 32.0 | 803.8 | | | | | | 129 | | 2P + 2B | 1 pallet | 5P + 2B | 1P + 1B |
| 31 | 396.0 | 33.0 | 854.9 | | | | | | 133 | | 2P + 2B | 1 pallet | 5P + 2B | 1P + 4B |
| 32 | 408.5 | 34.0 | 907.5 | | | | 1 | | 137 | | 2P + 2B | 1 pallet | 5P + 2B | 2P + 2B |
| 33 | 421.0 | 35.1 | 967.1 | | | | | | 1 | 141 | 2P + 2B | 1 pallet | 5P + 2B | 3 pallets |
| 34 | 433.5 | 36.1 | 1023.0 | | | | | | | 145 | 2P + 2B | 1 pallet | 5P + 2B | 3P + 3B |
| 35 | 446.0 | 37.2 | 1086.3 | | | | | | | 150 | 2P + 2B | 1 pallet | 5P + 2B | 4P + 2B |
| 36 | 458.5 | 38.2 | 1145.5 | | | | | | | 154 | 2P + 2B | 1 pallet | 5P + 2B | 5 pallets |
| 37 | 471.0 | 39.3 | 1212.4 | | | 1 | | | | 158 | 2P + 2B | 1 pallet | 5P + 2B | 5P + 4B |
| 38 | 483.5 | 40.3 | 1274.9 | | | | | | 1 | 162 | 2P + 2B | 1 pallet | 5P + 2B | 6P + 2B |
| 39 | 496.0 | 41.3 | 1339.0 | | | | | | 1 | 166 | 2P + 2B | 1 pallet | 5P + 2B | 7P + 1B |
| 40 | 508.5 | 42.4 | 1411.2 | | | | | | 1 | 170 | 2P + 2B | 1 pallet | 5P + 2B | 8 pallets |
| 41 | 521.0 | 43.4 | 1478.6 | | | | | | 1 | 174 | 2P + 2B | 1 pallet | 5P + 2B | 8P + 4B |
| 42 | 533.5 | 44.5 | 1554.5 | | | | | | 1 | 178 | 2P + 2B | 1 pallet | 5P + 2B | 9P + 3B |
| 43 | 546.0 | 45.5 | 1625.1 | | | | | | 1 | 182 | 2P + 2B | 1 pallet | 5P + 2B | 10P + 2B |
| 44 | 558.5 | 46.5 | 1697.4 | | | | | | 1 | 186 | 2P + 2B | 1 pallet | 5P + 2B | 11P + 1B |
| 45 | 571.0 | 47.6 | 1778.6 | | | | | | 1 | 190 | 2P + 2B | 1 pallet | 5P + 2B | 12 pallets |
| 46 | 583.5 | 48.6 | 1854.1 | | | | | | 1 | 194 | 2P + 2B | 1 pallet | 5P + 2B | 12P + 4B |
| 47 | 596.0 | 49.7 | 1939.0 | | | | | | 1 | 198 | 2P + 2B | 1 pallet | 5P + 2B | 13P + 4B |
| 48 | 608.5 | 50.7 | 2017.8 | | | | | | 1 | 202 | 2P + 2B | 1 pallet | 5P + 2B | 14P + 3B |
| 49 | 621.0 | 51.8 | 2106.3 | | | | | | 1 | 206 | 2P + 2B | 1 pallet | 5P + 2B | 15P + 3B |
| 50 | 633.5 | 52.8 | 2188.5 | | | | | | 1 | 210 | 2P + 2B | 1 pallet | 5P + 2B | 16P + 2B |
| 51 | 646.0 | 53.8 | 2272.1 | | | | | | 1 | 214 | 2P + 2B | 1 pallet | 5P + 2B | 17P + 2B |
| 52 | 658.5 | 54.9 | 2366.0 | | | | | | 1 | 218 | 2P + 2B | 1 pallet | 5P + 2B | 18P + 2B |
| 53 | 671.0 | 55.9 | 2453.0 | | | | | | 1 | 222 | 2P + 2B | 1 pallet | 5P + 2B | 19P + 2B |
| 54 | 683.5 | 57.0 | 2550.5 | | | | | | 1 | 226 | 2P + 2B | 1 pallet | 5P + 2B | 20P + 2B |
| 55 | 696.0 | 58.0 | 2640.7 | | | | | | 1 | 230 | 2P + 2B | 1 pallet | 5P + 2B | 21P + 2B |
| 56 | 708.5 | 59.0 | 2732.6 | | | | | | 1 | 234 | 2P + 2B | 1 pallet | 5P + 2B | 22P + 2B |
| 57 | 721.0 | 60.1 | 2835.4 | | | | | | 1 | 238 | 2P + 2B | 1 pallet | 5P + 2B | 23P + 3B |
| 58 | 733.5 | 61.1 | 2930.6 | | | | | | 1 | 242 | 2P + 2B | 1 pallet | 5P + 2B | 24P + 3B |
| 59 | 746.0 | 62.2 | 3037.0 | | | | | | 1 | 246 | 2P + 2B | 1 pallet | 5P + 2B | 25P + 3B |
| 60 | 758.5 | 63.2 | 3137.1 | | | | | | 1 | 250 | 2P + 2B | 1 pallet | 5P + 2B | 26P + 1B |

