

FEATURES

- ✓ Designed for installation inside the pipe to be heated
- ✓ Self-limiting heating cable
- ✓ Heat output is automatically adjusted in response to temperature variation inside the pipe
- ✓ Will not overheat or burn out even in case of overlapping
- ✓ Ready-to-use unit
- ✓ Heat output: 10 W/m
- ✓ Special gland assembly for heating cable entry into the pipe included
- ✓ Improved coupling's sealing
- ✓ Recommended for use in contact with potable water

DESCRIPTION

Froststop Pipe Inside is the heating section based on self-limiting heating cable that maintains the required temperature of the pipeline during the whole cold season thus ensuring its good performance, uninterrupted operation and safe condition.

Froststop Pipe Inside section is primary designed for use in case when you are not able to install the heating cable directly on the pipe surface or the pipe is already buried at a depth above the frostline.

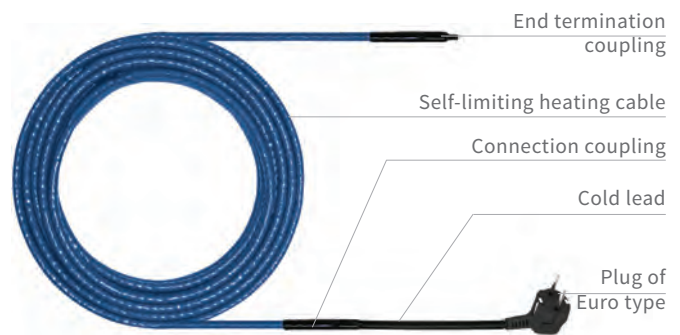
Froststop Pipe Inside section is installed inside the pipe filled with water or other non-aggressive substance. The section can be also installed outside the pipeline.

The heating section consists of a segment of self-limiting cable equipped with 3-meter cold lead with electric plug at one end and with end termination coupling at the other end. For the section entry into the pipe gland assembly is included in the kit.

The factory made connection and end termination couplings are reliable and tightly sealed.

Electric power is applied from one end of the section. At the far end of the heating segment the end termination coupling is installed that is located inside the pipe and ensures ingress protection rating IP68. For the section entry into the pipe a gland assembly is used consisting of two bushings, two washers and rubber sealing ring.

DESIGN



Gland assembly photo



TECHNICAL DATA

Rated voltage	230 VAC, 50 Hz
Linear output	not less than 10 W/m
Maximum operation temperature	
switched on	+65 °C
switched off	+85 °C
Minimum storage temperature	-30 °C
Minimum installation temperature	-15 °C
Minimum bending radius at installation	35 mm
Cold lead length	3 m
Schuko plug type	CEE 7/4
IP protection level	IP68
Heating cable outer jacket material	Fluoropolymer
Gland assembly thread size	1", 3/4"
Maximum permissible pressure	9 atm

Froststop Pipe Inside

PICTURES ILLUSTRATING THE SECTION ENTRY INTO THE PIPE AT VARIOUS ANGLES



1. Direct input at 180°



2. Input at 120°

PRODUCT REFERENCES

Froststop Pipe Inside with plug		
Type	Length, m	Power, W
Froststop Pipe Inside-2	2	20
Froststop Pipe Inside-4	4	40
Froststop Pipe Inside-6	6	60
Froststop Pipe Inside-8	8	80
Froststop Pipe Inside-10	10	100
Froststop Pipe Inside-12	12	120
Froststop Pipe Inside-16	16	160
Froststop Pipe Inside-20	20	200

APPLICATION

Application	Installation
Open Area	<input type="checkbox"/> Concrete (Sand embedding) <input type="checkbox"/>
Roof	<input type="checkbox"/> Under Hot Asphalt (short time) <input type="checkbox"/>
Gutter & Drain pipe	<input type="checkbox"/> Open (UV resistant) <input type="checkbox"/>
Freeze Protection	<input checked="" type="checkbox"/>

APPROVAL DETAILS



ORDERING INFORMATION

Heating section **Froststop Pipe Inside-2**

Heating section brand _____

Heating section application _____

Heating section type _____

Length of heating cable, m _____