

Frostex Plus Custom Made Heat Tapes



FROSTEX is a name you have come to trust for keeping exposed water lines from freezing. Frostex heat tapes are available in lengths up to 50' of heat tape. We custom make these to your requirements, so be sure to be accurate when measuring the water line you wish to protect. You will need to know the type of pipe you will use the Frostex heat tape on, whether plastic or metal, the diameter of the pipe, as well as the lowest expected air temperature, and the number of valves and spigots. Example would be 1" PVC pipe 23' long with one ball valve protecting for -20 degree F would require 23' x 2 = 46' + 1' for the valve area and 1' for the plug in needed.

Measure the diameter of the pipe in inches, and determine the lowest air temperature you will protect against. Under the pipe type, plastic or metal, find the size of pipe you are protecting, then go across the chart to the lowest temperature you are protecting against.

Frostex Heat Tape Length Selection for Plastic Pipe

The chart indicates the length of heat tape needed for each foot of pipe, and whether it is to be applied to the pipe straight or spiral wrapped around the pipe at specific spacing between spiral wraps.

Pipe Size	Lowest Expected Air Temperature			
	+20 Degrees F	0 Degrees F	-20 Degrees F	-40 Degrees F
1/2"	1' applied straight	1' applied straight	1.5' spiral spaced 2 3/8"	2' spiral spaced 1 1/2"
3/4"	1' applied straight	1.1' spiral spaced 7 1/4"	1.7' spiral spaced 2 3/8"	2.3' spiral spaced 1 5/8"
1"	1' applied straight	1.3' spiral spaced 5"	2' spiral spaced 2 3/8"	2.7' spiral spaced 1 5/8"
1 1/4"	1' applied straight	1.6' spiral spaced 4 1/4"	2.3' spiral spaced 2 1/2"	3.2' spiral spaced 1 3/4"
1 1/2"	1' applied straight	1.8' spiral spaced 4"	2.5' spiral spaced 2 5/8"	3.6' spiral spaced 1 3/4"
2"	1' applied straight	2.1' spiral spaced 4"	3' spiral spaced 2 5/8"	4.3' spiral spaced 1 3/4"

Frostex Heat Tape Length Selection for Metal Pipe

The chart indicates the length of heat tape needed for each foot of pipe, and whether it is to be applied to the pipe straight or spiral wrapped around the pipe at specific spacing between spiral wraps.

Pipe Size	Lowest Expected Air Temperature			
	+20 Degrees F	0 Degrees F	-20 Degrees F	-40 Degrees F
1/2"	1' applied straight	1' applied straight	1' applied straight	1.3' spiral spaced 3 1/8"
3/4"	1' applied straight	1' applied straight	1.1' spiral spaced 7 1/4"	1.5' spiral spaced 3"
1"	1' applied straight	1' applied straight	1.3' spiral spaced 5"	1.8' spiral spaced 2 3/4"
1 1/4"	1' applied straight	1.1' spiral spaced 11 1/2"	1.6' spiral spaced 4 1/4"	2.1' spiral spaced 2 7/8"
1 1/2"	1' applied straight	1.2' spiral spaced 9"	1.8' spiral spaced 4"	2.4' spiral spaced 2 3/4"
2"	1' applied straight	1.5' spiral spaced 6 5/8"	2.2' spiral spaced 3 3/4"	2.8' spiral spaced 2 7/8"