

SELF LIMITING HEATING CABLE

S-CABLE - SMALL SIZE

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

By using our tracers S-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.

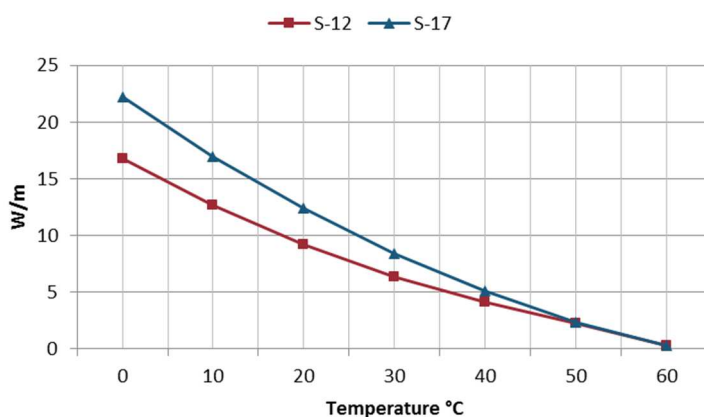
Finally, a « parallel » technology allows the cable to be cut to desired length directly on the site. Exact fit the length of heating cable for your needs.

The CableBox storage system on coil allows easy handling, quick and convenient.



DESCRIPTION

1. Bus wire Cu nickel-plated (2 x 0.55 mm²)
2. Self limiting heating element
3. Insulation
4. Tin-plated copper protective earth wires with Protective aluminium foil
5. Thermoplastique outer jacket



Reference	Désignation	Power	Dimension First Insulation
S-12	Self Regulating Cable with first insulation jacket	12 W/m @ 10°C	6,40 x 3,80 (mm)
S-17	Self Regulating Cable with first insulation jacket	17 W/m @ 10°C	6,40 x 3,80 (mm)

Reference	Désignation	Power	Dimension First Insulation	Dimension with overkacket
S-12-AO	Self Regulating Cable with Alufoil and Overjacket	12 W/m @ 10°C	6,40 x 3,80 (mm)	7,30 x 5,10 (mm)
S-17-AO	Self Regulating Cable with Alufoil and Overjacket	17 W/m @ 10°C	6,40 x 3,80 (mm)	7,30 x 5,10 (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:
 S-12..... 110 m
 S-17..... 95 m

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



WORLDTRACE
 2905, route de Trouville
 F-14270 BELLE-VIE-EN-AUGE
 FRANCE



Tel: +33 231 404 590
 Fax: +33 231 406 730
www.worldtrace.fr
info@worldtrace.fr

CIRCUIT LENGTH*

DESIGNATION	STARTING TEMPERATURE (°C)	MAXIMUM LENGTH (m)		
		16A	20A	32A
S-12 and S-17	-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

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 NF C 15-100, VDE ...) where they apply, and the recommendations of use.