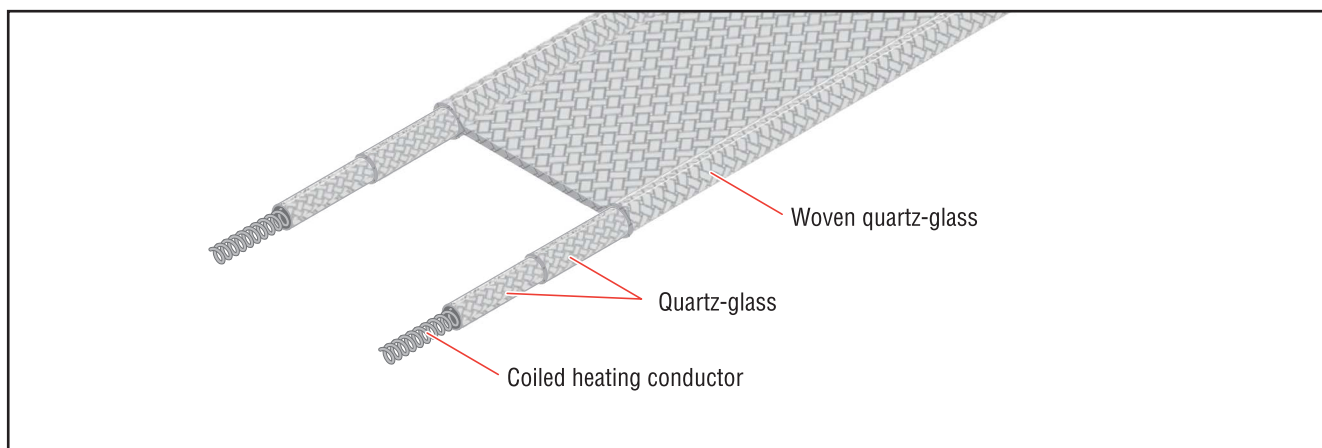


## Quartz-glass insulated heating tape

Isopad IT-H heating tape is suitable where high power input is needed or where work has to be carried out at high temperatures.

The high-quality quartz glass allows a working element temperature of up to 900°C. This tape should only be used in

dry atmospheres with additional electrical protection and always with a temperature regulator.



### Area Specifications

Area classification	Nonhazardous, ordinary area
Ingress protection	IP20
Electrical protection class	See note
Maximum withstand temperature (power off)	900°C
Storage temperature	-40 to +50°C
Minimum installation temperature	-50°C

Note: These are components for further installation. The protective arrangements of Protection Class I or Class II must be followed during installation of the components and are the responsibility of the assembly company. Please refer to the manual for further information.

### Standard Manufacturing Sizes

Width	30 mm ±10%
Thickness	6 mm ±10%

### Heater Construction

Type	Resistance heating cable
Material	Nickel-chrome-alloy
Material of insulation	Quartz-glass
Material of outer sheath	Woven quartz-glass

### Lead Connection

Connection length	0.35 m
Cross section	2 x 1.5 mm <sup>2</sup>
Maximum operating temperature	450°C
Insulation material	Glass-silk

**Technical Data**

Frequency	50-60 Hz
Nominal operating voltage	230 Vac
Power per meter	Maximum 380 W/m
Maximum operating temperature	900°C
Minimum bend radius	15 mm
Minimum spacing	5 m

**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>
<b>Outer lengths and power specifications, etc., available upon request</b>	740644-000	0.5	180	230
	802236-000	1.0	380	230
	433904-000	1.5	540	230
	965602-000	2.0	760	230
	890228-000	2.5	930	230
	444118-000	3.0	1090	230

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

<sup>(2)</sup> Tolerances ±10%