

SELF LIMITING HEATING CABLE

TRACECO™-T

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

By using our tracers TRACECO™ T-type, you ensure the best heat-tracing system. They are designed to prevent any risk of burst pipes due to freezing.

Self Limiting or Self Regulating Technology allows easy operation safely. The power changes depending on the temperature and prevents overheating.

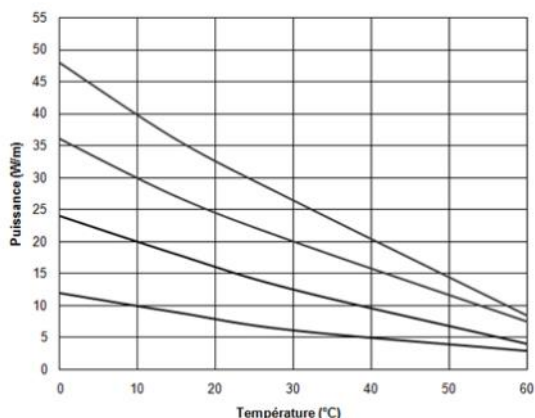
When it is cold, the polymer shrinks and facilitates the flow of current, thereby increasing the temperature of the cable. As it gets warmer, the polymer expands and prevents the current: the Self Regulating cable heats less than before.

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 Box 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 (2×1.25mm²)
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	Dimension (naked)	Dimension
TRACECO-10	TRACECO T-10-AO	10 W/m at 10°C	11.3×3.5 (mm)	12.5×5.0 (mm)
TRACECO-20	TRACECO T-20-AO	20 W/m at 10°C	11.3×3.5 (mm)	12.5×5.0 (mm)
TRACECO-30	TRACECO T-30-AO	30 W/m at 10°C	11.3×3.5 (mm)	12.5×5.0 (mm)
TRACECO-40	TRACECO T-40-AO	40 W/m at 10°C	11.3×3.5 (mm)	12.5×5.0 (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:
 TRACECO-10..... 215 m
 TRACECO-20..... 170 m
 TRACECO-30..... 140 m
 TRACECO-40..... 120 m

Weight approx.: 90-105 kg/km (alufoil)
 Weight approx.: 105-126 kg/km (braid)

QUALIFICATION

CSTB, EAC, CE, IP67, RoHS, REACH, UV-Resistant



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 / Box: 100m

PRINTING

All ELTRACE Self limiting cable are printed in order to ensure quality and tracability.

INSTALLATION

ELTRACE 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 are applied, and that the recommendations of use.

ADDITIONAL PRODUCTS

Reference	No-ATEX accessories
Connexion	DOMOCLICK™ TRASSACLIP ELQC ELKSR-1, ELKSR
Junction Boxes	ELBE-6, ELBE-8, ELBE-10
Pipe bracket	ELSP-x, ELSP-P2/F, ELSP-P3, ELSP-PU
Thermostats	ELTE-1, ELTE-2, ELTE-x ELTH-A2, ELTH-A3, ELTH-A4, ELTH-A5
Fixing tape	ELAA ELTV
Heat Lagging Output	ELSC, ELSC-E, ELSC-B
Adhesive Label	ELET