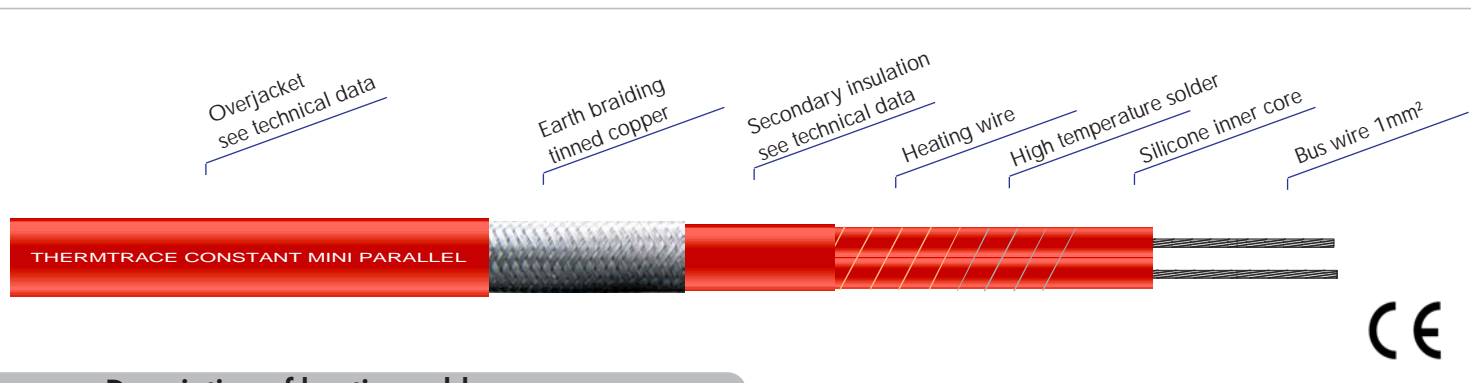


# ThermTrace® Constant Mini (TTCM) parallel heating tape

up to 225°C



## Description of heating cable

*flexible.*  
*Tough.*  
*Braid offers a earth return and screen.*  
*Small in size (easy to fit under insulation).*  
*Are easy to test for ohms & Insulation Resistance.*  
*Has excellent water and UV resistance.*  
*Lead free solder used in the construction.*  
*Translucent core for ease of cutting.*  
*Light weight for ease of handling / carriage.*  
*Excellent temperature withstand range.*  
*Manufactured in nominal lengths of 500m.*

**“TTCM Parallel Circuit Constant Wattage Heating Tape is a high quality Industrial Heating Tape”**

TTCM Heating Tapes were designed for general and industrial applications not just frost protection, they are ideal for use in refrigeration applications, temperature maintenance of small pipe work, gutters and gully's, tanks or any application where the specifications are suitable.

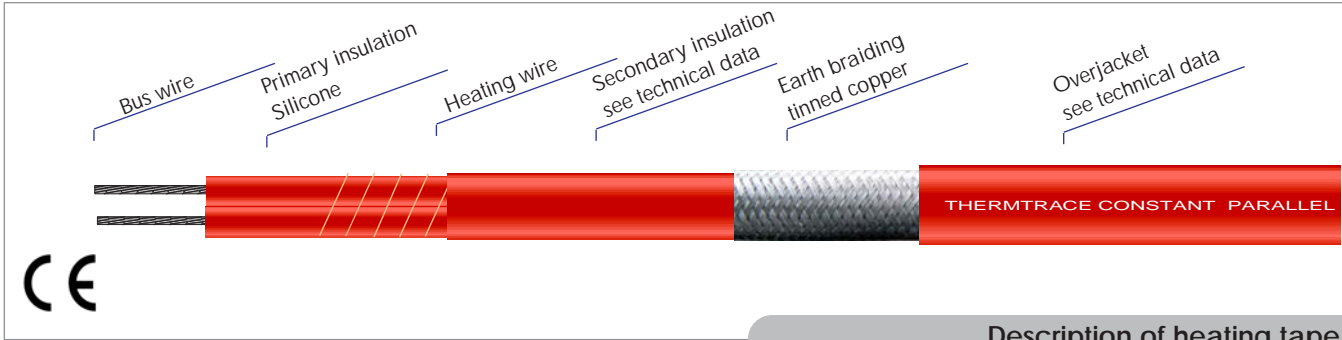
## Technical Data:

Bus wires	Tinned copper 1mm
Core	Translucent 80 Shore Silicone
Resistance element	80/20 NiCr
Solder	High temp., lead free
Primary insulation	80 Shore Silicone
Braiding	Tinned Copper
Outer insulation	80 Shore Silicone
Thickness	7.4mm
Width	11.4mm
Minimum installation temp.	-50°C
Maximum exposure temp.	+225°C
Minimal bending radius	25mm

230V TYPE	MAX LENGTH/ZONE LENGTH	110V TYPE	MAX LENGTH/ ZONE LENGTH
10 TTCM-2-BO	145m/ 1m	10 TTCM-1-BO	70m/1m
15 TTCM-2-BO	110m/1m	20 TTCM-1-BO	55m/1m
20 TTCM-2-BO	95m/1m		
30 TTCM-2-BO	78m/1m	Other wattages and voltages can be manufactured to order	
40 TTCM-2-BO	65m/1m		

up to 225°C

# ThermTrace® Constant (TTC) parallel heating tape



Description of heating tape

- Connection at one end
- Full loading up to nominal temperature
- No connection cable required
- Cut to length
- Constant loading, whatever the length
- Highly flexible

TTC Heating tape is a industrial quality parallel circuit heating . The addition of the braid and silicone outer insulation makes this heating tape tough. TTC heating tape has been designed to be reliable in operation especially in arduous environments, the use of silicone rubber gives good flexibility and a excellent range of temperature withstand. TTC can be used for many applications from frost protection to process heating temperature maintenance and temperature raising.

230V TYPE	MAX LENGTH/ZONE LENGTH	110V TYPE	MAX LENGTH/ ZONE LENGTH
10 TTC-2-BO	200m/ 1m	10 TTC-1-BO	95m/1m
15 TTC-2-BO	150m/1m	15 TTC-1-BO	84m/1m
20 TTC-2-BO	130m/1m	20 TTC-1-BO	73m/1m
30 TTC-2-BO	115m/1m	30 TTC-1-BO	62m/1m
40 TTC-2-BO	100m/1m	40 TTC-1-BO	50m/1m
50 TTC-2-BO	85m/1m	50 TTC-1-BO	42m/1m

## SPECIFICATION

Bus wires	Tinned Copper 1.5mm
Core	80 Shore Silicone Rubber Translucent
Resistance Element	80/20 Nickel/Chrome
Solder	High Temperature Lead Free
Outer Insulation (Both)	80 Shore Silicone Rubber Red & Translucent
Braid	Tinned Copper
Thickness	8.8 mm
Width	12.5 mm
Minimum Temperature	-50°C
Maximum Temperature	+225°C

## Function

Two Tinned Copper Bus wires (1.5mm<sup>2</sup>) are extruded into a Silicone Rubber Core, at a precise distance a Notch is automatically cut into the Silicone Rubber to expose the Tinned Copper Bus wires.

A Resistance Wire Heating Element is wrapped around the Core, this is Soldered to the Tinned Copper Bus wires with a High Temperature Lead Free Solder and Non Corrosive Flux.

A Silicone Rubber inner Insulation is extruded over the completed Core, a Tinned Copper Braid is added. Over this Silicone outer Insulation is extruded.



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**Worldwide Specialists in Electric Heat Tracing**