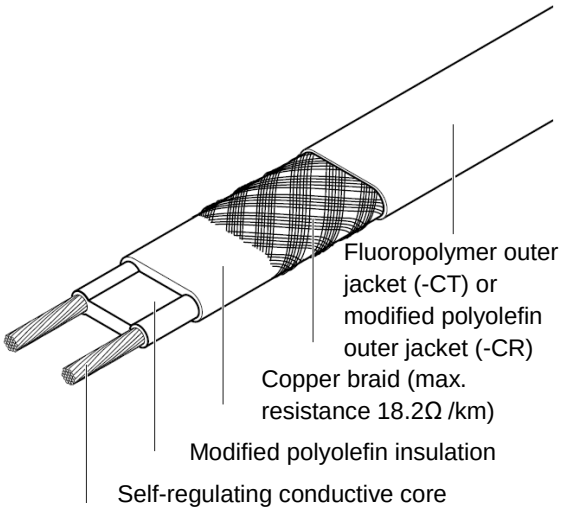
SFTRACE MLTV SELF-REGULATING HEATING CABLES CE/EAC

Heating cable construction



Description

The MLTV family of self-regulating heating cables provides the solution to water pipe freeze-protection for residential application. MLTV heating cables have the maximum maintain or continuous exposure temperature 65℃ and can withstand intermittent exposure to temperatures up to 85℃.

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

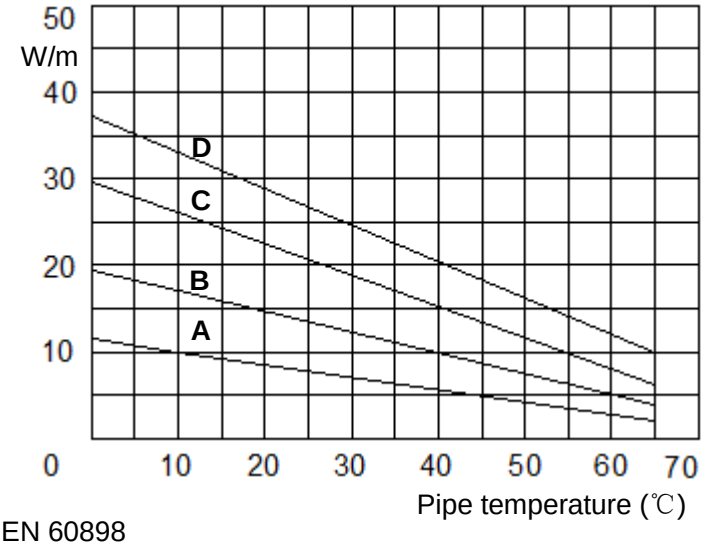
Area classification	Residential Ordinary
Traced surface type	Carbon steel, Stainless steel Plastic Painted or unpainted metal
Chemical resistance	For organic corrosives: use -CT (fluoropolymer outer jacket) For mild inorganic solutions: use -CR (modified polyolefin outer jacket) For aggressive organics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

Specifications

Supply voltage	230V Contact your local Xuhui representative for data on other voltages		
Maximum maintain or continuous exposure temperature (power on/off)	65℃		
Maximum intermittent exposure temperature (power on/off)	85℃ Maximum cumulative exposure 1000 hours		
Temperature classification	T6		
Minimum installation temperature	-40℃		
Minimum bend radius	at 20℃: 13mm at -40℃: 35mm		
Product	MLTV-C	MLTV-CR	MLTV-CT
Thickness (mm)	3.9	5.4	4.9
Width (mm)	6.8	8.3	7.8
Weight (g/m)			

Thermal output rating

	Nominal power output at 230Vac on insulated steel pipes	W/m @ 10℃
A	3MLTV2-CT, 3MLTV2-CR	10
B	5MLTV2-CT, 5MLTV2-CR	17
C	8MLTV2-CT, 8MLTV2-CR	26
D	10MLTV2-CT, 10MLTV2-CR	33



