

## "Gardian" W51 Sizing Guide - Metal Pipe

Pipe Length	Pipe Diameter - Required Heat Tape Part Number				
	1/2"	1"	1-1/2"	2"	2-1/2"
0'	W51-6P	W51-6P	W51-6P	W51-6P	W51-6P
5'	W51-6P	W51-6P	W51-6P	W51-12P	W51-12P
10'	W51-12P	W51-12P	W51-12P	W51-18P	W51-18P
15'	W51-18P	W51-18P	W51-18P	W51-24P	W51-24P
20'	W51-24P	W51-24P	W51-24P	W51-50P	W51-50P
25'	W51-50P	W51-50P	W51-50P	W51-50P	W51-50P
30'	W51-50P	W51-50P	W51-50P	W51-50P	W51-50P
35'	W51-50P	W51-50P	W51-50P	W51-50P	W51-50P
40'	W51-50P	W51-50P	W51-50P	W51-50P	W51-50P
45'	W51-50P	W51-50P	W51-50P	W51-50P	W51-50P
50'	W51-50P	W51-50P	W51-50P	W51-75P	W51-75P
55'	W51-75P	W51-75P	W51-75P	W51-75P	W51-75P
60'	W51-75P	W51-75P	W51-75P	W51-75P	W51-75P
65'	W51-75P	W51-75P	W51-75P	W51-75P	W51-75P
70'	W51-75P	W51-75P	W51-75P	W51-75P	W51-75P
75'	W51-75P	W51-75P	W51-75P	W51-100P	W51-100P
80'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
85'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
90'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
95'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
100'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P

## "Gardian" W51 Sizing Guide - Plastic Pipe

Pipe Length	Pipe Diameter - Required Heat Tape Part Number				
	1/2"	1"	1-1/2"	2"	2-1/2"
0'	W51-6P	W51-6P	W51-6P	W51-6P	W51-6P
5'	W51-6P	W51-6P	W51-6P	W51-12P	W51-12P
10'	W51-12P	W51-12P	W51-12P	W51-18P	W51-18P
15'	W51-18P	W51-18P	W51-24P	W51-24P	W51-24P
20'	W51-24P	W51-24P	W51-50P	W51-50P	W51-50P
25'	W51-24P	W51-24P	W51-50P	W51-50P	W51-50P
30'	W51-50P	W51-50P	W51-50P	W51-50P	W51-50P
35'	W51-50P	W51-50P	W51-50P	W51-50P	W51-50P
40'	W51-50P	W51-50P	W51-75P	W51-75P	W51-75P
45'	W51-50P	W51-50P	W51-75P	W51-75P	W51-75P
50'	W51-50P	W51-50P	W51-75P	W51-75P	W51-75P
55'	W51-75P	W51-75P	W51-75P	W51-75P	W51-75P
60'	W51-75P	W51-75P	W51-75P	W51-75P	W51-75P
65'	W51-75P	W51-75P	W51-75P	W51-75P	W51-75P
70'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
75'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
80'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
85'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
90'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
95'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P
100'	W51-100P	W51-100P	W51-100P	W51-100P	W51-100P

### IMPORTANT INFORMATION:

- 1 Insulation is required over the heat tape
- 2 For protection **down to "0" degrees** a minimum of **1/2" foam** insulation is required
- 3 For protection **down to "-20" degrees** a minimum of **1" foam** insulation is required
- 4 Add 1' additional length of heat tape for every valve or spigot in your length of pipe
- 5 If your heat tape is longer than the pipe, wrap the additional length equally along the length of pipe