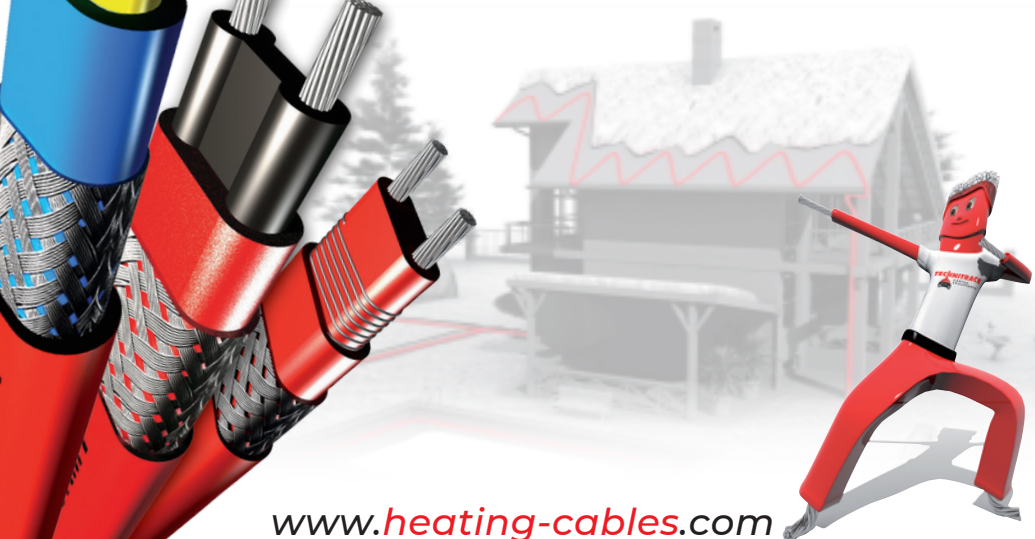


FRENCH MANUFACTURER OF HEATING CABLES

PRODUCT CATALOG

TECHNITRACE

heating
cables



www.heating-cables.com

CERTIFICAT D'ENREGISTREMENT

Le Système de Management de :

Technitrace

Site principal : Avenue du Général de Gaulle, 89130, Toucy, France.

a été enregistré par Intertek comme étant conforme aux exigences de la norme :

ISO 9001:2015

Le Système de Management est applicable à :

Fabrication de câbles électriques chauffants.

Certificat n° :

0147157

Date de certification initiale :

31 janvier 2014

Date de certification :

13 mars 2023

Date d'émission du certificat :

18 avril 2023

Date d'expiration :

30 janvier 2026



intertek

A handwritten signature in black ink, appearing to read "Calin Moldovean".

Calin Moldovean

Président, Business Assurance

Intertek France Tour PB5, 1 Avenue du Général De Gaulle 92800 Puteaux – France



Range of heating cables



SELF-REGULATING HEATING CABLES



CABT

Low temperature self-regulating heating cable
CABT

- Cold water frost protection
- Hot water frost protection (65°C max)
- Temperature maintenance based on heat loss (45°C max)

- CABT: Basic version
- CABT+C: Tinned copper braid version
- CABT+CG: Braid + over jacket version
- CABT+RG: Aluminium foil + ground wires + over jacket option
- 10/15/20/26/40/30 W/m



CABT 24/48V

Low temperature self-regulating heating cable
CABT 24/48V

- Cold water frost protection
- Maintaining low temperatures for the pipes, tanks, and valves of your motorhome or mobile home
- Frost protection for video cameras, cabinets and enclosures, antennas, solar panels, etc...
- Can be used directly on the battery or the solar panel regulator

- CABT: Basic version
- CABT+C: Tinned copper braid version
- CABT+CG: Braid + over jacket version
- CABT+RG: Aluminium foil + ground wires + over jacket option
- 24/48V
- 10/15/30 W/m



CABT/FLEX

High flexibility low temperature self-regulating heating cable
CABT/FLEX

- Frost protection for cold water, chilled water, and grease water systems
- Maintaining the temperature of pipes and tanks up to 35°C

- CABT/FLEX: Basic version
- CABT/FLEX+C: Tinned copper braid version
- 10/15/20/26/30 W/m



CAMT/EA

Middle temperature self-regulating heating cable
CAMT/EA

- Maintaining the temperature of domestic hot water systems at 45/50/55°C
- Multi-layer protection up to 55°C

- Exclusively for plastic domestic pipes
- 8 W/m at 55°C



CAHT

High temperature self-regulating heating cable
CAHT

- Maintaining the temperature of tanks, reservoirs and hydraulic systems up to 85°C
- Withstands a maximum temperature of 120°C when plugged in / 200°C when unplugged
- Good flexibility allowing for the tracing of hydraulic components (valves, pumps, etc.)