Maximum circuit length (m)

based on type “C” circuit breakers according to EN 60898

Electrical protection sizing	Start-up temperature	Maximum heating cable length per circuit (m) 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

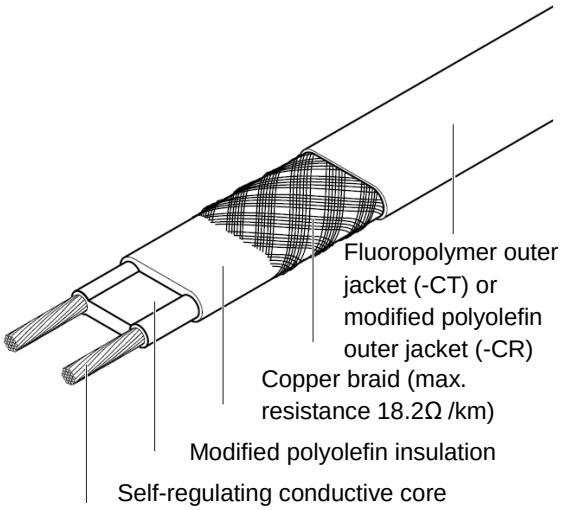
The above numbers are for circuit length estimation only. For more detailed information please contact your local Xuhui representative. Xuhui requires the use of a 30 mA residual current device to provide maximum safety and protection from fire. Where design results in higher leakage current, the preferred 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.

SFTRACE LTV SELF-REGULATING HEATING CABLES CE/EAC

Heating cable construction



Description

The LTV family of self-regulating heating cables provides the solution to freeze-protection, temperature maintenance for pipes, tanks, valves, vessels and roof and gutter de-icing. LTV heating cables maintain process temperatures up to 65℃ and can withstand intermittent exposure to temperatures up to 85℃.

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, industrial and Ex-area
- 5-year limited warranty against manufacturing defects

Application

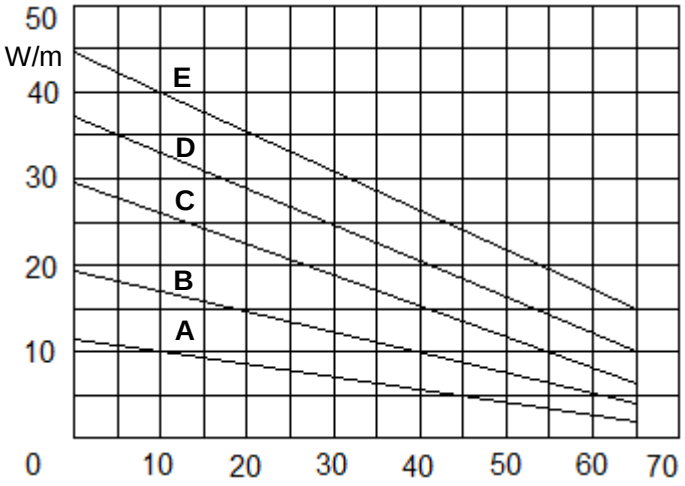
Area classification	Hazardous, Zone 1, Zone 2 (Gas), Zone 21, Zone 22 (Dust) Ordinary
Traced surface type	Carbon steel, Stainless steel Plastic Painted or unpainted metal
Chemical resistance	For organic corrosives: use -CT (fluoropolymer outer jacket) For mild inorganic solutions: use -CR (modified polyolefin outer jacket) For aggressive organics and corrosives consult your local Xuhui representative

Specifications

Supply voltage	230V Contact your local Xuhui representative for data on other voltages		
Maximum maintain or continuous exposure temperature (power on/off)	65℃		
Maximum intermittent exposure temperature (power on/off)	85℃ Maximum cumulative exposure 1000 hours		
Temperature classification	T6		
Minimum installation temperature	-40℃		
Minimum bend radius	at 20℃: 13mm at -40℃: 35mm		
Product	LTV-C	LTV-CR	LTV-CT
Thickness (mm)	4.2	5.7	5.2
Width (mm)	10.4	11.9	11.4
Weight (g/m)			

