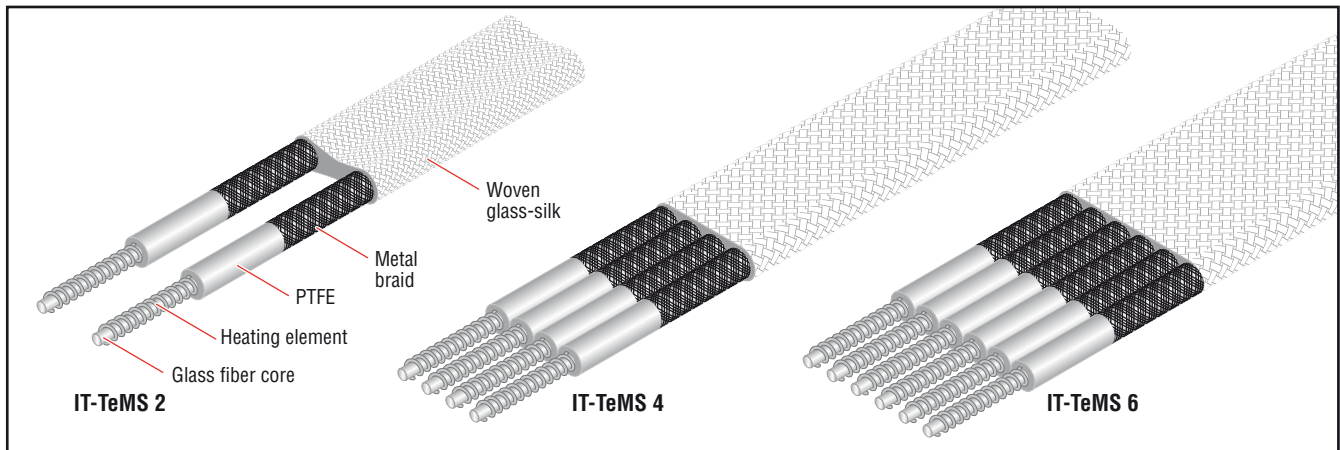


## PTFE insulated heating tape

Isopad IT-TeMS is a preterminated and flexible heating tape. IT-TeMS 2 is used in applications ranging from simple frost protection to temperature maintenance on short pipework and apparatus as well as for general container heating applications.

If more power is required, the use of the TeMS 4 or TeMS 6 heating tapes is recommended. The parallel arrangement of the heating conductors ensures a wide heat-transfer surface.

The temperature depends on the power and application. Please make sure that the heating tape does not exceed the maximum withstand temperature.



### Area Specifications

Area classification	Nonhazardous, ordinary area
Ingress protection	IP64
Electrical protection class	Class I
Maximum withstand temperature (power off)	260°C

### Standard Manufacturing Sizes

Width	IT-TeMS 2 is 25 mm, IT-TeMS 4 is 26 mm, IT-TeMS 6 is 27 mm $\pm 10\%$
Thickness	4 mm $\pm 10\%$

### Heater Construction

Type	Resistance heating cable
Material	Various alloys
Material insulation	PTFE (Silicone Connector / Terminator)
Material of outer sheath	Woven glass-silk

### Lead Connection

Connection length	1.5 m
Cross section	3 x 1.5 mm <sup>2</sup>
Maximum operating temperature	180°C
Insulation material	Silicone

**Technical Data**

Frequency	50-60 Hz
Nominal operating voltage	230 Vac
Maximum operating temperature	260°C
Minimum bend radius	10 mm
Minimum spacing	5 mm

**Ordering Information**

<b>IT-TeMS 2</b>	<b>Part number</b>	<b>Length<sup>(1)</sup> (m)</b>	<b>Nominal Power<sup>(2)</sup> (W)</b>	<b>Nominal Voltage (Vac)</b>
	584 216-000	1.10	50	230
	411 376-000	2.20	100	230
	067 444-000	3.50	140	230
<b>Other lengths and power specifications, etc., available on request</b>	846 778-000	5.50	250	230
	700 890-000	8.00	340	230
	426 148-000	11.00	500	230
	943 982-000	14.00	610	230
	852 336-000	18.00	730	230
<b>IT-TeMS 4</b>	458 786-000	1.10	100	230
	149 158-000	2.20	200	230
<b>Other lengths and power specifications, etc., available on request</b>	802 292-000	3.50	280	230
	124 922-000	5.50	490	230
	299 284-000	8.00	670	230
	718 760-000	11.00	990	230
	927 204-000	14.00	1260	230
<b>IT-TeMS 6</b>	755 718-000	1.00	160	230
	533 964-000	2.00	330	230
<b>Other lengths and power specifications, etc., available on request</b>	184 778-000	3.00	490	230
	824 016-000	5.00	820	230
	064 196-000	7.00	1150	230
	744 968-000	10.00	1640	230

<sup>(1)</sup> Tolerances <2000 mm ± (1% + 50 mm)  
>2000 mm ± (2% + 100 mm)

<sup>(2)</sup> Tolerances ±10%