

Application

The DEVI-Pipeheat is a self-limiting heating cable that is mainly used for frost protection of pipes.

During the winter, problems with frost in fresh water, waste water, cooling water, supply water and sprinkler systems can be avoided by heating the pipe internally or externally.

Devi-Pipeheat

Devi-Pipeheat self limiting cable will keep your pipe system protected from freezing during cold temperatures.

The self-limiting capability of the cable ensures that the output of the cable increases or decreases according to ambient temperature.

Self-limiting heating cables is very flexible as the cables can be cut to length on site due to the parallel power supply of the cables.

The cables can be installed on to pipe system or inside the pipe as the cable is approved for use in drinking water.

The fluoropolymer outer sheath is highly resistant to harsh environmental conditions and corrosion and it also serves as a protection against mechanical influences.

Product Features

Self-limiting cables are designed with a temperature dependant resistant element between two parallel copper conductors.

When the connecting conductors are connected to the mains, a current goes through the temperature dependant resistant element which will then heat. As the element is heated the resistance value rises causing the current to decline and heating is reduced → the self-limiting effect.

Cut to length on site and ready made lengths

Can be installed inside water pipes

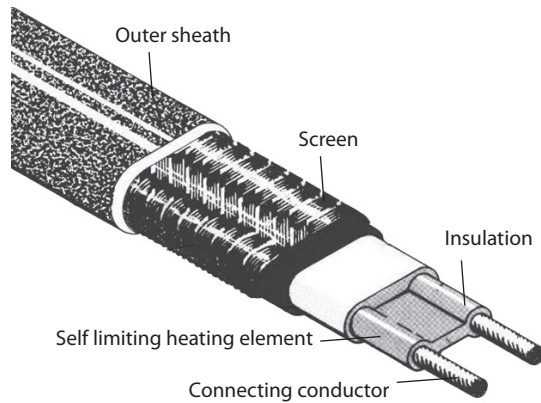
Small dimension to facilitate installation in pipes

Certificates:

- VDE
- VTT test certificate

VA approval

PVC free



Construction:

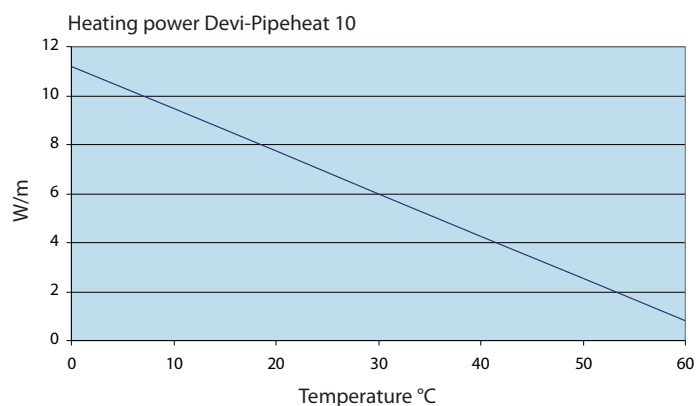
- 0,56 mm² tinned copper conductor
- Cross linked polyolefin heating elements
- Thermoplastic elastomer insulation
- Tinned copper braid
- Fluoropolymer overjacket

Technical details

| | | | |
|----------------------------------|----------------------------------------------------|------|-------|
| Power output at 230 V AC | Max. installation length with 16 A circuit breaker | | |
| | 10°C | -0°C | -20°C |
| 10 W/m at 10°C | 100 m | 95 m | 77 m |
| Minimum bending radius | 35 mm (radius to the inside of the tape) | | |
| Max. permissible use temperature | 65°C Powered | | |
| | 85°C Unpowered | | |
| Minimum use temperature | - 30°C | | |
| Sheath | Fluoropolymer | | |
| Filler sheath | TPE | | |
| Max. resistance protective braid | 18.2 W/km | | |
| Min. Braid Coverage | 70% | | |
| Dimensions | 7.3 × 5.3 mm | | |

Devi-Pipeguard

| Stock code | Product name | Description |
|------------|--------------------------|-------------------|
| 98300003 | Devi-Pipeheat DPH-10 | Blue, 100 m drum |
| 98300001 | Devi-Pipeheat DPH-10 | Blue, 300 m drum |
| 98300011 | Devi-Pipeheat DPH-10 | Blue, 1000 m drum |
| 98300020 | DPH-10, 2 m, 20 W@10°C | 230 V, Readymade |
| 98300021 | DPH-10, 4 m, 40 W@10°C | 230 V, Readymade |
| 98300022 | DPH-10, 6 m, 60 W@10°C | 230 V, Readymade |
| 98300023 | DPH-10, 8 m, 80 W@10°C | 230 V, Readymade |
| 98300024 | DPH-10, 10 m, 100 W@10°C | 230 V, Readymade |
| 98300025 | DPH-10, 12 m, 120 W@10°C | 230 V, Readymade |
| 98300026 | DPH-10, 14 m, 140 W@10°C | 230 V, Readymade |
| 98300027 | DPH-10, 16 m, 160 W@10°C | 230 V, Readymade |
| 98300028 | DPH-10, 19 m, 190 W@10°C | 230 V, Readymade |
| 98300029 | DPH-10, 22 m, 220 W@10°C | 230 V, Readymade |
| 98300030 | DPH-10, 25 m, 250 W@10°C | 230 V, Readymade |



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