

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 =

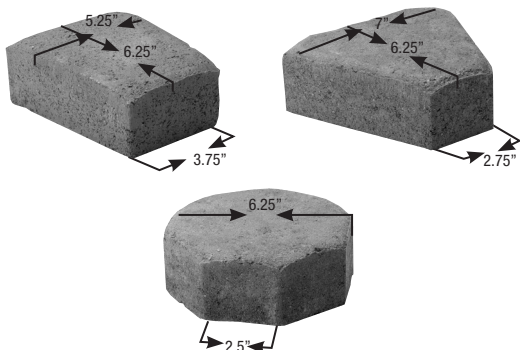
$$6' \times 6' \times 0.7854 = 28.3 \text{ square feet (using diameter)}$$

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 requires 1 Center Pack plus 1 pallet and 1 band of 3/4 Stones, and 4 bands of Large Circle stones.

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

INSTALLING A FIREPIT

When installing a circle with a firepit in the center, simply omit the Center Pack. This will yield an opening of 32" diameter.

1. Depending on the depth of the base, the rim of the firepit may be placed directly onto the compacted base.
2. Ensure that you have ample drainage inside the ring.
3. You may use the Large Circle pavers to surround the firepit to the top edge.
4. Use concrete adhesive to secure the pavers encircling the firepit.
5. Please use the table on the back for quantities when ordering Circlestone pavers.



Shown with optional Capstone™ Fire Ring Cap.

NOTE: For additional ideas, download our Project Calculator (<http://www.willowcreekpavingstones.com/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	7 bands		
11	146.0	12.2	116.9				90				5 bands	7 bands		
12	158.5	13.2	136.8				97				6 bands	7 bands		
13	171.0	14.3	160.6				106				1P + 1B	7 bands		
14	183.5	15.3	183.2				115				1P + 3B	7 bands		
15	196.0	16.3	208.5				124				1P + 5B	7 bands		
16	208.5	17.4	237.7				132				2 pallets	7 bands		
17	221.0	18.4	265.8				140				2P + 2B	7 bands		
18	233.5	19.5	298.5					117			2P + 2B	7 bands	3 bands	
19	246.0	20.5	329.9				2	122			2P + 2B	7 bands	6 bands	
20	258.5	21.5	362.9					130			2P + 2B	7 bands	1P + 1B	
21	271.0	22.6	400.9					136			2P + 2B	7 bands	1P + 5B	
22	283.5	23.6	437.2				1	142			2P + 2B	7 bands	2P + 1B	
23	296.0	24.7	478.9					149			2P + 2B	7 bands	2P + 4B	
24	308.5	25.7	518.5					155			2P + 2B	7 bands	3P + 1B	
25	321.0	26.8	563.8					161			2P + 2B	7 bands	3P + 4B	
26	333.5	27.8	606.7					168			2P + 2B	7 bands	4P + 1B	
27	346.0	28.8	651.1					174			2P + 2B	7 bands	4P + 5B	
28	358.5	29.9	701.8					180			2P + 2B	7 bands	5P + 2B	
29	371.0	30.9	749.5					1	124		2P + 2B	7 bands	5P + 2B	3 bands
30	383.5	32.0	803.8						129		2P + 2B	7 bands	5P + 2B	1P + 1B
31	396.0	33.0	854.9						133		2P + 2B	7 bands	5P + 2B	1P + 4B
32	408.5	34.0	907.5				1		137		2P + 2B	7 bands	5P + 2B	2P + 2B
33	421.0	35.1	967.1						1	141	2P + 2B	7 bands	5P + 2B	3 pallets
34	433.5	36.1	1023.0							145	2P + 2B	7 bands	5P + 2B	3P + 3B
35	446.0	37.2	1086.3							150	2P + 2B	7 bands	5P + 2B	4P + 2B
36	458.5	38.2	1145.5							154	2P + 2B	7 bands	5P + 2B	5 pallets
37	471.0	39.3	1212.4			1				158	2P + 2B	7 bands	5P + 2B	5P + 4B
38	483.5	40.3	1274.9						1	162	2P + 2B	7 bands	5P + 2B	6P + 2B
39	496.0	41.3	1339.0						1	166	2P + 2B	7 bands	5P + 2B	7P + 1B
40	508.5	42.4	1411.2						1	170	2P + 2B	7 bands	5P + 2B	8 pallets
41	521.0	43.4	1478.6						1	174	2P + 2B	7 bands	5P + 2B	8P + 4B
42	533.5	44.5	1554.5						1	178	2P + 2B	7 bands	5P + 2B	9P + 3B
43	546.0	45.5	1625.1						1	182	2P + 2B	7 bands	5P + 2B	10P + 2B
44	558.5	46.5	1697.4						1	186	2P + 2B	7 bands	5P + 2B	11P + 1B
45	571.0	47.6	1778.6						1	190	2P + 2B	7 bands	5P + 2B	12 pallets
46	583.5	48.6	1854.1						1	194	2P + 2B	7 bands	5P + 2B	12P + 4B
47	596.0	49.7	1939.0						1	198	2P + 2B	7 bands	5P + 2B	13P + 4B
48	608.5	50.7	2017.8						1	202	2P + 2B	7 bands	5P + 2B	14P + 3B
49	621.0	51.8	2106.3						1	206	2P + 2B	7 bands	5P + 2B	15P + 3B
50	633.5	52.8	2188.5						1	210	2P + 2B	7 bands	5P + 2B	16P + 2B
51	646.0	53.8	2272.1						1	214	2P + 2B	7 bands	5P + 2B	17P + 2B
52	658.5	54.9	2366.0						1	218	2P + 2B	7 bands	5P + 2B	18P + 2B
53	671.0	55.9	2453.0						1	222	2P + 2B	7 bands	5P + 2B	19P + 2B
54	683.5	57.0	2550.5						1	226	2P + 2B	7 bands	5P + 2B	20P + 2B
55	696.0	58.0	2640.7						1	230	2P + 2B	7 bands	5P + 2B	21P + 2B
56	708.5	59.0	2732.6						1	234	2P + 2B	7 bands	5P + 2B	22P + 2B
57	721.0	60.1	2835.4						1	238	2P + 2B	7 bands	5P + 2B	23P + 3B
58	733.5	61.1	2930.6						1	242	2P + 2B	7 bands	5P + 2B	24P + 3B
59	746.0	62.2	3037.0						1	246	2P + 2B	7 bands	5P + 2B	25P + 3B
60	758.5	63.2	3137.1						1	250	2P + 2B	7 bands	5P + 2B	26P + 1B