- Exclusively on metal piping
- CAHT: Basic version
- CAHT+C: Tinned copper braid version
- CAHT+CG: Braid + over jacket version
- 15/30/50 W/m



CATHT

Very high temperature self-regulating heating cable
CATHT

- Maintaining the temperature of tanks, reservoirs and hydraulic systems up to 150°C
- They can withstand up to 250°C when unplugged
- Best used with a regulating system

- Exclusively on metal piping
- CATHT+CG: Braid + over jacket version
- 68 W/m



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Range of heating cables



SELF-REGULATING HEATING CABLES



CABT De-icing

Low temperature
self-regulating heating cable
CABT De-icing

- Maximum exposure: 65°C under voltage
- Maximum exposure: 85°C when powered off
- Frost and ice protection for drainage pipes, ...
- Snow removal from roofs and gutters

- Maximum length circuit: 110m
- Supply voltage: 230V/50Hz
- Output calorific power: 40 to 20 W/m



CABT Vineyards

Low temperature
self-regulating heating cable
CABT Vineyards

- Protecting the vineyards from frost
- Low initial investment (approximately €30,000/ha)
- Economical (150 kVA/h or €45/h per hectare)
- Simple installation by the winegrower using hoops on the lowering wire

- No maintenance and completely autonomous
- Reliable investment and depreciation over several years
- Supply voltage on 230 V / 50 Hz
- UV resistant oversheath, chemical treatments, ...
- No need to bury the cable

CONSTANT POWER HEATING CABLE



PCMT 30

Middle temperature
constant power heating cable
PCMT 30

- Temperature maintenance on piping
- Cold room door seal heating
- Anti-condensation

- Exclusively on metal piping
- Power: 30 W/m ($\pm 5\%$)
- Power supply voltage: 230V/50Hz
- Maximum temperature: 120°C
- Operating temperature (off): -70° to 200°C
- Maximum circuit length: 50 m



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Self-regulating heating cable

CABT

Technical Sheet CABT V2



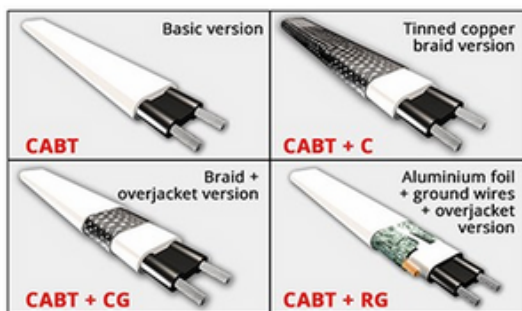
CABT low-temperature self-regulating heating cables consist of a semiconducting plastic heating element that adapts its heat output (W/m) at every point according to the local temperature. This intrinsic characteristic of the semiconducting heating element therefore allows, in some cases, for the elimination of a control system (self-regulation).

They can be cut to length on-site, making them very easy to install. For your electrical tracing installations, particularly on chilled water networks, we highly recommend using our THA/E electronic controllers.

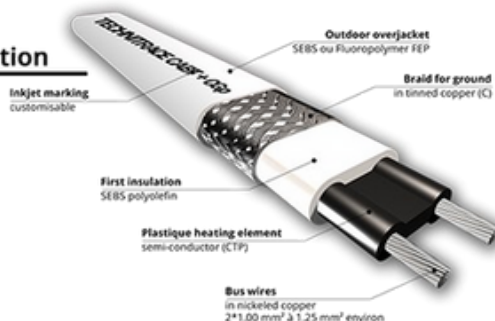
These devices, equipped with a current absorber at startup, guarantee rigorous and reliable electronic regulation (energy savings of over 50%).

Areas of application

- > Frost protection for cold water, chilled water, and grease-resistant water systems
- > Maintaining the temperature of pipes and tanks up to 65°C



CABT cable composition



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Self-regulating heating cable

CABT Technical Sheet CABT V2



Main Benefits

- Can be cut directly on the adjusted length on the site
- Allow derivation from a unique and single feed point
- Semiconductor heating element adapts its power locally
- Good flexibility allowing the tracing of hydraulic organs (valves, pumps, ...)
- Allow overlaps during implementation (self-regulating)
- Maxi temp energized: 65 °C (power on) - maxi temp de-energized: 75°C

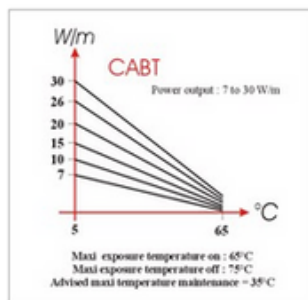


	CABT 10	CABT 15	CABT 20	CABT 26	CABT 30
Power at 5°C	10 W/m	15 W/m	20 W/m	26 W/m	30 W/m
Power at 55°C	3 W/m	4 W/m	5 W/m	7 W/m	8 W/m
I current	0,130 A/m	0,170 A/m	0,220 A/m	0,260 A/m	0,320 A/m
Tolerance	0 / +4 W/m	0 / +4 W/m	0 / +5 W/m	0 / +5 W/m	0 / +5 W/m
Supply voltage conductors	Cuivre Nickel 2*1,00 mm ²	Cuivre Nickel 2*1,00 mm ²	Cuivre Nickel 2*1,00 mm ²	Cuivre Nickel 2*1,25 mm ²	Cuivre Nickel 2*1,25 mm ²
dimensions	CABT	CABT+C	CABT+S	CABT+CG	CABT+RG
Thickness	4,1 mm ±0,5	5,1 mm ±0,5	5,1 mm ±0,5	6,0 mm ±0,5	6,0 mm ±0,5
Width	10,3 mm ±0,5	10,3 mm ±0,5	10,3 mm ±0,5	12,2 mm ±0,5	12,2 mm ±0,5