Thermal output rating

Nominal power output at 230Vac on insulated steel pipes		W/m @ 10℃
A	3LTV2-CT, 3LTV2-CR	10
B	5LTV2-CT, 5LTV2-CR	17
C	8LTV2-CT, 8LTV2-CR	26
D	10LTV2-CT, 10LTV2-CR	33
E	12LTV2-CT, 12LTV2-CR	40



Maximum circuit length (m)

based on type “C” circuit breakers according to EN 60898

Electrical protection sizing	Start-up temperature	Maximum heating cable length per circuit (m)				
		3LTV2	5LTV2	8LTV2	10LTV2	12LTV2
16A	+10℃	200	150	100	65	50
	-15℃	150	100	60	45	35
	-30℃	120	70	45	40	30
20A	+10℃	200	160	120	85	65
	-15℃	190	130	100	55	50
	-30℃	150	100	60	50	35
25A	+10℃	200	160	120	100	90
	-15℃	200	150	100	70	60
	-30℃	170	130	80	65	50
32A	+10℃	200	160	125	110	95
	-15℃	200	160	120	90	75
	-30℃	195	150	100	80	60

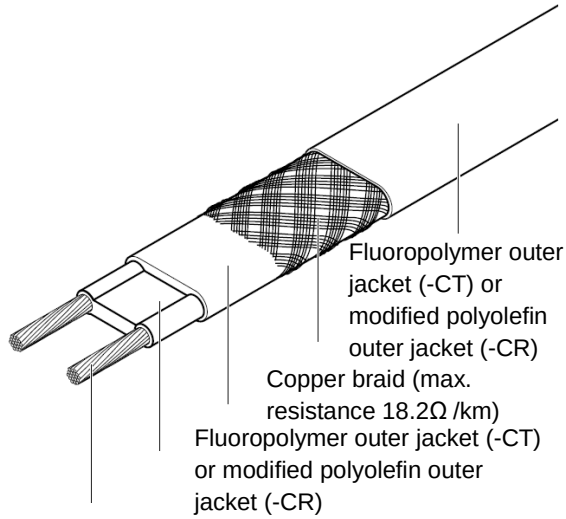
The above numbers are for circuit length estimation only. For more detailed information please contact your local Xuhui representative. Xuhui requires the use of a 30 mA residual current device to provide maximum safety and protection from fire. Where design results in higher leakage current, the preferred 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.

SFTRACE MTV SELF-REGULATING HEATING CABLES CE/EAC

Heating cable construction



Description

The MTV family of self-regulating heating cables provides the solution to freeze-protection, temperature maintenance for pipes, tanks, valves, vessels. MTV heating cables maintain process temperatures up to 110℃ and can withstand intermittent exposure to temperatures up to 130℃.

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, industrial and Ex-area
- 5-year limited warranty against manufacturing defects

Application

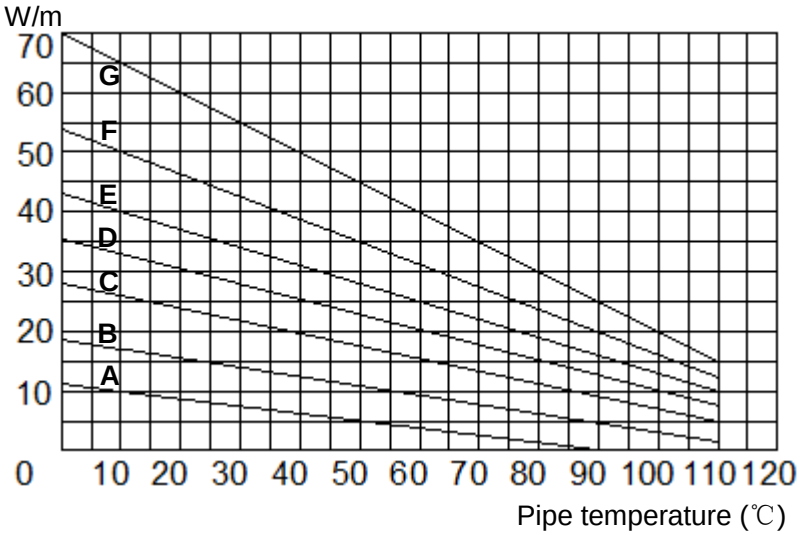
Area classification	Hazardous, Zone 1, Zone 2 (Gas), Zone 21, Zone 22 (Dust) Ordinary
Traced surface type	Carbon steel Stainless steel Painted or unpainted metal
Chemical resistance	For organic corrosives For aggressive organics and corrosives consult your local Xuhui representative

