



**Controlled
Temperature
solution**

FLEXOTHERM

(Heating Tapes/Cords)

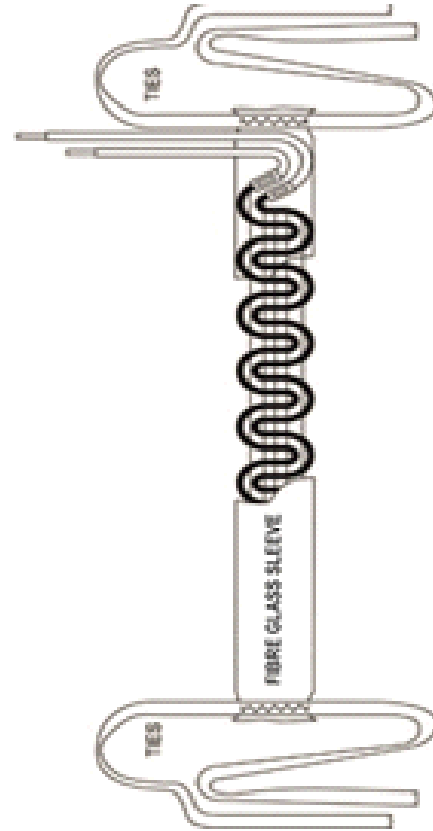
Tempo≡

Controlled Temperature Solution

www.tempoinstruments.com

Tempo Instruments Manufacturers of Flexible surface heaters with experience in Design, Engineering and Manufacturing of Flexible electric heaters and controls since 1951 to bring customer the very best product.

Heavy Insulated Heating Tapes (350°C)



- Lead Wires on one end
- Spiral Heating Element design to give better temperature uniformity.
- Heavy Braided Fibre Glass Outer Cover.
- 350°C High Temperature Capability for continuous use.
- Robust & Flexible Element.
- Lower Watt Density, enhancing longer life through better distribution of heat. (Lower watts per cm of wire)
- 25mm wide tapes may be easily applied to diameters as small as 12mm.
- Temperature controller system (Digital / Thermostatic) can be provided for display, monitoring and safe operation.

HEATING TAPE - HIGH WATT DENSITY

Cat. No.	Size (Width x Length mm)	Wattage	Voltage
TI-681-HIT-H2	25mm x 600mm	310	230
TI-681-HIT-H4	25mm x 1200mm	620	230
TI-681-HIT-H6	25mm x 1800mm	930	230
TI-682-HIT-H2	25mm x 600mm	310	110
TI-682-HIT-H4	25mm x 1200mm	620	110
TI-682-HIT-H6	25mm x 1800mm	930	110

Customised Design Available
Contact TEMPO for your custom requirements.

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HEATING TAPE - MEDIUM WATT DENSITY

Cat. No.	Size (Width x Length)	Wattage	Voltage
TI-681-HIT-M2	25mm x 600mm	210	230
TI-681-HIT-M4	25mm x 1200mm	420	230
TI-681-HIT-M6	25mm x 1800mm	630	230
TI-682-HIT-M2	25mm x 600mm	210	110
TI-682-HIT-M4	25mm x 1200mm	420	110
TI-682-HIT-M6	25mm x 1800mm	630	110

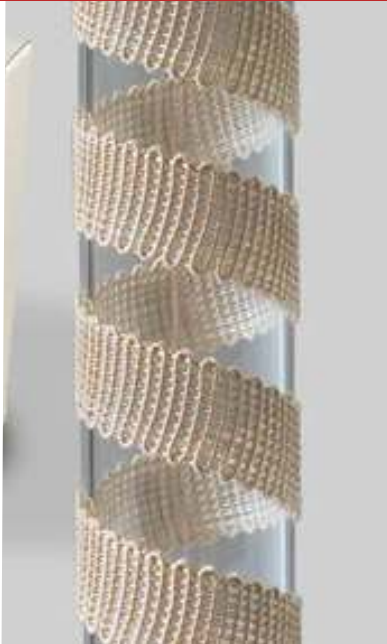
HEATING TAPE - LOW WATT DENSITY

Cat. No.	Size (Width x Length)	Wattage	Voltage
TI-681-HIT-L2	25mm x 600mm	80	230
TI-681-HIT-L4	25mm x 1200mm	160	230
TI-681-HIT-L6	25mm x 1800mm	230	230
TI-682-HIT-L2	25mm x 600mm	80	110
TI-682-HIT-L4	25mm x 1200mm	160	110
TI-682-HIT-L6	25mm x 1800mm	230	110

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Standard Insulated Heating Tapes (350°C) (For Non Conducting surfaces)



HEATING TAPE - MEDIUM WATT DENSITY

Cat. No.	Size (Width x Length)	Wattage	Voltage
TI-681-SIT-M2	25mm x 600mm	210	230
TI-681-SIT-M4	25mm x 1200mm	420	230
TI-681-SIT-M6	25mm x 1800mm	630	230
TI-682-SIT-M2	25mm x 600mm	210	110
TI-682-SIT-M4	25mm x 1200mm	420	110
TI-682-SIT-M6	25mm x 1800mm	630	110

