

Insulation

Complete range of pipe insulation types and sizes.

Make your Heat-Line heating cable more efficient and add cold weather reliability with insulation.





BENEFIT OF INSULATING

Heat-Line systems are self-regulating, allowing insulation to be added without the concern of the pipe overheating. A thermally insulated pipe requires much less heat to protect and is not as susceptible to freezing. Extreme or variable temperature changes are not a concern as the pipe insulation provides better thermal consistency and efficiency throughout the entire pipe length.

MINIMIZE HEAT LOSS

While self-regulating technology is very efficient, it is important to understand there is always great heat loss from an uninsulated pipe, which causes the heating cable to produce high heat to compensate. When insulation is applied, heat is retained (heat loss minimized) within the pipe, allowing the heating cable to produce less heat to maintain the same temperature. For example, it would be foolish to install the most energy efficient furnace in your home and then fail to insulate your walls and ceilings. The furnace will only operate to its highest standard when used with insulation and a thermostat. The same idea applies with Heat-Line systems.

80% ENERGY SAVINGS

When a thermostat is located on the pipe under the insulation, the system can duty cycle as required. The insulated pipe allows the heating cable to come on periodically for short periods of time depending on severity of the cold, saving as much as 80% in energy consumption. This is dependent on application variables and amount and type of insulation used.

DO YOU REQUIRE INSULATION?

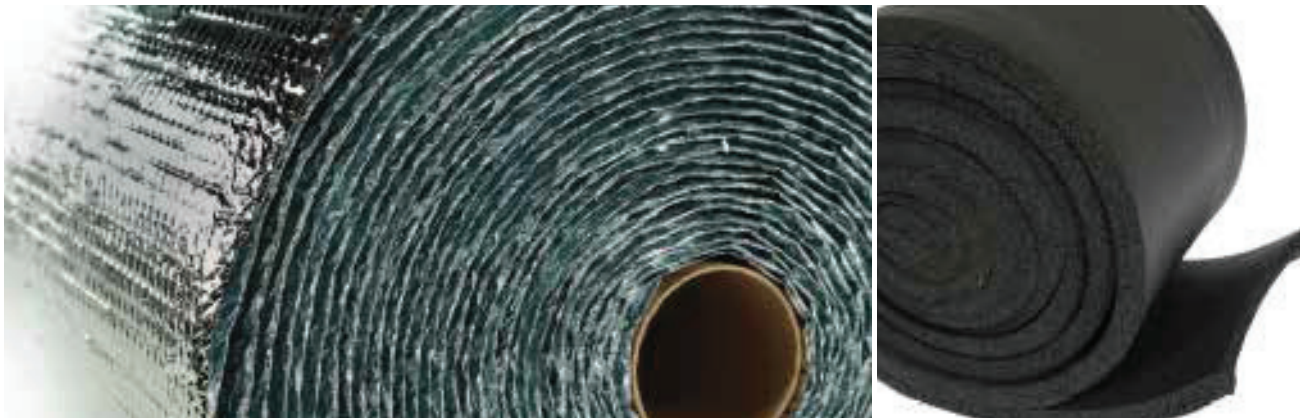
Any section of Heat-Line freeze protected pipe remaining above ground is required to be thermally insulated.

In all new applications insulation is recommended for energy efficiency.

Note: For lake or river applications, insulation is only required to the water's edge (at low water mark).

Water-proof, Styrofoam foam board type insulation can also be purchased from local building centers and is an excellent choice for direct earth burial applications.

Insulation



Insulation | Part Codes

INSUL-1.00x6	Closed cell polyethylene insulation sleeve for 1" ID water pipes. Insulation is 1 5/8" ID, 3/4" wall, 6' in length.
INSUL-1.25x6	Closed cell polyethylene insulation sleeve for 1 1/4" ID water pipes. Insulation is 1 7/8" ID, 3/4" wall, 6' in length.
INSUL-2.00x6	Closed cell polyethylene insulation sleeve for 2" ID water pipes. Insulation is 2 5/8" ID, 3/4" wall, 6' in length.
INSUL-3.00x6	Closed cell polyethylene insulation sleeve for 3" ID water pipe. Insulation is 3 1/2" ID, 3/4" wall, 6' in length.
INSUL-4.00x6	Closed cell polyethylene insulation sleeve for 3" ID water pipe. Insulation is 4 1/2" ID, 1" wall, 6' in length.
INSUL-PAD	Elastomeric flexible closed-cell insulation, 1/2"(12.5mm) thick, 6" (152mm) wide, 10'(3m) long
INSUL-FOIL	16" wide aluminum reflective metalized foil bubble insulation, available by the foot or by each 125 ft (38m) roll