

Frost protection heating tape TRACECO[®] -20

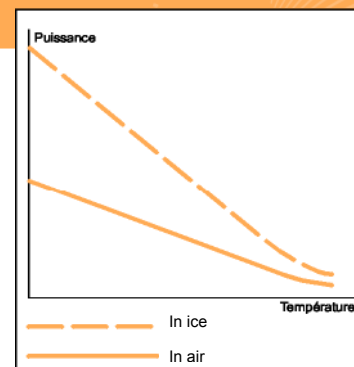
for drain pipes and gutters

Description

- Conductors in tinned copper 1.2 mm²
- Self-regulating semi-conductor heating element
- Insulating sheath in polyolefin
- Protection and earthing by earth wire and aluminium bands
- Overjacket in modified polyolefin
- Variable heat diffusion according to the pipe temperature at each point of the installation
- The heating tape develops maximum power in ice and water from melting. The dry sections of the heating tape automatically reduce their power by half.
- Approved by CSTB (France) - VDE (Germany) - SEV (Switzerland) – GOST (Russia) – FIMKO (Finland)

Assembly indications

- The heating tape is simply placed in drain pipes and gutters. The different lengths necessary may be drawn from a bobbin and cut onsite.
- In drain pipes of sheds or wide gutters, it is advisable to put in two or several parallel bands.
- Self-adjustment impedes any overheating when two heating tapes overlap.
- Where the ends of gutters up to 3 m have to be equipped with heating tapes, a loop advantageously replaces a T branch.
- With recourse to a DHB 350 frost detector, the heating tape is switched on only when the temperature approaches freezing and when water is present.



■ Technical data

Ice-Protect heating tape type	TRACECO®-20
Nominal power in ice	36 W/m
Nominal power at 0°C in air	18 W/m
Minimal curve radius	10 mm
Nominal voltage	230 V
Maximum admissible temperature (switched on / switched off)	65/80°C
Dimensions (width x thickness)	13 x 4,9 mm
Weight	130 g/m

■ Determining the length of the heating tape

For drain pipes and gutters

Total pipe length + length of pipe + 1 m (freezing limit)
 + extra for loops
 + length necessary for access to DomoClick® connections

For shed channels and descents

Total length of parallel segments + length of descents + 1 m (freezing limit)
 + necessary length for access to DomoClick® connections

The heating tape is suitable for all materials such as copper, stainless steel, galvanized steel and plastic. Our Design Office is available to you for any different application, such as roof surface heating, undulated roofs, etc.

■ Electrical connection

Circuit breakers / fuses

Max. circuit length (incl. derivations)	Band length	Protection calibre
TRACECO®-20	50 m	10 A
	70 m	16 A
	80 m	20 A
	100 m	25 A

For greater lengths, the installation will be divided into several circuits. Each circuit will be supplied separately.

Circuit breakers

For the reason of high starting currents, chooses C curb circuit breakers.

Earth leakage circuit breakers

The heating tapes must be protected by a differential circuit breaker of 30 mA.

Accessories See page 28

Assembly instructions See page 37