> 40 W/m on request

> Other voltages
(12, 24, 48, 110, 400 V)
Contact us

General characteristics



- Polyolefin fire retardant sheath
- Polyolefin fireproof overjacket (CG or RG version)
- FEP fluoropolymer overjacket (CGf version)
- For corrosive and chemically aggressive environments
- Voltage: 230 V / 240 V / 50 or 60 Hz (115 V optional)
- Thermal calibration: Max. rated current * 2.
- Use C or D curve circuit breakers
- Possibility of a maximum current spike of 3 * In / 300ms
- Necessary use differential circuit breaker: 30 mA
- Maximum length / power point = approximately 110 m

Accessories



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Self-regulating heating cable

CABT 24/48V Technical Sheet CABT 24/48V V2



Main Benefits

- can be cut to the desired length on site
- direct power supply at 24 or 48 V (depending on version) without transformer
- allow connecting branches with power from a single point
- semi-conductive heating element that adjusts locally its heating power
- good flexibility allowing the tracing of hydraulic components (valves, pumps, etc.)
- allow overlaps during implementation (self-regulating feature)
- CABT heating cables support 65°C power on / 75°C power off (de-energized)



Power at 5°C
Power at 55°C
I current
Tolerance
Supply voltage conductors

CABT 10	CABT 15	CABT 30
10 W/m	15 W/m	30 W/m
3 W/m	4 W/m	8 W/m
0.85 A/m	1.25 A/m	2.50 A/m
0 / +4 W/m	0 / +4 W/m	0 / +5 W/m
Cuivre Nickel 2*1.00 mm ²	Cuivre Nickel 2*1.00 mm ²	Cuivre Nickel 2*1.25 mm ²

CABT 10	CABT 15	CABT 30
10 W/m	15 W/m	30 W/m
3 W/m	4 W/m	8 W/m
0.42 A/m	0.65 A/m	1.25 A/m
0 / +4 W/m	0 / +4 W/m	0 / +5 W/m
Cuivre Nickel 2*1.00 mm ²	Cuivre Nickel 2*1.00 mm ²	Cuivre Nickel 2*1.25 mm ²

24 V AC/DC
Longueur maxi = 10 m

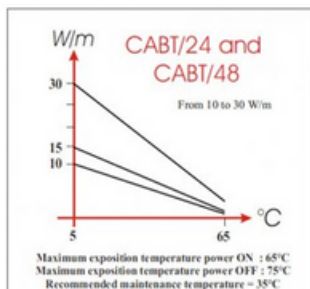
48 V AC/DC
Longueur maxi = 20 m

dimensions	CABT	CABT+C	CABT+S	CABT+CG	CABT+RG
Thickness	4,1 mm ±0,5	5,1 mm ±0,5	5,1 mm ±0,5	6,0 mm ±0,5	6,0 mm ±0,5
Width	10,3 mm ±0,5	10,3 mm ±0,5	10,3 mm ±0,5	12,2 mm ±0,5	12,2 mm ±0,5

Basic version

For other voltages (12, 24, 48, 110, 230, 400 V), please contact us.

General characteristics



- Polyolefin fireproof sheath
- Polyolefin fireproof over jacket (CG or RG version)
- FEP fluoropolymer over jacket (CGF version)
- For corrosive and chemically aggressive environments
- voltage: 24 or 48 V Direct Current
- Calibration: Maximum nominal intensity * 2
- Use curve C or D circuit breakers
- Possible current peak of 3 * In / 300ms
- Maximum length / power point = 10 or 20 m
- If using THA/C or THS: limit the intensity to 16 A

CABT 30/24 + C + G

- Polyolefin over jacket
- Tinned copper braid (C) or stainless steel (S)
- Voltage: 24-24 V - / 48 -48V
- Power heating at 5°C

The dissipation curves are theoretical and provided for illustrative purposes only.
If using a THA/C or THS thermostat, ensure that the current is limited to 16 A/max.



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Self-regulating heating cable

CABT 24/48V Technical Sheet CABT 24/48V V2



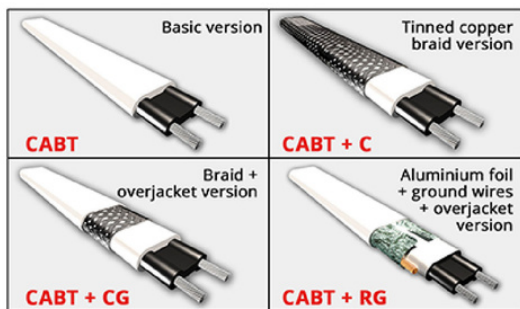
The CABT/24V and CABT/48V low voltage and low temperature self-regulating heating cables consist of a heating core made of semiconducting plastic which adjusts its heat output (W/m) according to the local temperature.

