

SELF LIMITING HEATING CABLE

TRACECO™-S

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

By using our tracers TRACECO™ 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.

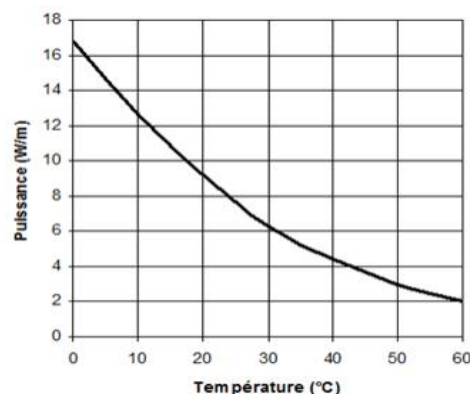
When it is cold, the polymer shrinks and facilitates the flow of current, thereby increasing the temperature of the cable. As it gets warmer, the polymer expands and prevents the current: the Self Regulating cable heats less than before.

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.

DESCRIPTION

1. Bus wire Cu nickel-plated (2×0.55mm²)
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	Désignation	Power	Dimension (naked)	Dimension
TRACECO-15	TRACECO S-12-AO	12 W/m à 10°C	6.40×3.80 (mm)	8.10×5.30 (mm)

DATASHEET

Nominal Voltage: 230V
 Tolerances: -0/+5 W
 Maximum exposure temperature (energised): 65°C
 Maximum exposure temperature (deenergised): 80°C
 Temperature Class: T6
 Minimum Bending Radius: 27 mm
 Minimum installation temperature: -35°C

Maximum length circuit:
 TRACECO-S-12..... 110 m

Weight approx (alufoil): 66 kg/km
 Weight approx (Braided): 72 kg/km

QUALIFICATION

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



CIRCUIT LENGTH*

DESIGNATION	STARTING TEMPERATURE (°C)	MAXIMUM LENGTH (m)		
		16A	20A	32A
TRACECO-15	-20	100	-	-
	0	100	-	-
	10	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

MARQUAGE

Tous les câbles autorégulants ELTRACE sont marqués afin d'assurer la traçabilité du produit.

INSTALLATION

Les câbles autorégulants ELTRACE doivent être installés suivant les normes en vigueur au jour de l'installation (cahier des prescriptions techniques communes de mise en œuvre du CSTB, NF C 15-100, VDE...) pour les points où elles s'appliquent, ainsi que les préconisations d'utilisation.

ADDITIONAL PRODUCTS

Reference	No-ATEX accessories
Connexion	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