Heating cable construction



0.5mm2 copper conductors

Self-regulating conductive core

Modified polyolefin insulation

Copper braid (max. resistance 18.2Ω/km)

Fluoropolymer outer jacket (-CT) or modified polyolefin outer jacket (-CR)

Description

Features

- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- Easy installation due to on-site assembly and can be cut to any length (up to max circuit length) required on site with no wasted cables
- Energy efficient, automatically varies it's power output in response to pipe temperature changes
- Self-limiting, without overheating or burnout even while overlapping
- Installation in residential, commercial
- Very suitable for use on/in small pipes such as home water pipes
- 2-year limited warranty against manufacturing defects

Application

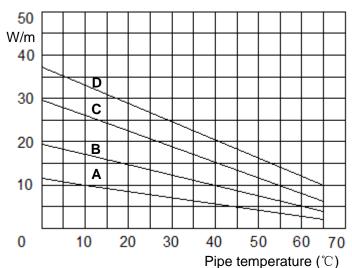
Area classification	Residential Ordinary
Traced surface type	Carbon steel, Stainless steel Plastic Painted or unpainted metal
Chemical resistance	For organic corrosives: use -CT (fluoropolymer outer jacket) For mild inorganic solutions: use -CR (modified polyolefin outer jacket) For aggressive organics and corrosives consult your local Xuhui representative

Specifications

Supply voltage	oply voltage 230V			
	Contact your local Xuhui represe	ntative for data on other voltages		
Maximum maintain or continuous exposure temperature (power on/off)	65℃			
Maximum intermittent	85 ℃			
exposure	Maximum cumulative exposure 1000 hours			
temperature (power on/off)	•			
Temperature classification	T6			
Minimum installation	-40 ℃			
temperature				
Minimum bend radius	at 20℃: 13mm at -40℃: 35mm			
Product	MLTV-CR	MLTV-CT		
Thickness (mm)	5.5	5.1		
Width (mm)	8.1	7.7		
Weight (g/m)				

Thermal output rating

Non	ninal power output at 230Vac	W/m
on i	nsulated steel pipes	@ 10 ℃
Α	3MLTV2-CT, 3MLTV2-CR	10
В	5MLTV2-CT, 5MLTV2-CR	17
С	8MLTV2-CT, 8MLTV2-CR	26
D	10MLTV2-CT,	33
	10MLTV2-CR	



Maximum circuit length (m)

based on type "C" circuit breakers according to EN 60898

Electrical	Start-up	Maximum heating cable length per circuit (m)			
protection sizing	temperature	3MLTV2	5MLTV2	8MLTV2	10MLTV2
10A	+10℃	120	85	60	45
	-15℃	90	55	35	25
	-30 ℃	70	40	25	15
16A	+10℃	140	100	75	50
	-15℃	120	80	50	30
	-30℃	100	60	35	20

The above numbers are for circuit length estimation only. For more detailed information please contact your local Xuhui representative. Xuhui requires the use of a 30 mA residual current device to provide maximum safety and protection from fire. Where design results in higher leakage current, the preferred trip level for adjustable devices is 30 mA above any inherent capacitive leakage characteristic of the heater as specified by the trace heater supplier or alternatively, the next common available trip level for non adjustable devices, with a maximum of 300 mA. All safety aspects need to be proven.

Components

Xuhui offers a full range of components for power connections, splices and end seals. These components must be used to ensure proper functioning of the product and compliance with electrical requirements.