

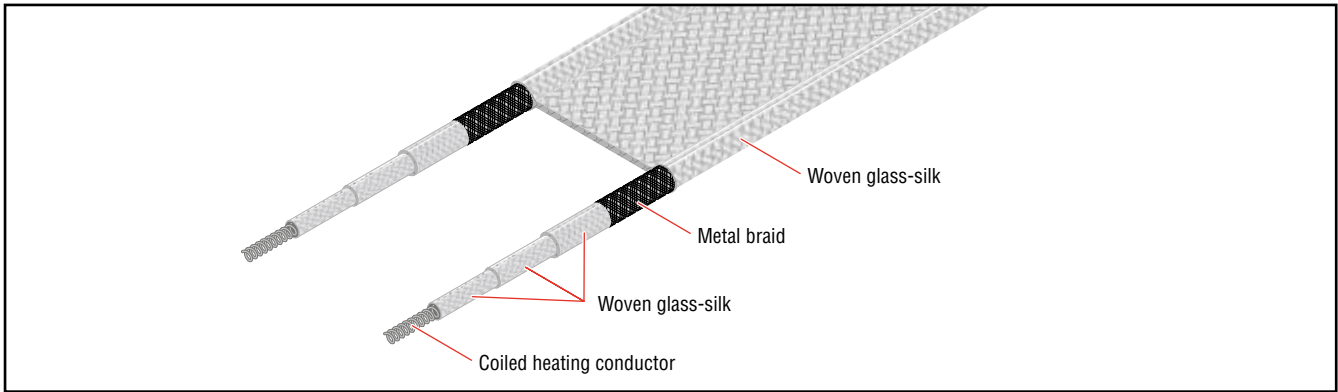
## Glassfibre-insulated heating tape

Isopad IT-S45 is a preterminated, flexible heating tape consisting of a glassfibre insulated, flexible fabric weave with interior heating conductors. The protective overbraid of the coiled heating conductors

meets the requirements of Protection Class I.

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

This heating tape is typically used for heating up and compensating for heat losses on short pipes and small-sized structures. The heating tape is not moisture-protected and must only be used in dry areas.



### Area Specifications

Area classification	Nonhazardous, ordinary area
Ingress protection	IP20
Electrical protection class	Class I
Maximum withstand temperature (power off)	450°C
Storage temperature	-40 to +50°C
Minimum installation temperature	-40°C

### Standard Manufacturing Sizes

Width	30 mm ±10%
Thickness	5 mm ±10%

### Heater Construction

Type	Resistance heating cable
Material	Nickel-chrome-alloy
Material of insulation	Glass-silk
Material of outer sheath	Copper-nickel braid
Carrier	Glass-silk woven fabric

### Lead Connection

Connection length	1.0 m
-------------------	-------

**Lead Connection**

Cross section	2 x 1.0 mm <sup>2</sup>
Maximum operating temperature	200°C
Insulation material	PTFE

**Technical Data**

Frequency	50-60 Hz
Nominal operating voltage	230 Vac
Power per meter	250 W/m
Maximum operating temperature	450°C
Minimum bend radius	15 mm
Minimum spacing	5 mm

**Ordering Information**

	<b>Part number</b>	<b>Length<sup>(1)</sup> (m)</b>	<b>Nominal Power<sup>(2)</sup> (W)</b>	<b>Nominal Voltage (Vac)</b>
	386552-000	0.5	100	230
	542364-000	1.0	250	230
	051330-000	1.5	375	230
<b>Other lengths and power specifications, etc., available upon request</b>	111280-000	2.0	500	230
	870574-000	2.5	625	230
	873740-000	3.0	750	230
	596276-000	4.0	1000	230
	932450-000	5.0	1250	230

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

<sup>(2)</sup> Tolerances ±10%