



**ENGINEERED SOLUTIONS**  
FOR HEATING & SENSING

# FLOOR HEATING CABLES



**MARATHON HEATER (I) PVT.**

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## Advantages

- Easy installation and can be installed in any area in the house and any type of flooring.
- Can be an excellent option for low-energy homes.
- Works quietly from beneath the tiles/plywood.
- Underfloor heating distributes heat where it is needed, resulting in maximum heat efficiency and only very little heat loss.
- Easy to control required temperature in all weather by digital temperature controller with thermostat.
- For optimal protection, Marathon floor heating cables are insulated using PTFE on both the conductors and PVC (HR-FR) on the outer jacket.
- Marathon floor heating cables have been developed particularly to deliver primary heating beneath a variety of flooring. To facilitate 'tape-down' installation, the cables are also available into the preassembled fiber glass mats.

## Features

<b>Shielding Coverage</b>	100% Coverage
<b>Bending Radius</b>	5 times of cable thickness
<b>Jacketing</b>	Heat Resistant and Flame Retardant Jacketing
<b>Flexibility of Cable</b>	Excellent Flexibility for easy installation
<b>Long Cold Lead</b>	3.5 meter cold tail (Can be customized as per requirement)
<b>Comfort</b>	Higher degrees of comfort can be achieved by using heating cables with close and consistent spacing, as well as thermostat to determine temperature needs.
<b>Range</b>	Standard heat loads are available in 113 watt to 1500 watt. As part of the offered product range, several sizes for various types / sizes of flooring are also available.
<b>Custom-Built</b>	In addition to this broad range, cables can be customized to meet specific length requirements, as well as heat loads and voltage needs.

## Application

- Remove any trash and sharp protrusions from the subfloor.
- Prior to installation, consider deflection and structural factors.
- Before installing the cable, check its applicability according to the instructions.
- Prior to putting floor coverings, consider using a scratch coat or a thin leveler.
- Install Heat Resistant Insulation Sheet if want to reduce heat loss (Optional).
- Install Marathon Floor Heating Cable on Plastic Molded Spacer or Aluminium Mounting Tape or similar spacer according to the manufacturer's installation directions.
- Set up a digital temperature controller with thermostat for sensing the floor.
- Install the floor covering according to the manufacturer's directions.

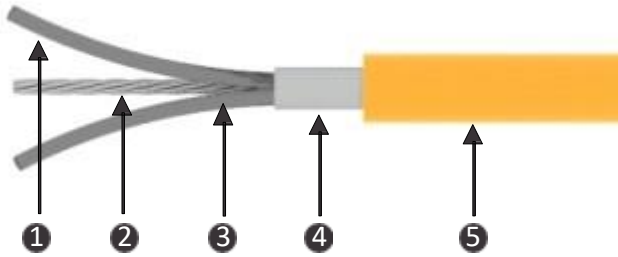


## Maintenance & Warranty

Marathon floor heating cable requires no maintenance for the remainder of its warranted life when installed according to the installation instructions and adequate testing has been completed throughout.

Marathon warranty protects the Marathon heating cable for a period of 20 years against manufacturer's faults.

## FLOOR HEATING CABLE (FHC-SP-15.7)



- 1 PTFE Insulated Heating Element
- 2 Multi-strand Earth Wire
- 3 PTFE Insulated Return Wire
- 4 Al Foil for 100% Shielding
- 5 PVC (HR-FR) Insulated Outer Jacket

### Construction

Element Conductor size	0.013mm <sup>2</sup> / 0.36mm <sup>2</sup> CuNi/SS/Kanthal/Cu- Single Core
Insulation	PTFE
Shielding	Aluminium Foil For 100% Coverage
Earth Wire	TPC 1.0mm - 1.25mm (0.75mm <sup>2</sup> - 1.13mm <sup>2</sup> ) (Multi-strand)
Jacket	PVC (HR-FR)
Power Output per Meter	15.7 Watt / Meter
Standard Voltage	230 Volt AC

### Range

Model	Watts	Cable Length (Meter)
FHC-SP-15.7-113	113	7.50
FHC-SP-15.7-150	150	10.00
FHC-SP-15.7-188	188	12.50
FHC-SP-15.7-225	225	15.00
FHC-SP-15.7-263	263	17.50
FHC-SP-15.7-300	300	20.00
FHC-SP-15.7-338	338	22.50
FHC-SP-15.7-375	375	25.00
FHC-SP-15.7-450	450	30.00
FHC-SP-15.7-525	525	35.00
FHC-SP-15.7-600	600	40.00
FHC-SP-15.7-675	675	45.00
FHC-SP-15.7-750	750	50.00
FHC-SP-15.7-900	900	60.00
FHC-SP-15.7-1050	1050	70.00
FHC-SP-15.7-1200	1200	80.00
FHC-SP-15.7-1350	1350	90.00
FHC-SP-15.7-1500	1500	100.00