Specifications

Supply voltage	230V Contact your local Xuhui representative for data on other voltages		
Maximum maintain or continuous exposure temperature (power on/off)	110℃		
Maximum intermittent exposure temperature	110℃ (power on) 130℃ (power off) Maximum cumulative exposure 1000 hours		
Temperature classification	T4		
Minimum installation temperature	-40℃		
Minimum bend radius	at 20℃: 13mm at -40℃: 35mm		
Product	MTV-C	MTV-CR	MTV-CT
Thickness (mm)	4.2	5.8	4.8
Width (mm)	12.5	14.1	13.1
Weight (g/m)			

Thermal output rating

		Nominal power output at 230Vac on insulated steel pipes W/m @ 10℃
A	3MTV2-CT	10
B	5MTV2-CT	17
C	8MTV2-CT	26
D	10MTV2-CT	33
E	12MTV2-CT	40
F	15MTV2-CT	50
G	20MTV2-CT	65



Maximum circuit length (m)

based on type “C” circuit breakers according to EN 60898

Electrical protection sizing	Start-up temperature	Maximum heating cable length per circuit (m) 3MTV2 10W/m	5MTV2 17W/m	8MTV2 26W/m	10MTV2 33W/m	12MTV2 40W/m	15MTV2 50W/m	20MTV2 65W/m
16A	10℃	160	130	100	80	70	55	45
	0℃	140	110	80	65	55	45	40
	-20℃	100	80	60	50	40	35	30
	-40℃	80	65	50	40	35	30	25
20A	10℃	190	150	120	100	80	70	60
	0℃	170	140	100	85	70	60	50
	-20℃	130	110	80	65	55	50	40
	-40℃	100	80	60	50	45	40	30
25A	10℃	190	150	120	110	100	90	75
	0℃	190	150	120	100	90	75	65
	-20℃	170	135	100	85	75	65	50
	-40℃	120	95	75	60	55	50	40
32A	10℃	190	150	120	110	100	90	80
	0℃	190	150	120	110	100	90	75
	-20℃	190	150	120	100	90	80	60
	-40℃	150	120	95	80	70	65	50
40A	10℃	190	150	120	110	100	90	80
	0℃	190	150	120	110	100	90	80
	-20℃	190	150	120	110	100	90	75
	-40℃	190	150	120	110	100	85	65

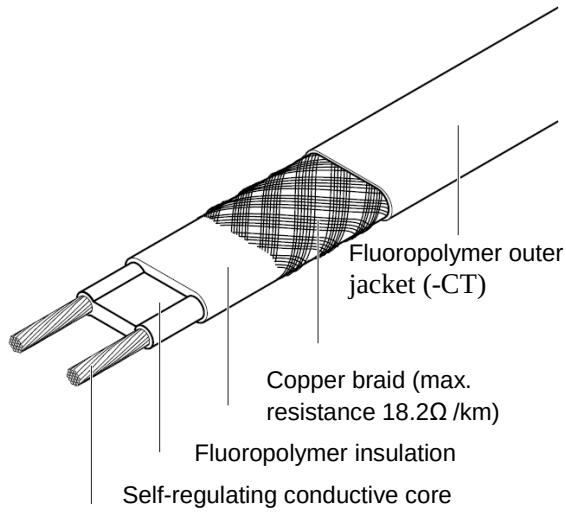
The above numbers are for circuit length estimation only. For more detailed information please contact your local Xuhui representative. Xuhui requires the use of a 30 mA residual current device to provide maximum safety and protection from fire. Where design results in higher leakage current, the preferred 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.

