

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.

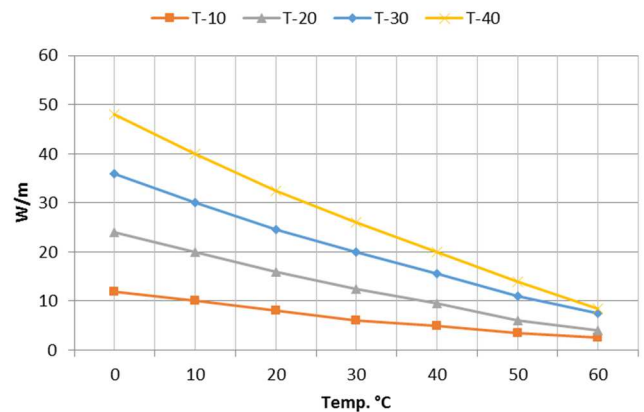
Finally, a « parallel » technology allows the cable to be cut to desired length directly on the site. Exact fit the length of heating cable for your needs.

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.

SELF LIMITING HEATING CABLE

W-CABLE - WARM WATER

FOR TEMPERATURE MAINTENANCE, FOR DOMESTIC HOT WATER, WARM WATER PIPE, OILY WASTEWATER, TANK, VALVES, ALSO TO AVOID THE RISK OF LEGIONELLA, ...

By using our heat tracer you get the best heat tracing system. They are designed to maintain networks of warm water temperature and avoid the risk of legionella.

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.

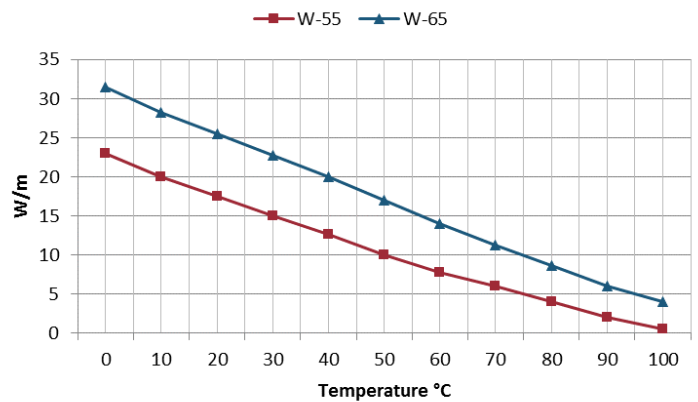
Finally, a « parallel » technology allows the cable to be cut to desired length directly on the site. Exact fit the length of heating cable for your needs.

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



Reference	Désignation	Power	Dimension First Insulation
W-55	Self Regulating Cable with first insulation jacket	9 W/m at 55°C	11.20 x 3.40 (mm)
W-65	Self Regulating Cable with first insulation jacket	13 W/m at 65°C	11.20 x 3.40 (mm)

Reference	Désignation	Power	Dimension First Insulation	Dimension with overkacket
W-55-AO	Self Regulating Cable with Alufoil and Overjacket	9 W/m at 55°C	11.20 x 3.40 (mm)	11.70 x 4.70 (mm)
W-65-AO	Self Regulating Cable with Alufoil and Overjacket	13 W/m at 65°C	11.20 x 3.40 (mm)	11.70 x 4.70 (mm)

DATASHEET

Nominal Voltage 230V
 Tolerances -0/+5 W
 Maximum exposure temperature (energised) 80°C
 Maximum exposure temperature (deenergised) 100°C
 Minimum Bending Radius 27 mm
 Minimum installation temperature -20°C

Maximum length circuit:
 W-55..... 130 m
 W-65..... 110 m

Weight approx 90 kg/km



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CIRCUIT LENGTH*

DESIGNATION	STARTING TEMPERATURE (°C)	MAXIMUM LENGTH (m)		
		16A	20A	32A
W-55	20	130	-	-
	55	130	-	-
W-65	20	110	-	-
	65	110	-	-

*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.

PACKING

Standard length stored on reel: 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.

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.

