City of
FORT LAUDERDALE
Venice of America
Department of Sustainable Development
700 NW 19th Avenue, Fort Lauderdale, FL 33311

Trunk Diameter to Square Area Conversion Chart (area = πr^2)

Diameter Inches	Square Area
1	.78
2	3.14
3	7.07
3.5	9.62
4	12.57
4.5	15.90
5	19.63
5.5	23.76
6	28.27
6.5	33.18
7	38.48
7.5	44.18
8	50.26
8.5	56.74
9	63.62
9.5	70.88
10	78.54
10.5	86.59
11	95.03
11.5	103.87
12	113.10
12.5	122.72
13	132.73
13.5	143.14
14	153.94
14.5	165.13
15	176.71
15.5	188.69
16	201.06
16.5	213.82
17	226.98
17.5	240.53
18	254.47
18.5	268.80
19	283.53
19.5	298.65
20	314.16
20.5	330.06
21	346.36
22	380.13

Diameter Inches	Square Area
23	415.47
24	452.39
25	490.87
26	530.93
27	572.55
28	615.75
29	660.52
30	706.86
31	754.77
32	804.25
33	855.30
34	907.92
35	962.11
36	1107.88
37	1075.21
38	1134.11
39	1194.59
40	1256.64
41	1320.25
42	1385.44
43	1452.20
44	1520.53
45	1590.43
46	1661.90
47	1734.94
48	1809.56
49	1885.74
50	1963.49
51	2042.82
52	2123.72
53	2206.18
54	2290.22
55	2375.83
56	2463.01
57	2551.76
58	2642.08
59	2733.97
60	2827.43
61	2922.47
62	3019.07

Diameter Inches	Square Area
63	3117.24
64	3216.99
65	3313.93
66	3421.19
67	3525.65
68	3631.68
69	3739.28
70	3848.45
71	3959.19
72	4071.50
73	4185.39
74	4300.84
75	4417.86
76	4536.46
77	4656.62
78	4778.36
79	4901.67
80	5026.55
81	5153.00
82	5281.02
83	5410.61
84	5541.77
85	5675.50
86	5808.80
87	5944.68
88	6082.12
89	6221.14
90	6361.72
91	6503.88
92	6647.61
93	6792.91
94	6939.78
95	7088.22
96	7238.23
97	7389.81
98	7542.96
99	7697.69
100	7853.98