

# Self-regulating heating cables **CAHT/Ex**

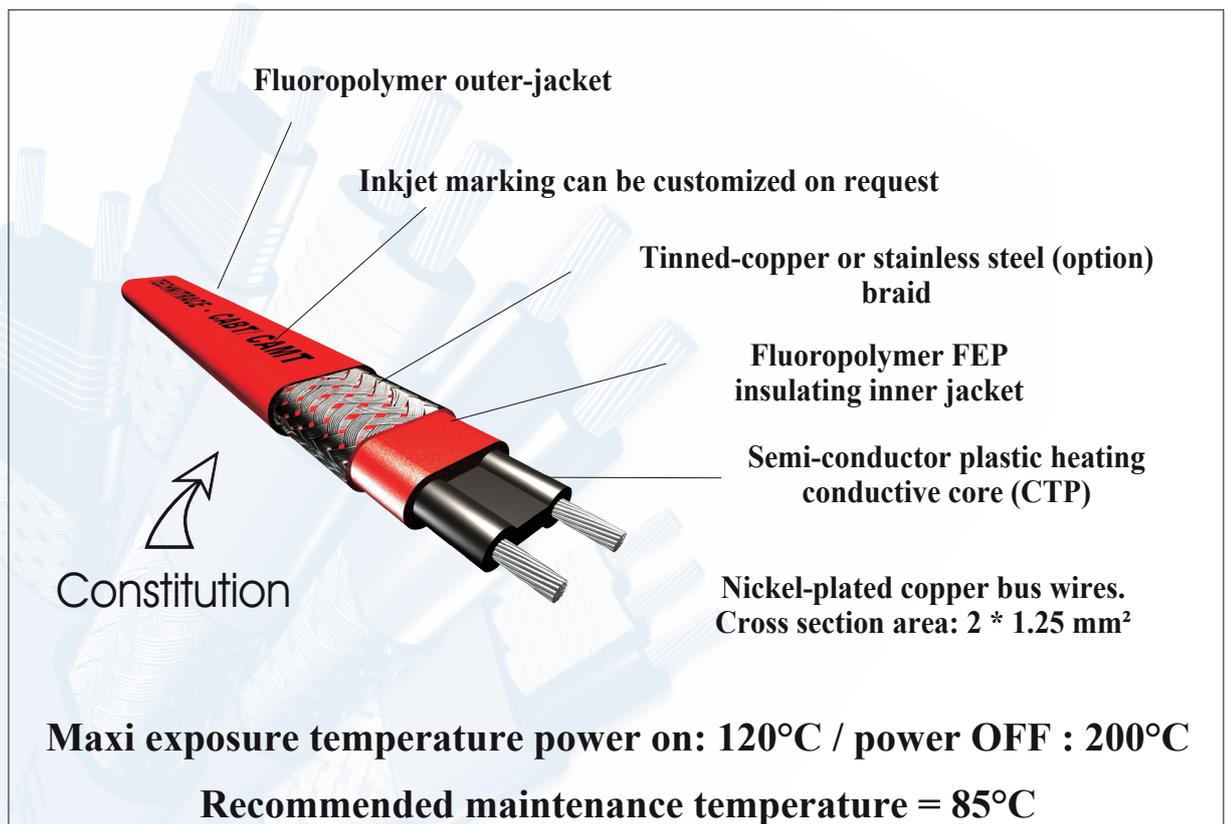


FIQ 118



High-temperature self-regulating heating cables CAHT/Ex are dedicated for maintaining the temperature of pipes, tanks and other hydraulic units located in zones classified as explosion-hazardous areas (explosive atmospheres -ATEX). They can be cut to length on site and are therefore implemented very easily. Withstand steam sterilization rinsing.

Power connection through a cabinet certified EEx e (increased safety) or EEx d (flameproof) in compliance to European standards EN 60079.14 / EN 60079-0/07/30.



Thermal power output determined in compliance to standard EN 62.395

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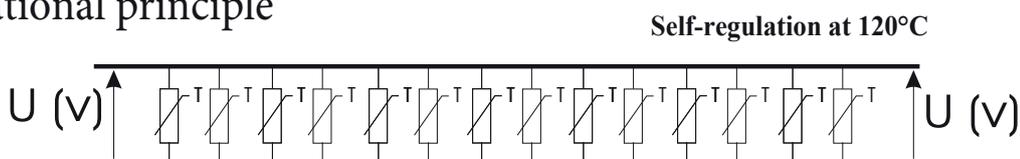
\* Prix d'un appel local

## Benefits

Self-regulating heating cables CAHT/Ex are cut on-site to the requested length. Due to their design, they ensure an intrinsic maximum temperature of 120°C without the use of regulation in some cases.

They also enable branches from a single point of electrical power supply (power along the whole cable length) : use a cabinet certified EEx e (increased safety) or EEx d (flameproof)

## 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

Maximum length : 110 m

Recommended maximum maintain temp: 85°C

Maximum exposure temp power on: 120°C

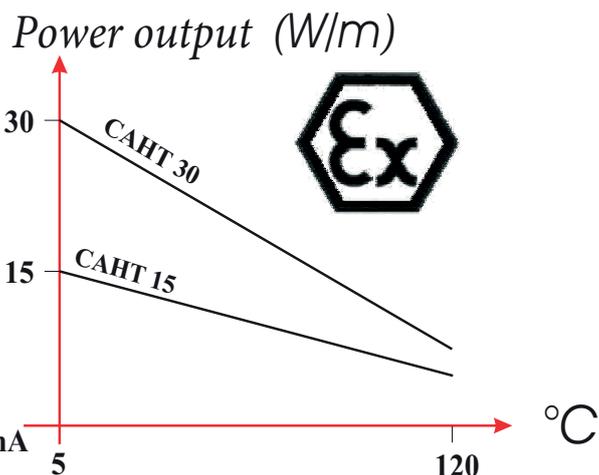
Maximum exposure temp power off : 200°C

Calibration : 2 \* rated current

Use at least C curve circuit-break

\* Possible peak current : 3 \* rated current /300ms

Compulsory residual-current circuit breaker : 30 mA



*Dissipation curves are theoretical and solely provided for information purposes*

## Product code CAHT/EX 30.2 + C + G f

Fluoropolymer FEP outer jacket  
Tinned-copper (C) or stainless steel (S) braid  
Voltage 1=110V - 2=230V  
Power in W/m at 5°C  
Cable intended for potentially explosive atmosphere  
Insulating Fluoropolymer FEP inner jacket

