

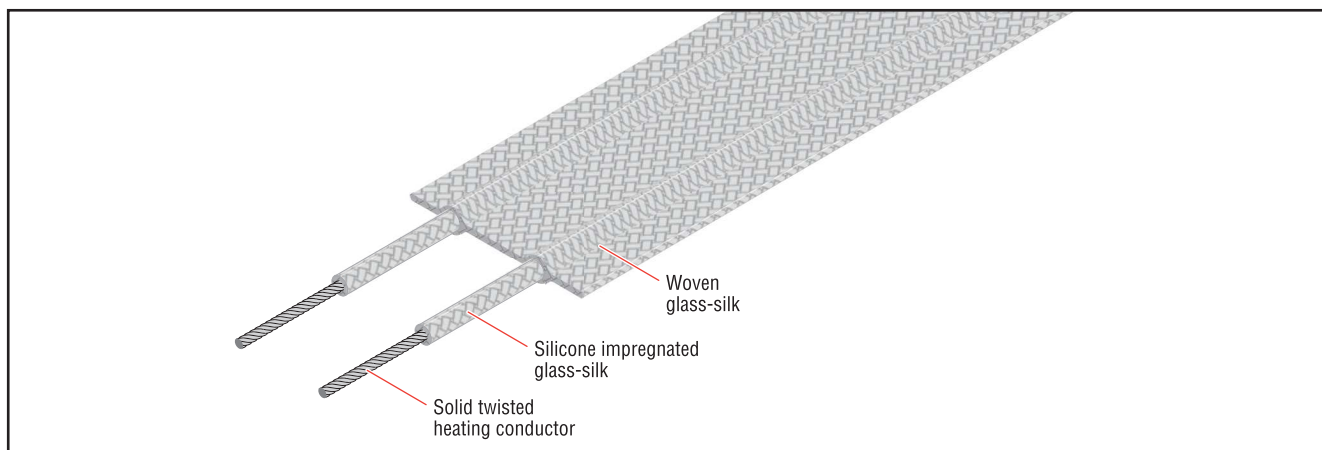
## Glassfibre-insulated heating tape

Isopad IT-ITH is a factory-terminated heating tape with go-and-return series resistance heating elements. They are suitable for high temperature applications

in indoor locations or areas where there is no risk of moisture ingress.

It is electrically insulated with a silicone varnished glass braid and the heating

element is enclosed in a glass woven carrier and terminated with cold tails and a M20 gland.



### Area Specifications

Area classification	Nonhazardous, ordinary area
Ingress protection	IP20
Electrical protection class	See note
Maximum withstand temperature (power off)	450°C
Storage temperature	-20 to +50°C
Minimum installation temperature	-20°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	4 mm ±10%

### Heater Construction

Type	Resistance heating cable
Material	Various alloys
Material of insulation	Glass-silk
Material of outer sheath	Woven glass-silk

### Lead Connection

Connection length	0.6 m
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**Lead Connection**

Cross section	2 x 1.0 mm <sup>2</sup>
Maximum operating temperature	450°C
Insulation material	Glass-silk

**Technical Data**

Frequency	50-60 Hz
Nominal operating voltage	240 / 110 Vac
Power per meter	75 / 150 W/m
Maximum operating temperature	450°C
Minimum bend radius	15 mm
Minimum spacing	5 mm

**Ordering Information**

Power per meter		75 W/m		150 W/m		
Nominal voltage	Part number	Length <sup>(1)</sup> (m)	Nominal Power <sup>(2)</sup> (W)	Part number	Length <sup>(1)</sup> (m)	Nominal Power <sup>(2)</sup> (W)
240 V	127826-000	1.1	87	698158-000	0.8	120
	355644-000	2.2	164	492204-000	1.5	240
	264108-000	3.1	232	514720-000	2.2	327
	973710-000	3.9	295	325606-000	2.8	411
	278420-000	5.1	376	979028-000	3.6	533
	868414-000	6.7	496	930930-000	4.7	707
	466228-000	8.4	618	298266-000	5.9	880
	170822-000	9.2	681	056372-000	6.5	963
	219944-000	10.1	743	002600-000	7.1	1056
	-	-	-	596744-000	8.3	1226
110 V	587656-000	1.1	69	666324-000	0.8	126
	889796-000	2.2	138	426438-000	1.5	202
	975976-000	3.1	225	493776-000	2.2	317
	205392-000	3.9	280	563450-000	2.8	389
	558546-000	5.1	384	200410-000	3.6	544
	045818-000	6.7	438	878192-000	4.7	625
	410820-000	8.4	558	468368-000	5.9	795
	171030-000	9.2	674	961370-000	6.5	954

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

<sup>(2)</sup> Tolerances ±10%