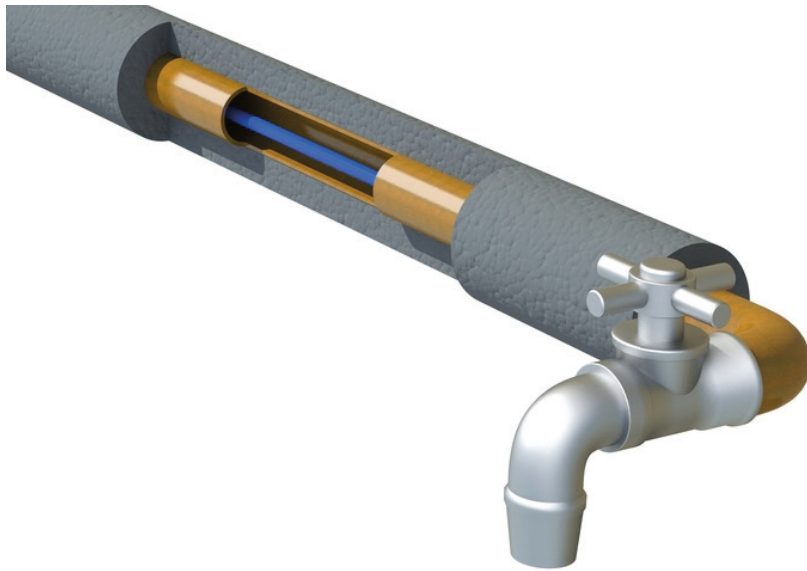




PST 10

Self-regulating defrosting cable



PST 10 is a thin and flexible self-regulating heating cable for internal pipe frost protection. Thanks to its armouring, the cable is durable and offers a long service life.

The polymer outer sheath of the high-quality frost protection cable is approved for use in drinking water pipes. This makes PST 10 ideal for water pipes and meters, but it can also be used in rainwater wells, drains and downpipes.

The power of a self-limiting heating cable is not necessarily the same along the entire length of the cable, but varies along the cable if it is exposed to different conditions.

Supplied either by the metre or as a ready-to-install cable tailored to the site, in which case the frost protection cable is supplied with the desired cold lead. **PST LIME** cables sold in standard sizes also offer an alternative for connection work performed on site, as the product is equipped with a Schuko connection rubber cord.

PROD. NUMBER	TYPE
04 350 12	Self-regulating cable PST 10 W/m@10°C
04 350 91	Pressure bushing pipe fitting 1" / ¾", Nippa LIME/PST10
81 789 03	Connection kit, heat cable to cold lead
81 789 02	Extension kit, heating cable to heating cable
81 789 13	End termination kit, self regulating cables

Please note that with the right control system, frost protection is more cost-effective and at the same time, using a control system extends the service life of cables. For this reason, it is always recommended to use a thermostat or other external control even for self-limiting heating cables. Read more in the product installation instructions or ask our customer service for support.

Outer sheath

Shielding

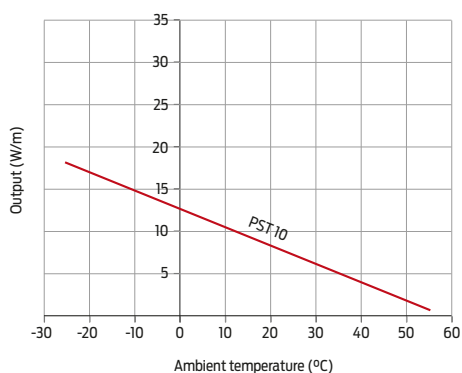
Insulation

Conductor

TECHNICAL SPECIFICATIONS

Power	10 W/m @ +10 °C
Operating voltage	230 V
Outer sheath	Fluoropolymer (PVDF)
Shielding	Braid screen, tinned copper + AlPET foil
Conductors	Tin-plated copper
Diameter	6 mm x 9 mm
Max. ambient temp.	Power off 65 °C, energized 65 °C
Min. installation temp.	-25 °C
Min. bending radius	21 mm (Ø x 3,5)
UV protection	No

SWITCHING TEMPERATURE	NOMINAL FUSE RATING	MAX. HEATING CIRCUIT LENGTH*
10 °C	10 A	80,0 m
	16 A	100,0 m
0 °C	10 A	70,0 m
	16 A	90,0 m
-15 °C	10 A	60,0 m
	16 A	80,0 m
-20 °C	10 A	55,0 m
	16 A	75,0 m



* Heating circuit lengths taking into account:

- 230 V nominal voltage
- Slow-acting circuit breaker (C-curve), maximum heating load 80%
- Heating cable supply line voltage drop max. 10 %
- One (1) heating cable, unidirectional supply
- Installed on the surface of an insulated metal pipe in accordance with EN62395-1