SFTRACE HTV SELF-REGULATING HEATING CABLES CE/EAC

Heating cable construction



Description

The HTV family of self-regulating heating cables provides the solution to freeze-protection, temperature maintenance for pipes, tanks, valves, vessels. HTV heating cables maintain process temperatures up to 120℃ and can withstand intermittent exposure to temperatures up to 200℃.

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, industrial and Ex-area
- 5-year limited warranty against manufacturing defects

Application

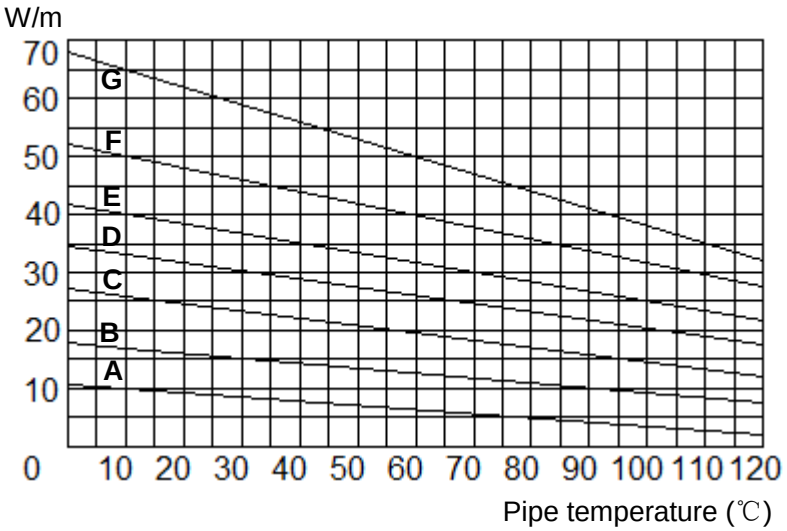
Area classification	Hazardous, Zone 1, Zone 2 (Gas), Zone 21, Zone 22 (Dust) Ordinary
Traced surface type	Carbon steel Stainless steel Painted or unpainted metal
Chemical resistance	For organic corrosives For aggressive organics and corrosives consult your local Xuhui representative

Specifications

Supply voltage	230V Contact your local Xuhui representative for data on other voltages
Maximum maintain or continuous exposure temperature (power on/off)	120℃
Maximum intermittent exposure temperature	120℃ (power on) 200℃ (power off) Maximum cumulative exposure 1000 hours
Temperature classification	T3
Minimum installation temperature	-40℃
Minimum bend radius	at 20℃: 13mm at -40℃: 35mm
Product	HTV-CT
Thickness (mm)	4.6
Width (mm)	12.9
Weight (g/m)	

Thermal output rating

Nominal power output at 230Vac on insulated steel pipes		W/m @ 10℃
A	3HTV2-CT	10
B	5HTV2-CT	17
C	8HTV2-CT	26
D	10HTV2-CT	33
E	12HTV2-CT	40
F	15HTV2-CT	50
G	20HTV2-CT	65



Maximum circuit length (m)

based on type “C” circuit breakers according to EN 60898

Electrical protection sizing	Start-up temperature	Maximum heating cable length per circuit (m)						
		3HTV2	5HTV2	8HTV2	10HTV2	12HTV2	15HTV2	20HTV2
16A	10℃	190	150	110	85	70	55	45
	-20℃	160	110	85	70	55	45	35
20A	10℃	220	180	140	100	85	70	55
	-20℃	200	150	110	85	65	55	45
25A	10℃	235	190	140	110	90	75	60
	-20℃	235	170	130	100	80	65	55
32A	10℃	235	190	140	110	90	75	60
	-20℃	235	190	140	110	90	75	60

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.