This intrinsic characteristic of the semiconductor heating element makes it possible, in some cases, to avoid the need for a regulation system (self-regulation).

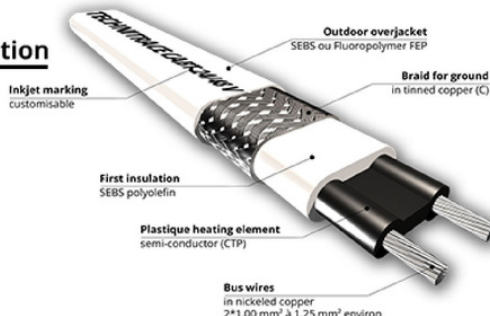
They can be cut to the desired length on site and are therefore very easy to install.

Areas of application

- > Freeze protection or low temperature maintenance of pipes, tanks, valves for your camper van, mobile home
- > Frost protection of video cameras, cabinets and boxes, antennas, solar panels, etc.
- > Frost protection of retractable parking bollards
- > Use directly on battery or solar panel regulator



CABT 24/48 V cable composition



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Self-regulating heating cable

CABT/FLEX

Technical Sheet CABT FLEX V2



CABT low temperature self-regulating heating cable consist of a heating semiconductor plastic element which adapts its calorific power (W/m) on each point depending on the local temperature. This intrinsic feature of the semiconductor heating element allows in some cases to dispense of using a thermostatic controller (self-regulation).

They can be cut on the adjusted length directly on the job site.

For your heat tracing installations of cold water, we strongly recommend the combination of our electronic THA / E controllers. The latter are equipped with a current absorber for start up of self regulating heating cables. They are the guarantee of a rigorous and reliable electronics regulation at 5°C energy saving of + 50%.

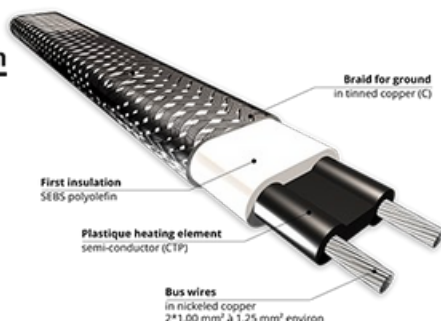
The polyurethane insulating sheath offers unrivaled flexibility of implementation in small world of self-regulating heating cables.

Areas of application

- > Freeze protection of water and domestic fuel oil pipes
- > Temperature maintenance until 35°C of pipes, tanks, balloons, ...



CABT/FLEX cable composition



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Self-regulating heating cable

CABT/FLEX

Technical Sheet CABT FLEX V2



Main Benefits

- Can be cut directly on the adjusted length on the site
- Allow derivation from a unique and single feed point
- Semiconductor heating element adapts its power locally
- VERY HIGH FLEXIBILITY allowing the tracing of hydraulic organs (valves, pumps, ...)
- Allow overlaps during implementation (self-regulating)
- Maxi temp energized : 65 °C (power on) - maxi temp de-energized : 75°C

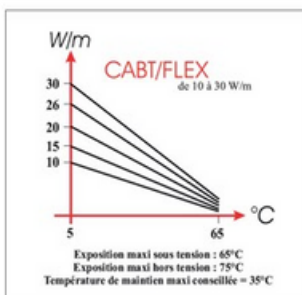


CABT/FLEX

	10 W/m	15 W/m	20 W/m	26 W/m	30 W/m
Power at 5°C	10 W/m	15 W/m	20 W/m	26 W/m	30 W/m
Power at 55°C	3 W/m	4 W/m	5 W/m	7 W/m	8 W/m
I current	0.130 A/m	0.170 A/m	0.220 A/m	0.260 A/m	0.320 A/m
Tolerance	0 / +4 W/m	0 / +4 W/m	0 / +5 W/m	0 / +5 W/m	0 / +5 W/m
Supply voltage conductors	Nickel Copper 2*1.00 mm ²	Nickel Copper 2*1.00 mm ²	Nickel Copper 2*1.00 mm ²	Nickel Copper 2*1.25 mm ²	Nickel Copper 2*1.25 mm ²
dimensions	CABT/FLEX				
	+C		+S		
Thickness	4.1 mm ±0.5	5.1 mm ±0.5	5.1 mm ±0.5	Minimum order 600 m	
Width	10.3 mm ±0.5	10.3 mm ±0.5	10.3 mm ±0.5		
Basic version					

**Minimum order
600 m**

General characteristics



- Very flexible Polyurethane jacket
- Tinned copper braid (option)
- Thermal calibration: Max. rated current * 2
- Use C or D curve circuit breakers
- Mini order 600m: 12, 24, 48, 115, 230, 400 V
- Possibility of a maximum current spike of 3 * In / 300ms
- Necessary use differential circuit breaker: 30 mA
- Maximum length / power point = approximately 110 m

Accessories



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Self-regulating heating cable

CAMT/EA

Technical Sheet CAMT/EA V2



CAMT/EA medium temperature self-regulating heating cables are dedicated to maintaining the temperature of plastic domestic hot water pipes.

