

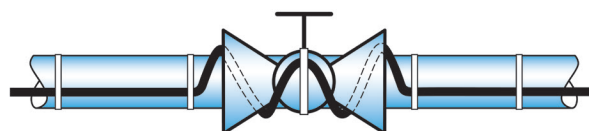
# ProtecTHERM

## Pipe freeze protection



### Advantages of ProtecTHERM cables

- Cables resistant to damage caused by UV rays
- Easy to install, sturdy and flexible
- Available in preassembled format (120V cable has a plug and pilot lamp, 240V cable requires a power connection in a junction box)
- Also available in bulk and "cut to order" format for more flexibility
- Self-regulating: they produce more heat only when needed
- Suitable for various plastic and metallic pipes
- Complete line of accessories and components available for the installation and power connection, when needed
- Require no maintenance
- Three year limited warranty



### The right length

Before installing a ProtecTHERM heating cable on a pipe, it is important to determine the length of cable needed. According to the length and size of the pipe, the cable may be wrapped around it or installed in straight lines. The cable must be secured with a fiberglass tape on metallic pipes and with aluminum tape on plastic pipes. The cable-covered pipes must always be covered with a fire-resistant insulation.

### Maximum protection against frozen pipes

Prevent damage caused by frozen pipes with ProtecTHERM heating cables. Sturdy and flexible, they are perfectly adapted to take on the winter cold.



## Preassembled cable

### Preassembled cable selection:

Letter A to J represent all preassembled ProtecTHERM cables to be installed on pipes; see legend below.

### Pipe length (ft)

Pipe diameter	Type (metal or plastic)	5Ft	10Ft	15Ft	20Ft	25Ft	30Ft	35Ft	40Ft	45Ft	50Ft	55Ft	60Ft
½ in	Met.	A	B	C	D	E	E	E	F	F	F	G	G
	Plast.	A	B	C	E	E	E	E	F	F	F	G	G
1 in	Met.	A	B	C	D	E	E	E	F	F	F	G	G
	Plast.	B	B	C	D	E	E	E	F	F	F	G	G
1½ in	Met.	A	B	C	D	E	E	E	F	F	F	G	G
	Plast.	B	C	D	E	E	F	F	G	G	G	H	H
2 in	Met.	A	B	C	D	E	E	E	F	F	G	G	G
	Plast.	B	C	E	F	F	G	G	G	H	H	H	I
2½ in	Met.	A	B	C	D	E	E	E	F	F	G	G	G
	Plast.	B	D	E	F	G	G	G	H	H	I	I	J

Pipe diameter	Type (metal or plastic)	65Ft	70Ft	75Ft	80Ft	85Ft	90Ft	95Ft	100Ft	110Ft	120Ft	130Ft	140Ft	150Ft
½ in	Met.	G	G	G	H	H	H	H	H	I	I	J	J	J
	Plast.	G	G	G	H	H	H	H	H	I	I	J	J	J
1 in	Met.	G	G	G	H	H	H	H	H	I	I	J	J	J
	Plast.	G	G	H	H	H	H	H	I	I	I	J	J	-
1½ in	Met.	G	G	G	H	H	H	H	H	I	I	J	J	J
	Plast.	H	H	I	I	I	J	J	J	-	-	-	-	-
2 in	Met.	G	G	H	H	H	H	H	I	I	J	J	J	-
	Plast.	I	J	J	-	-	-	-	-	-	-	-	-	-
2½ in	Met.	G	G	H	H	H	H	I	I	I	J	J	J	-
	Plast.	J	-	-	-	-	-	-	-	-	-	-	-	-

A	B	C	D	E
CS061PR006	CS061PR012	CS061PR018	CS061PR024	CS061PR037
F	G	H	I	J
CS061PR050	CS061PR075	CS061PR100	CS061PR125	CS061PR150
CS062PR050	CS062PR075	CS062PR100	CS062PR125	CS062PR150



For all the details on calculating the length of cable needed and on installing a preassembled cable on pipes, consult our Installation Guide.

## Bulk or cut to order cable

Since the bulk and cut to order cable requires a power connection with appropriate components, it is important to make sure you have the right cable length for the installation.

To determine the length of **bulk or cut to order** cable you need, you must take into account the size of the pipe, the number of valves, flanges, supports, power connections, splices and end seals.

It may also be recommended to use a spiral ratio, that is the length of heating cable needed per foot of pipe.

To determine which product to choose for your project and for all the details on installing a bulk or cut to order cable, consult our Design Guide.