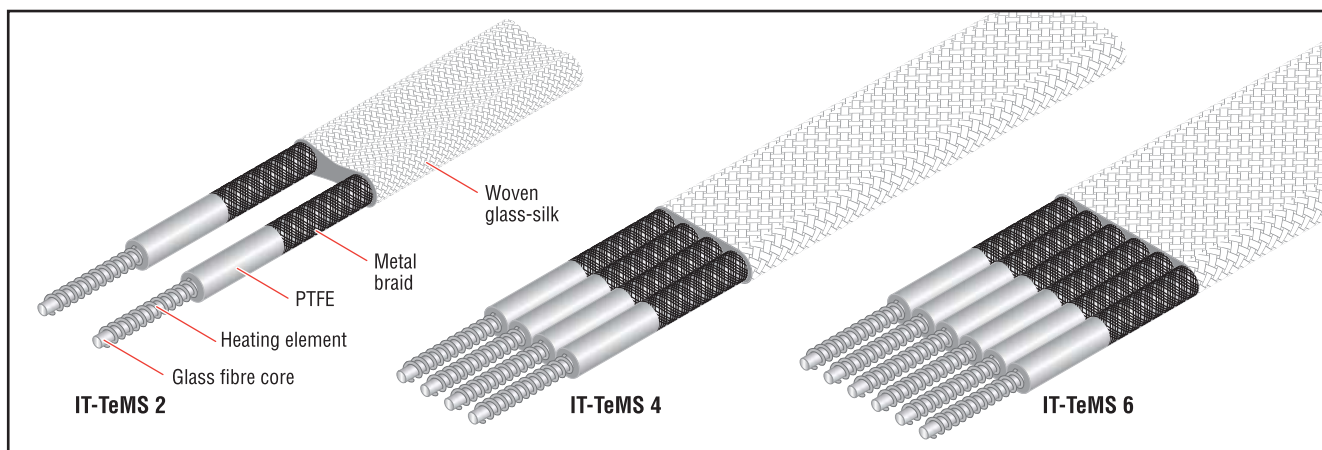


PTFE insulated heating tape

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
Material of outer sheath	Woven glass-silk

Lead Connection

Connection length	1.5 m
Cross section	3 x 1.5 mm ²
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

IT-TeMS 2	Part number	Length ⁽¹⁾ (m)	Nominal Power ⁽²⁾ (W)	Nominal Voltage (Vac)	
	584 216-000	1.10	50	230	
	411 376-000	2.20	100	230	
	067 444-000	3.50	140	230	
Other lengths and power specifications, etc., available upon request	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	
IT-TeMS 4	458 786-000	1.10	100	230	
	149 158-000	2.20	200	230	
	802 292-000	3.50	280	230	
	Other lengths and power specifications, etc., available upon request	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
IT-TeMS 6	755 718-000	1.00	160	230	
	533 964-000	2.00	330	230	
	Other lengths and power specifications, etc., available upon request	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

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

⁽²⁾ Tolerances ±10%