Without any regulation or power variator, their innovative constitution is the guarantee never exceed the thermal limits of the pipes or the appearance of a any thermal drift.

They consist of a semi-plastic heating element conductor self-regulating at 65°C and adapt their heating power at any point the pipeline according to the local temperature.

Main Benefits

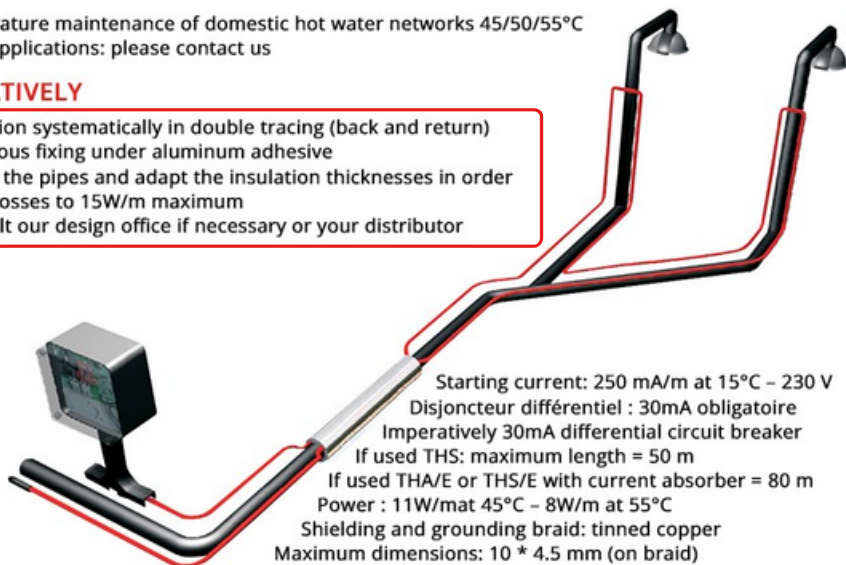
- > Cut to length and an adaptation of power according to contact temperature
- > FEP insulating sheath for perfect chemical and thermal resistance (anti-bacterial)
- > semi-conductor element regulated at any point intrinsically at 65°C

Areas of application

- > Temperature maintenance of domestic hot water networks 45/50/55°C
- > Other applications: please contact us

IMPERATIVELY

- Installation systematically in double tracing (back and return)
 - Continuous fixing under aluminum adhesive
 - Insulate the pipes and adapt the insulation thicknesses in order to limit losses to 15W/m maximum
- > Consult our design office if necessary or your distributor



Starting current: 250 mA/m at 15°C – 230 V

Disjoncteur différentiel : 30mA obligatoire

Imperatively 30mA differential circuit breaker

If used THS: maximum length = 50 m

If used THA/E or THS/E with current absorber = 80 m

Power : 11W/mat 45°C – 8W/m at 55°C

Shielding and grounding braid: tinned copper

Maximum dimensions: 10 * 4.5 mm (on braid)

It is imperative to comply with the FIQ 93 Technitrace instructions for use

Guarantee range: 65°C maximum power on / 90°C de energized



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Self regulating heating cable

CAHT Technical sheet CAHT V2



CAHT high temperature self-regulating heating cable consist of a heating semiconductor plastic element which adapts its calorific power (W/m) on each point depending on the local temperature.

This intrinsic feature of the semiconductor heating element allows in some cases to dispense of using a thermostatic controller (self-regulation). We recommend using a control system. They can be cut on the adjusted length directly on the job site.

For your heat tracing installations and especially on temperature maintenance of hot water systems, we strongly recommend the combination of our electronic THS / E controllers with a Pt1000 sensor to apply directly on the pipe. The latter are equipped with a current absorber for start up of self regulating heating cables. They are the guarantee of a rigorous and reliable electronics regulation (energy saving of + 50%).

The fluoropolymer insulation is the guarantee of a perfect thermal and chemical resistance.

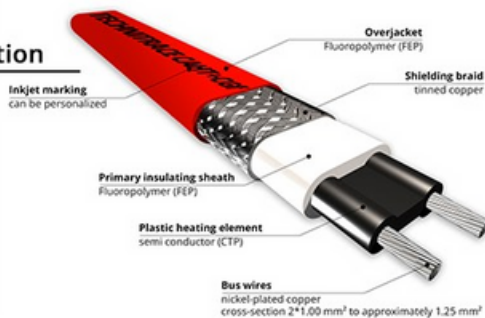
Do not use with plastic piping

Applications

> Temperature maintenance of balloons, tanks, vessels and pipes systems until 85°C.



CAHT cable composition



It is imperative to comply with FIQ93 operating instructions.

