

Medium temperature self-regulating heating cable **CAMT**



FIQ 117



CAMT medium 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 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 gaurantee of e perfect thermal and chemical resistance.

Applications

Temperature maintenance of hot watter pipes at 45/50/55°C.

Temperature maintenance of hot watter pipes at 60/65°C.

Temperature maintenance of pipes, vessels, baloons until 65°C.

<p>Basic version</p>  <p>CAMT</p>	<p>Tinned copper braid version</p>  <p>CAMT+C</p>	<p>Braid + overjacket version</p>  <p>CAMT+CGf</p>
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Do not use the CAMT heating cable on plastic pipe.

It is imperative to comply with FIQ93 operating instructions.

Warranty maxi exposure temperature : power ON = 85°C / power OFF 125°C.

Maximum maintenance advised temperature : 65°C.

Beyond these exposure temperatures use control thermostat.

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www.novatrace.com

www.heating-cables-technitrac.com

Advantages

- 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 : 85 °C (power on)- maxitemp de-energized : 125°C.
- Technical CSTB approval, in accordance with the European standards in force.

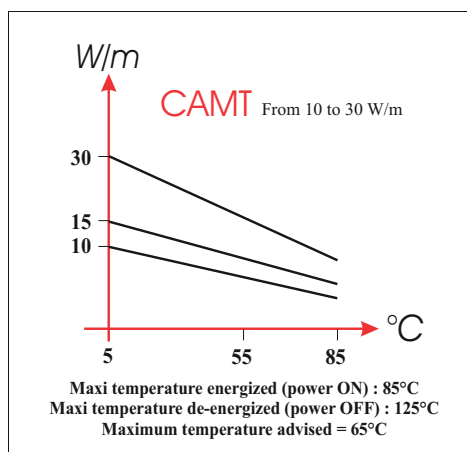


	CAMT 10	CAMT 15	CAMT 30	
Power at 5°C	10 W/m	15 W/m	30 W/m	Other power on request.
Power at 55°C	6 W/m	10 W/m	20 W/m	
I Current	0.130 A/m	0.170 A/m	0.310 A/m	
Tolérance	0 / +4 W/m	0 / +4 W/m	0 / +5 W/m	
Supply conductors	Nickel copper 2*1.00 mm ²	Nickel copper 2*1.00 mm ²	Nickel copper 2*1.25 mm ²	
dimensions	CAMT	CAMT +C	CAMT +S	CAMT +CG
mini	4.0 * 9.0 mm	4.6 * 9.6 mm	4.6 * 9.6 mm	5.8 * 10.8 mm
maxi	4.4 * 10.0 mm	5.0 * 10.6 mm	5.0 * 10.6 mm	6.2 * 11.8 mm

Basic version

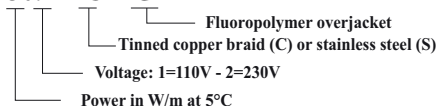
Approximative dimensions

Main features



- FEP fluoropolymer jacket.
- 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.
- maxi temperature exposure : power ON = 85°C
- maxi temperature exposure : power OFF = 125°C

CAMT 30.2 + C + Gf



Thermal dissipation curves are theoretical and given for information purposes

Accessories

