

SELF LIMITING HEATING CABLE

T-CABLE - TRACECO

FROST PROTECTION AGAINST ICE AND LOW TEMPERATURE MAINTENANCE FOR PIPE, TANK, RECEPTACLES, VALVES, GUTTERS...

Designed to prevent any risk of burst pipes due to freezing. Self Limiting Technology allows easy operation safely. The power changes depending on the temperature and prevents overheating.

When it is cold, the polymer shrinks and facilitates the flow of current, thereby increasing the temperature of the cable. As it gets warmer, the polymer expands and prevents the current: the Self Regulating cable heats less than before.

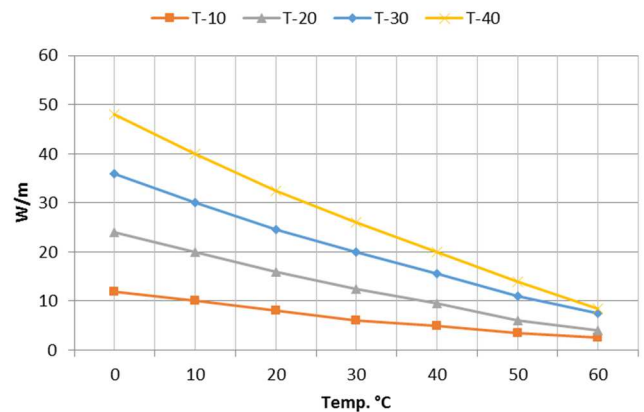
Finally, a « parallel » technology allows the cable to be cut to desired length directly on the site. Exact fit the length of heating cable for your needs.

The CableBox storage system on coil allows easy handling, quick and convenient. This product is in stock and can be used with the fast connector system DomoClick®



DESCRIPTION

1. Bus wire Cu nickel-plated (2x1.23mm²)
2. Self limiting heating element
3. Insulation
4. Tin-plated copper protective earth wires with Protective aluminium foil
5. Thermoplastique (TPE-O) outer jacket (Black)



Reference	Designation	Power @ 10°C	Dimension First Insulation
T-10	Self Regulating Cable with first insulation jacket	10 W/m	11.2 x 3.4 (mm)
T-20	Self Regulating Cable with first insulation jacket	20 W/m	11.2 x 3.4 (mm)
T-30	Self Regulating Cable with first insulation jacket	30 W/m	11.2 x 3.4 (mm)
T-40	Self Regulating Cable with first insulation jacket	40 W/m	11.2 x 3.4 (mm)

Reference	Designation	Power @ 10°C	Dimension First Insulation	Dimension with overkacket
T-10-AO	Self Regulating Cable with Alufoil and Overjacket	10 W/m	11.2 x 3.4 (mm)	12.6 x 4.8 (mm)
T-20-AO	Self Regulating Cable with Alufoil and Overjacket	20 W/m	11.2 x 3.4 (mm)	12.6 x 4.8 (mm)
T-30-AO	Self Regulating Cable with Alufoil and Overjacket	30 W/m	11.2 x 3.4 (mm)	12.6 x 4.8 (mm)
T-40-AO	Self Regulating Cable with Alufoil and Overjacket	40 W/m	11.2 x 3.4 (mm)	12.6 x 4.8 (mm)

DATASHEET

Nominal Voltage 230V
 Tolerance -0/+5 W
 Maximum exposure temperature (energised) 65°C
 Maximum exposure temperature (deenergised) 80°C
 Temperature Class T6
 Minimum Bending Radius 25 mm
 Minimum installation temperature -35°C

Maximum length circuit:
 T-10..... 215 m
 T-20..... 170 m
 T-30..... 140 m
 T-40..... 120 m
 Weight approx. 90-105 kg/km (alufoil)



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CIRCUIT LENGTH*

DESIGNATION	STARTING TEMPERATURE (°C)	MAXIMUM LENGTH (m)		
		16A	20A	32A
TRACECO-10	-20	155	190	-
	0	215	-	-
	10	215	-	-
TRACECO-20	-20	105	130	170
	0	150	170	-
	10	170	-	-
TRACECO-20	-20	75	90	140
	0	97	120	-
	10	115	140	-
TRACECO-40	-20	55	70	110
	0	70	90	120
	10	80	100	-

*Maximum Circuit lengths with ELCB curve C

The protection of each circuit shall be in accordance with NF C 15-100.

The protection of persons is ensured by a residual current of 30 mA maximum for each 7.5 kilowatts maximum. The heaters are supplied at 230 volts.

PACKAGING

Standard length on rolls : 500m

PRINTING

Batch Number and technical information printed in order to ensure quality and tracability.

Other printing on demand

INSTALLATION

WORLDTRACE self-regulating cables must be installed according to standards prevailing at the date of installation (technical requirements specification for implementation of CSTB, NF C 15-100, VDE ...) for the points where they apply, and that the recommendations of use.