Warranty maxi exposure temperature : power ON = 120°C / power OFF 200°C.

Beyond these exposure temperatures use control thermostat.



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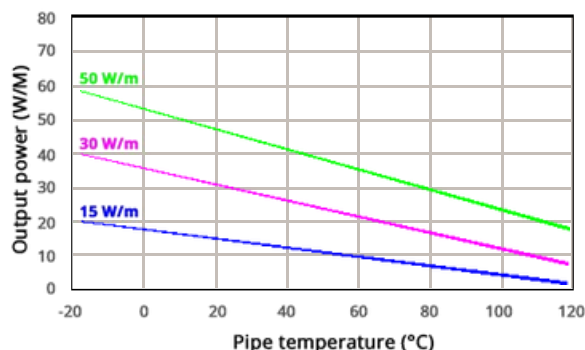
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Self regulating heating cable

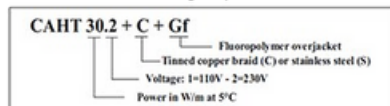
CAHT Technical sheet CAHT V2



Rated output power of insulated metal tubes at 230 V



- FEP fluoropolymer sheath
- FEP fluoropolymer over-sheath (CG version)
- Voltage: 230 V/240 V / 50 or 60 Hz (115 V optional)
- Rating: Maximum rated current * 2
- Use C or D curve circuit breakers
- Possible current peak of 3 * In / 300 ms
- Required residual current circuit breaker: 30 mA
- Max length / power supply point = see table
- Max exposure temperature with cable under load: 120°C
- Max exposure temperature with cable disconnected: 200°C
- Max recommended holding temperature: 85°C.



Maximum circuit length depending on the selected circuit breaker

Heating cable	Start-up temperature (°C)	Maximum circuit length per circuit breaker, in meters, 230V			
		16 A	25 A	32 A	40 A
CAHT 15W	10	143	216	216	216
	-20	113	173	216	216
	-30	105	160	202	211
	-40	98	149	187	195
CAHT 30W	10	85	130	153	153
	-20	70	107	136	141
	-30	66	100	126	134
	-40	62	94	118	125
CAHT 50W	10	62	95	122	122
	-20	52	80	102	107
	-30	50	76	95	100
	-40	47	72	90	95



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Câble chauffant autoréglant CATHT

Fiche technique CATHT V1



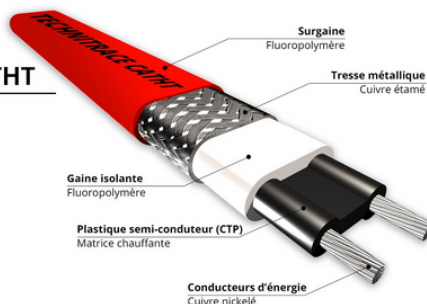
Le câble chauffant autoréglant CATHT est conçu pour la protection contre le gel et le maintien à haute température des métaux, des cuves et des équipements nécessitant un nettoyage à la vapeur. La technologie PTC unique des éléments chauffants autoréglants CATHT ajuste leur puissance calorifique en fonction de la température ambiante sur l'ensemble du circuit, fournissant ainsi plus de chaleur là où et quand c'est nécessaire. Cette fonction d'autorégulation permet également d'éviter la surchauffe, même en cas de chevauchement des câbles CATHT. Le système de câbles chauffants CATHT est conçu pour une température de maintien maximale de 150 °C et une température d'exposition intermittente de 250 °C.

Ne pas utiliser sur des tuyaux plastiques

Spécifications

Température maxi d'exposition intermittente	250°C
Température maxi de maintien ou d'exposition continue	150°C
Tension d'alimentation	230 V
Puissance de sortie	68 W/m @ 5°C
Conducteurs d'énergie	2 * 1,29 mm ²
Rayon de courbure minimal	30mm @20°C, 50mm @-40°C
Température minimum d'installation	-60°C
Température minimum de démarrage	-40°C
Calibre maximal du disjoncteur	40A
Couleur de la surgaine	Rouge
Dimensions nominales du câble chauffant	13.2x4.5mm
Poids du câble chauffant	0.134kg/m

Constitution câble CATHT



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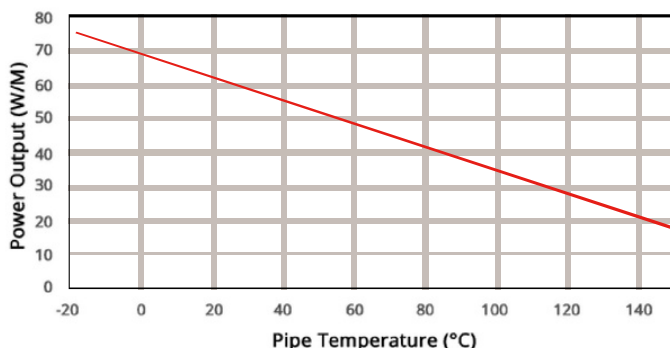
Self regulating heating cable