HEATING TAPE - LOW WATT DENSITY

Cat. No.	Size (Width x Length)	Wattage	Voltage
TI-681-SIT-L2	25mm x 600mm	80	230
TI-681-SIT-L4	25mm x 1200mm	160	230
TI-681-SIT-L6	25mm x 1800mm	230	230
TI-682-SIT-L2	25mm x 600mm	80	110
TI-682-SIT-L4	25mm x 1200mm	160	110
TI-682-SIT-L6	25mm x 1800mm	230	110

- These Tapes are recommended for use on non-conductive surfaces such as glass or ceramic. (Not recommended for Conductive surfaces such as metal etc)
- Lead Wires on one end
- Spiral Heating Element design to give better temperature uniformity.
- 350°C High Temperature Capability for continuous use.
- Robust & Flexible Element.
- Lower Watt Density, enhancing longer life through better distribution of heat. (Lower watts per cm of wire)
- 25mm wide tapes may be easily applied to diameters as small as 12mm.
- Temperature controller system (Digital / Thermostatic) can be provided for display, monitoring and safe operation.

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Silicon Heating Tape (180°C)



- Lead Wires on one end
- Extruded Silicone Rubber Outer Cover
- Max operation Temperature 180°C
- Moisture Resistant Construction.
- The Silicone Rubber Extrusion uses a low durometer with heat additives to produce the maximum exposure and continuous operating temperature capability, Longer Life, Lower Watt Density.
- Lower watts per inch of wire, enhances longer Life through better distribution of heat.
- Ultimate flexibility. 25mm wide tapes may, be easily applied to diameters as small as 12mm.
- Safe to use on conductive surfaces such as metal tubing.
- Temperature controller system (Digital / Thermostatic) can be provided for display, monitoring and safe operation.

SILICON HEATING TAPE - 180°C

Cat. No.	Size (Width x Length)	Wattage	Voltage
TI-681-SIL-L2	25mm x 600mm	100	230
TI-681-SIL-L4	25mm x 1200mm	200	230
TI-681-SIL-L6	25mm x 1800mm	310	230
TI-682-SIL-L2	25mm x 600mm	100	110
TI-682-SIL-L4	25mm x 1200mm	200	110
TI-682-SIL-L6	25mm x 1800mm	310	110

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Flexible Insulated Heating Cord (400°C)

- Designed for use on small tubes, vessels, or any application where space is limited.
- Heating cords are used when heating tapes are too bulky or cumbersome
- Ideal for laboratory, R&D, gas tubing, production, maintenance, temporary heat, and more...
- These 6 mm diameter cords solve a wide range of limited-space heating applications in laboratory, production, Industrial applications.
- 400°C High Temperature Capability for continuous use.
- Rapid thermal response.
- Temperature controller system (Digital / Thermostatic) can be provided for display, monitoring and safe operation.



HIGH WATTAGE- RAPID HEATING CORDS (642 SERIES)

Cat. No.	Length (mm)	Wattage	Voltage
TI-641-INS-H1	1000mm	200	230
TI-641-INS-H2	2000mm	400	230
TI-641-INS-H3	3000mm	600	230
TI-641-INS-H4	4000mm	800	230
TI-641-INS-H5	5000mm	1000	230

LOW WATTAGE – HEATING CORDS (64 SERIES)

Cat. No.	Length (mm)	Wattage	Voltage
TI-64 A	2500 x 3 Cords	125 x 3	230
TI-64 B	5000 x 3 Cords	250 x 3	230
TI-64 C	10000 x 3 Cords	500 x 3	230
TI-64 D	20000 x 3 Cords	1000 x 3	230

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Silicon Heating Cord(100°C)

- Heating Cords with Silicone Rubber Cover provided for use on Conductive and moisture surface.
- Safe for use with metal and electrically conductive surfaces.
- Widely used in application involving condensation prevention etc
- Maximum exposure temperature - (Removable & reusable use 100°C)
- Temperature controller system (Digital / Thermostatic) can be provided for display, monitoring and safe operation.



Cat. No.	Length (mm)	Wattage	Voltage
TI-641-SIL-L1	1000mm	40	230
TI-641-SIL-L2	2000mm	80	230
TI-641-SIL-L3	3000mm	120	230
TI-641-SIL-L4	4000mm	160	230
TI-641-SIL-L5	5000mm	200	230

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TEMPERATURE CONTROL OPTIONS



Thermostatic Temperature Control

With copper bulb and capillary

Compact portable design

Plug-in operation



Digital Temperature Control

Digital on/off controller

Compact portable design

Plug-in operation

Advanced PID control

RTD or Type-K thermocouple input



Time Percentage Controller

A time percentage control varies the proportion (length) of time the heater is in the on or off heating mode. The controller does not use a temperature sensor therefore satisfactory operation required continues supervision under changing load condition.

Tempo **INSTRUMENTS PVT. LTD.**

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