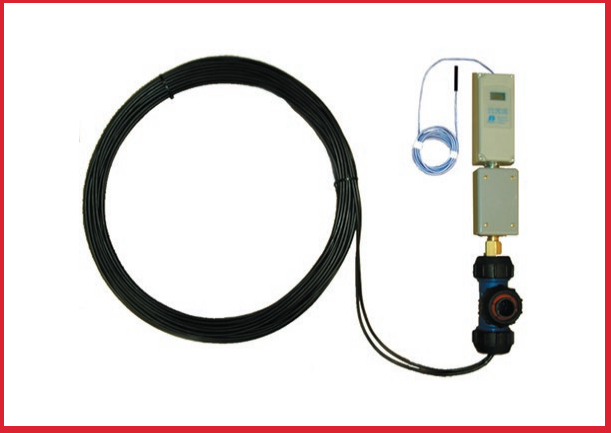
In-Pipe Mini

In-Pipe Miser



In-Pipe Retro
(240 V with junction box shown)

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IN-PIPE

Freeze Protection Heating Cable

Our powerful portfolio of brands:
CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

nVent

nVent.com

Raychem-SB-H57281-InPipeHeatingCable-EN-1903

nVent RAYCHEM

Finally-A Reliable Solution

Now there's a way to freeze protect a pipe from the inside. Using nVent RAYCHEM In-Pipe heating cables, you can rely on a water supply from your well or lake even in the coldest of winters. When the temperature falls, the thermostatically controlled heating cable generates heat and prevents ice from forming inside the pipe.

A UNIQUE PRODUCT

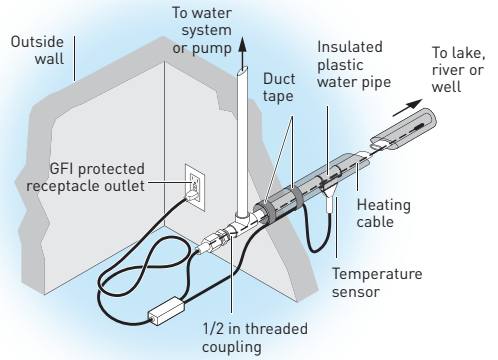
All of the In-Pipe heating cables offer an extremely high level of reliability because of the heating cable construction. The heavy-duty cable is made entirely of metal and mineral insulation, and is widely acknowledged as the longest lasting and toughest heating cable on the market.

TAILORED TO YOUR APPLICATION

The nVent RAYCHEM In-Pipe Mini, Miser, and Retro products are designed to fit a variety of water line sizes and materials. Typical installations include; pipes with interior diameters from 1 inch to 1-1/4 inch (25 mm to 32 mm) and piping materials of PE, PVC, CPVC and copper. For metal pipes longer than 34 ft (10.4 m) or pipe diameters greater than 1-1/4 inch (32 mm), contact nVent for additional information.

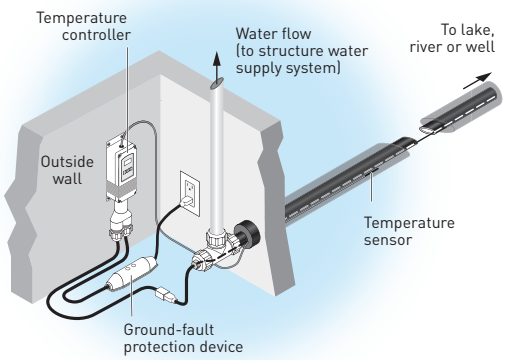
IN-PIPE MINI HEATING CABLE

In-Pipe Mini is the solution for a variety of short-length freezing scenarios. This cable is pre-assembled with a thermostat, which senses pipe temperature and turns on the heating cable when the temperature approaches freezing. In-Pipe Mini is designed for use with 1/2 inch to 1-1/4 inch (13 mm to 32 mm) PE, PVC, CPVC and copper pipes covered with closed-cell thermal insulation.



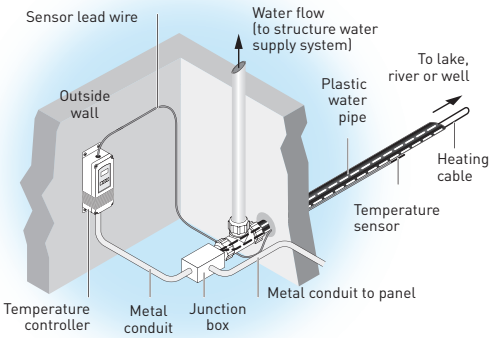
IN-PIPE MISER HEATING CABLE

In-Pipe Miser is an energy efficient in-pipe heating cable for freeze protection of insulated plastic potable water lines. Energy efficiency is achieved by the combination of low heat and an electronic temperature controller that turns on the heating cable when heat is needed. In-Pipe Miser is designed for use with 1 inch and 1-1/4 inch (25 mm and 32 mm) PE pipes and requires closed-cell thermal insulation.



IN-PIPE RETRO HEATING CABLE

For applications where an existing pipe cannot be insulated, In-Pipe Retro is the solution. For lengths between 40 ft and 150 ft (12.2 m and 45.7 m), an electronic controller with a 120 V plug-in ground-fault protection device is included. For lengths between 160 ft and 250 ft (48.8 m and 76.2 m), only the electronic controller is included, and the heating cable must be connected to a 240 V ground-fault protected circuit. In-Pipe Retro is designed for use with 1 inch and 1-1/4 inch (25 mm and 32 mm) PE pipes. Because all In-Pipe Retro cables incorporate a double run of heating cable, a high level of heat is produced and the pipe is freeze protected without the need for insulation.



Which In-Pipe Heating Cable is Right for You?

	Length*	Insulation	GFI	Voltage Required
In-Pipe Mini	14 ft–34 ft (4.3 m–10.4 m)	Required	Required	120 V
In-Pipe Miser	14 ft–240 ft (4.3 m–73.2 m)	Required	Included	120 V
In-Pipe Retro	40 ft–150 ft (12.2 m–45.7 m)	Not Allowed	Included	120 V
In-Pipe Retro	160 ft–240 ft (48.8 m–76.2 m)	Not Allowed	Required	240 V

* Longer lengths are available; contact nVent for additional information.

Estimating the Length of Heating Cable Required

For all In-Pipe Heating Cables, measure the pipe length while allowing for the contour of the land. For In-Pipe Mini, the heating cable can be up to 6 inch (15 cm) shorter than the pipe. For In-Pipe Miser and In-Pipe Retro, the cable must be 1 ft (30 cm) shorter than the pipe. In all cases, the pipe may be lengthened if necessary, in order to accommodate extra heating cable length.