CATHT

Technical sheet CATHT V1



Nominal Power Output Ratings on Insulated Metal Pipes at 230 V



Max. Circuit Length based on Circuit Breaker Selection

Heating Cable	Start-up Temperature (°C)	Maximum Circuit Length per Circuit Breaker, meters 230V			
		16 A	25 A	32 A	40 A
CATHT 68W	10	46	71	91	95
	-20	40	61	78	81
	-30	38	59	74	78
	-40	37	56	70	75



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Self-regulating heating cable

CABT De-icing

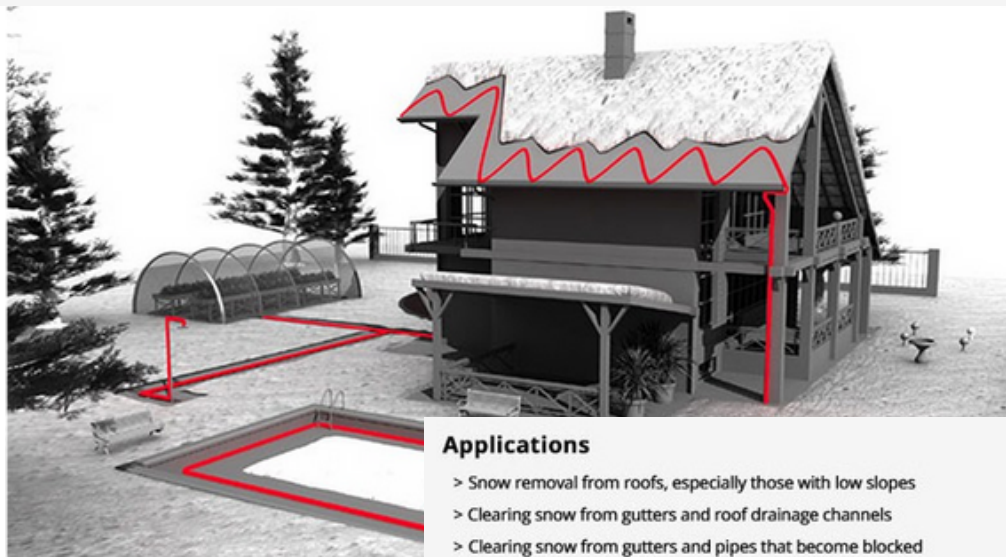
Technical Sheet CABT de-icing V2



To prevent the accumulation of snow or ice on roofs, in gutters, and downspouts, we recommend using CABT De-icing self-regulating heating cables.

Thanks to its innovative technology, the CABT De-icing heating cable adapts its heat output to each point. When snow or ice is present, its heat output increases locally to melt it, then gradually decreases.

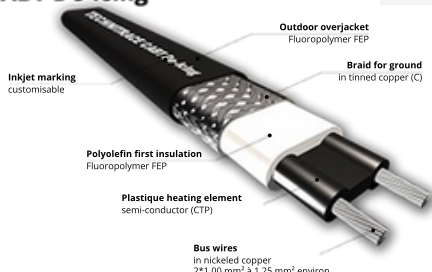
Once the heating cable is in a dry environment after melting, it reduces its heat output, thus saving energy.



Applications

- > Snow removal from roofs, especially those with low slopes
- > Clearing snow from gutters and roof drainage channels
- > Clearing snow from gutters and pipes that become blocked
- > Protecting drainage pipes from frost and ice, etc.

CABT De-icing



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Self-regulating heating cable

CABT De-icing

Technical Sheet CABT de-icing V2



Under the roof:
spaced approximately every 0.50 metres using preformed stainless steel wire hooks.

Connection:
connection box equipped with a room thermostat to ensure automatic start-up during periods of frost.



In the gutter or rainwater drain:
Continuous fixing under aluminium adhesive tape after first degreasing and drying the surfaces.

On descents:
A cable loop is provided to prevent congestion and is installed using a pulley equipped with a hook.



Precautions for use and general characteristics

Maximum length of a circuit: 110 m

Maximum exposure: 65°C under voltage

Maximum exposure: 85°C when powered off

Power supply voltage: 230 V / 50 Hz

Power dissipated: depending on heat exchange, between 40 and 20 W/m

Electrical protection: 30 mA residual current circuit breaker

Thermal protection rating: 0.30 A * installed length



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Self regulating heating cable CABT Vineyards

Technical sheet CABT vineyards V2



TECHNITRACE has developed a reliable solution against spring frosts and accumulation of snow or ice on the buds of vines and having widely proven itself in vineyards. For greater efficiency, thanks to its clean, ecological and innovative technology, the CABT Vineyards self-regulating heating cable adapts its power according to the ambient temperature, for optimum protection of the vine.



Peculiarities

Its outer sheath is specially designed to resist a harsh environment (treatments used by the profession, shocks, bad weather, etc and sun radiations.). Electronic cards have been specially developed for monitoring installations with intensity absorber and heating cable cut detection.