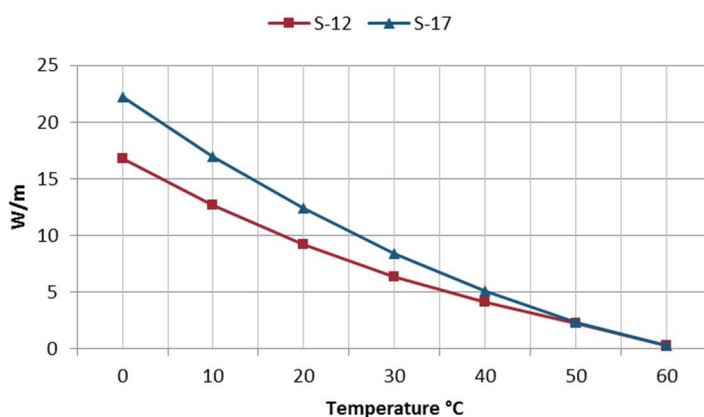
Finally, a « parallel » technology allows the cable to be cut to desired length directly on the site. Exact fit the length of heating cable for your needs.

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



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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

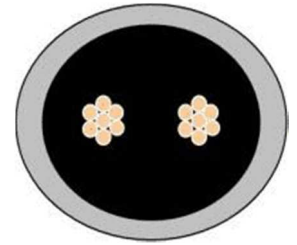
PRINTING

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.



SELF LIMITING HEATING CABLE

R-CABLE - REFRIGERATION

TO PROTECT SLIDING DOORS AND OPENING DOORS FROM FREEZING UP - SPECIAL COLD ROOM

By using our self-regulating electric heat tracing R, you make sure that you get the best defrosting system for negative cold room door. Through its unique "self regulating" matrix, it is easier and safer to use. you freed from the problems of door sizes.

A single cable replaces all your references, all you resistances, whatever the length of the doors.

Furthermore, the self-regulating heating cable is varying according to its temperature. This avoid overheating especially at the corners of doors (no dysfunction).

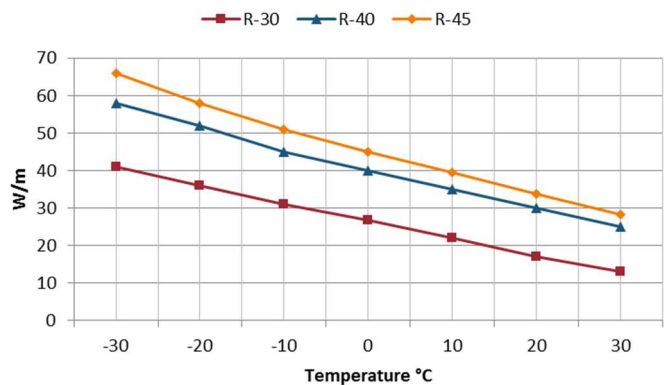
Finally, thanks to his "Self limiting" technology called "parallel". You can connect the heating cable ESR-R to the exact length you want. Also you can connect directly into the junction box. Then you do not have to prepare any cold end and thus saving time and substantial cost.

Its storage system on coil type CableBox or bobbins allows easy handling, quick and convenient. This product is available on stock.



DESCRIPTION

1. Bus wire Cu nickel-plated (2 x 0.55 mm²)
2. Self limiting heating element (matrix)
3. Insulation (polyolefine)



Reference	Designation	Power	Dimension
R-30	Self Regulating Cable	27 W/m at 0°C	6,10 x 5,60 (mm)
R-40	Self Regulating Cable	38 W/m at 0°C	6,10 x 5,60 (mm)
R-45	Self Regulating Cable	45 W/m at 0°C	6,10 x 5,60 (mm)

DATASHEET

Nominal Voltage 230V
 Tolerances -0/+5 W
 Maximum exposure temperature (energised) 50°C
 Maximum exposure temperature (deenergised) 55°C
 Minimum Bending Radius 30 mm
 Minimum installation temperature -35°C

Maximum length circuit:
 R-30..... 110 m
 R-40..... 110 m

Weight approx. 41,5 kg/km

CIRCUIT LENGTH*

DESIGNATION	STARTING TEMPERATURE (°C)	MAXIMUM LENGTHS (m)		
		16A	20A	32A
R-30	-20	90	-	-
	0	100	-	-
	10	100	-	-
R-40	-20	80	-	-
	0	95	-	-
	10	100	-	-
R-45	-20	75	-	-
	0	90	-	-
	10	95	-	-

*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.

PACKING

Standard length stored on reel: 500m / CableBox® : 100m

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.