

Self-regulating heating cables *CAMT et CAMT ++*



FIQ 117



Medium-temperature self-regulating heating cables *CAMT et CAMT ++* consist of a semi-conductor plastic heating core that adjusts its linear heating power (W/m) according to the local temperature of the cable. This intrinsic feature can avoid using (auto)-regulation systems in some cases. They can be cut to length on site and are therefore implemented very easily.

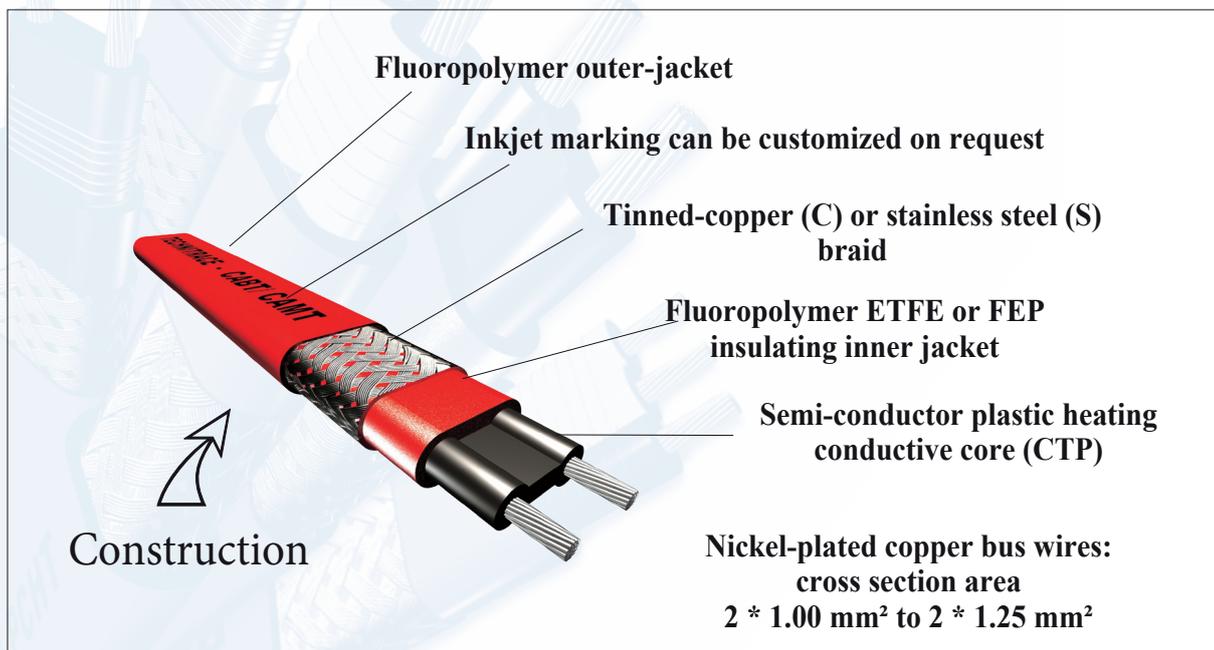
Application range

CAMT

- freeze protection of domestic hot water supply networks 45/50/55°C

CAMT ++

- freeze protection of domestic hot water supply networks 60/65°C
- temperature maintenance of pipes & tanks up to 75°C



Thermal power output determined in compliance to standard EN 62.395

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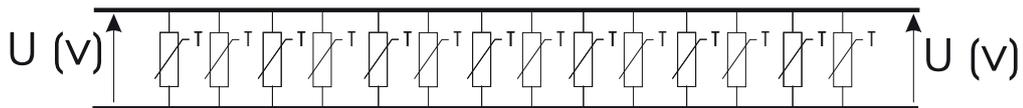
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* Prix d'un appel local

Benefits

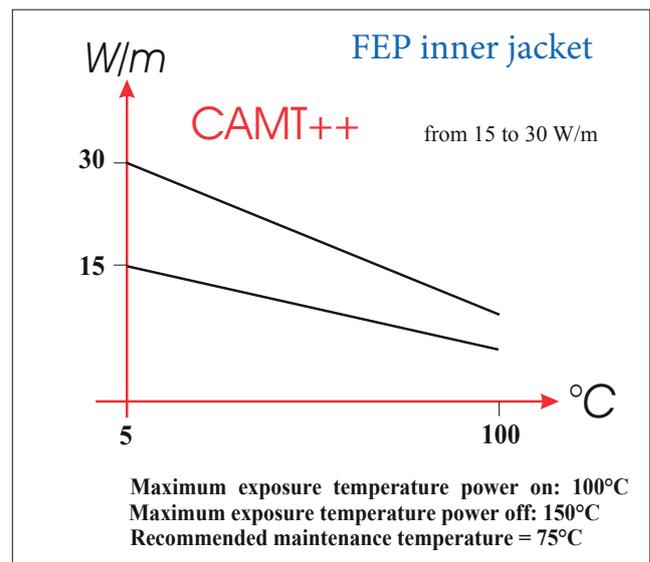
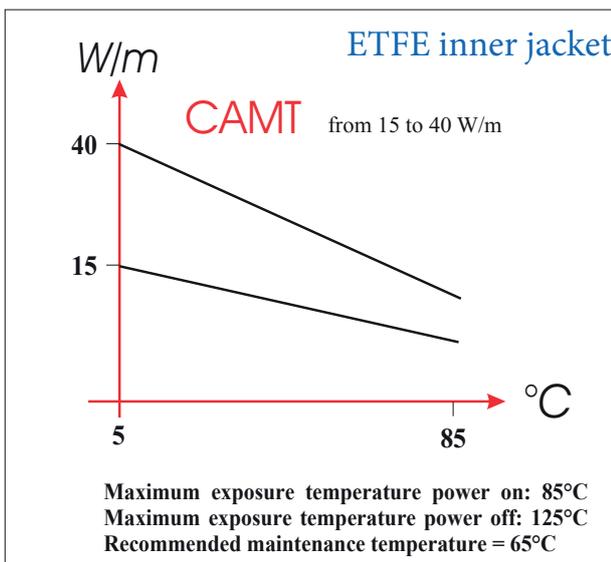
- cut to length on site
- allow connecting branches with power supplied from a single point
- semi-conductor plastic heating core that adjusts locally its heating power
- good flexibility enabling hydraulic parts tracing (valve, pump)
- cables can be overlapped during implementation (self-regulating feature)
- CAMT heating cables withstand 85°C power on / 125°C power off
- CAMT++ heating cables withstand 100°C power on / 150°C power off

Operational principle



The dissipated heating power at each point of the cable varies according to the temperature of the contact point of diffusion where the cable is positioned
Thermal power output determined by the manufacturer in compliance to standard EN62.395

Main features



Dissipation curves are theoretical and solely provided for information purposes

- calibration: rated current * 2
- use C or D curve circuit-breaker
- possible peak current : 3 * rated current /300ms
- compulsory residual-current circuit breaker : 30 mA
- maximal length = approx 110 m

CAMT 30.2 + C + Gf

