

Surface Area of Pipe and Square Feet per Linear Foot

Diameters (Inches)			Square Feet per Linear Foot of Pipe	
Pipe Size	External	Internal	External	Internal
¼	0.540	0.364	0.141	0.096
½	0.840	0.622	0.219	0.168
¾	1.050	0.824	0.276	0.216
1	1.315	1.049	0.344	0.275
1 ½	1.900	1.610	0.497	0.422
2	2.375	2.067	0.622	0.541
2 ½	2.875	2.469	0.753	0.647
3	3.500	3.068	0.916	0.804
4	4.600	4.026	1.178	1.053
5	5.563	5.047	1.456	1.32
6	6.625	6.065	1.734	1.59
8	8.625	7.981	2.258	2.07
10	10.750	10.020	2.814	2.62
12	12.75	12.000	3.35	3.14
18	18.000	17.250	4.71	4.52
24	24.000	23.250	6.28	6.09
36	36.000	35.250	9.42	9.23
48	48.000	47.250	12.57	12.40
60	60.000	59.250	15.71	15.53

Example: Pipe sections of 3" diameter and 20 ft long, each section to be coated inside and outside.

External Areas = $0.916 \times 20 = 18.32$

Internal Areas = $0.804 \times 20 = 16.08$

Total Area = 34.40 sq. ft.