

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 =

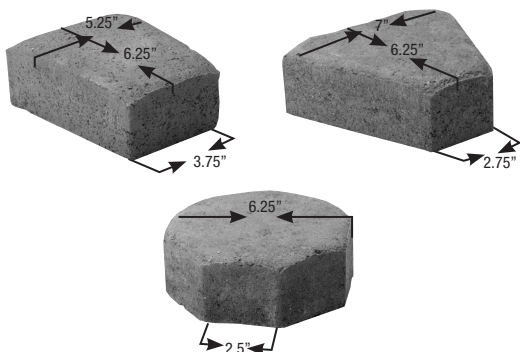
$$6' \times 6' \times 0.7854 = 28.3 \text{ square feet (using diameter)}$$

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

