

ThermaLint

Heating cable by Thermaflex®

Electric constant-rated heating cable fitted with appropriate controls to protect the system against freezing



Benefits

- Solid protection of the installation against freezing
- Maintaining constant temperature of the medium

Application

- Frost protection of:
 - Water service pipes and/or water meters, condensation drains, fire mains, temporary water lines on building sites, water pipes in cowsheds, sprinkler systems, pumps, valves, outside water taps, water works on boats
- Frost protection of water pipes using ThermaLint with 13 mm pipe insulation



Design

Heating unit with thermostat
protected in a built in enclosure

closed and

Feeding cable
long, with a molded plug

2 meters



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Disclaimer

All recommendations and information provided on this data sheet are based on our knowledge and experience. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.



Technical Properties

| Properties | Unit SI | Values |
|--|-----------------|---|
| Physical properties | | |
| Construction | - | Double wired system with only one feeding cable (cold part) |
| Versions | - | Different lengths flexible heating cable, double insulated and full ground wire with copper armor |
| Feeding cable | mm ² | 3x0,75 |
| Length of feeding cable | m | 2 (with power plug) |
| Thermostat | - | Build in (closed and protected in a built in enclosure) |
| color | - | Feeding cable - black Heating cable - red |
| Power properties | | |
| Power | Watt/m | 16 |
| Supply | V AC | 230 |
| Temperature properties | | |
| Thermostat operating temperature | °C | +3 (on) to +12 (off) |
| Max. temperature resistance of the heating cable | °C | 70 |

Availability

- Standard product lengths: 1-61 m

| Product Code | Cable length [m] |
|-----------------|------------------|
| 7000-000001-000 | 1 |
| 7000-000002-000 | 2 |
| 7000-000004-000 | 4 |
| 7000-000008-000 | 8 |
| 7000-000012-000 | 12 |
| 7000-000014-000 | 14 |
| 7000-000018-000 | 18 |
| 7000-000024-000 | 24 |
| 7000-000036-000 | 36 |
| 7000-000048-000 | 48 |
| 7000-000061-000 | 61 |

Frost protection

Example of a minimum ambient temperature to protect pipes against freezing by using ThermaLint and insulation with 13 mm wall thickness

| Pipe diameter | Ambient temperature |
|---------------|---------------------|
| 15 mm | -45°C |
| 22 mm | -45°C |
| 28 mm | -35°C |
| 35 mm | -30°C |
| 42 mm | -25°C |
| 48 mm | -20°C |
| 60 mm | -20°C |
| 76 mm | -15°C |