Advantages

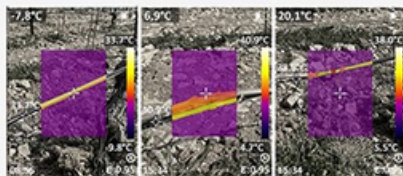
- ✓ no maintenance and completely autonomous
- ✓ reliable investment and depreciation over several years
- ✓ ecological and sustainable (no smoke, possibility of powering by green energy, etc.)
- ✓ simple installation by the winegrower by strapping on the lowering wire
- ✓ delivered in reels, cable can be cut in lengths from 0.50 to 150 m maximum
- ✓ supply voltage on 230 V / 50 Hz
- ✓ UV resistant oversheath, chemical treatments, ...
- ✓ no need to bury the cable

ECONOMICAL!

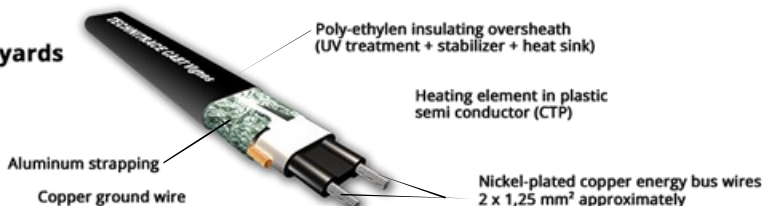
28,5 €/h For 10,000 linear meters
and 0,19 €/KW/h*

* : French electricity tariff September 2025

Thermal controls Vineyard frost protection



CABT Vineyards



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Constant power heating cable

PCMT

Technical Sheet PCMT V1



PCMT heating cables consist of heating modules with a constant heat output, regardless of the ambient temperature. These cables, which have a very flexible silicone sheath, can be cut to length on site and can be branched from a single power supply point (energy present throughout the heating cable).



PCMT 30



PCMT 30 + C

Principle

PCMT heating cables are made up of contact points every 60 cm: heating starts from the first contact point. Connection is made on one side of the heating cable, to the +/- terminals of the power cable.



Features

- Power: 30 W/m ($\pm 5\%$)
- Power supply: 230 V
- Maximum temperature: 120°C
- Temperature off: -70° à 200° C
- Maximum length of a circuit: 50 m
- Dimensions: 5.75 x 7.5 mm ($\pm 0,2$ mm)
- Flexible sheath
- Cable: nickel-chromium or nickel-copper
- Section: 2 x 0.75 mm²
- Conductor insulation: silicone elastomer
- Contact points: 0.6 m
- Certificate: CE
- Cut to length on site

Applications

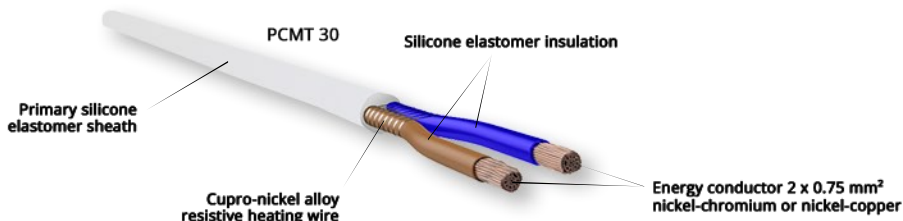
The PCMT cable is primarily intended for use in industrial refrigeration and surface heating applications:

- > Temperature maintenance on pipes (excluding plastic)
- > Heating cold room door seals
- > Anti-condensation

Installation instructions

For optimal efficiency and safe installation, please follow the TECHNITRACE instructions.

- > www.heating-cables.com/installation-instructions



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Constant power heating cable

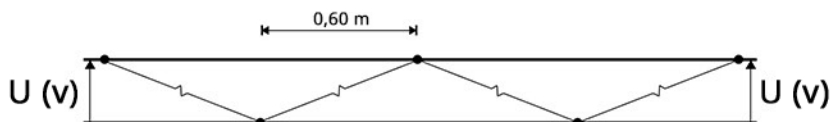
PCMT Technical Sheet PCMT V1



Benefits

- No thermal aging of the heating element (alloy)
- No current peaks at start-up unlike other technologies allowing good electrical protection
- Integrated cold output due to the technology used
- Can be cut to length on site according to needs (modules)
- Allows derivations and tapings from a single power supply point (energy present all along the cable)
- Very flexible implementation
- Standard manufacturing under 230 V

Principle of operation



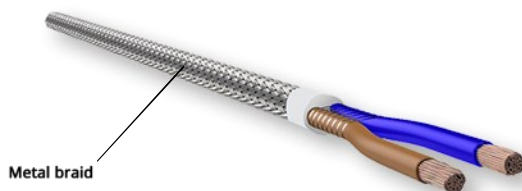
heating resistors of fixed length
and constant heating power

General characteristics

- Thermal protection: nominal current * 1.25
- Differential protection: 30 mA mandatory
- Maximum circuit length: 50 m or 1500 W
- Maximum exposure: 120° C
- Maximum exposure when switched off: -70 to 200° C

PCMT 30+C version

- The PCMT 30 W/m - 230 V constant power cable is also available with a metal braid



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