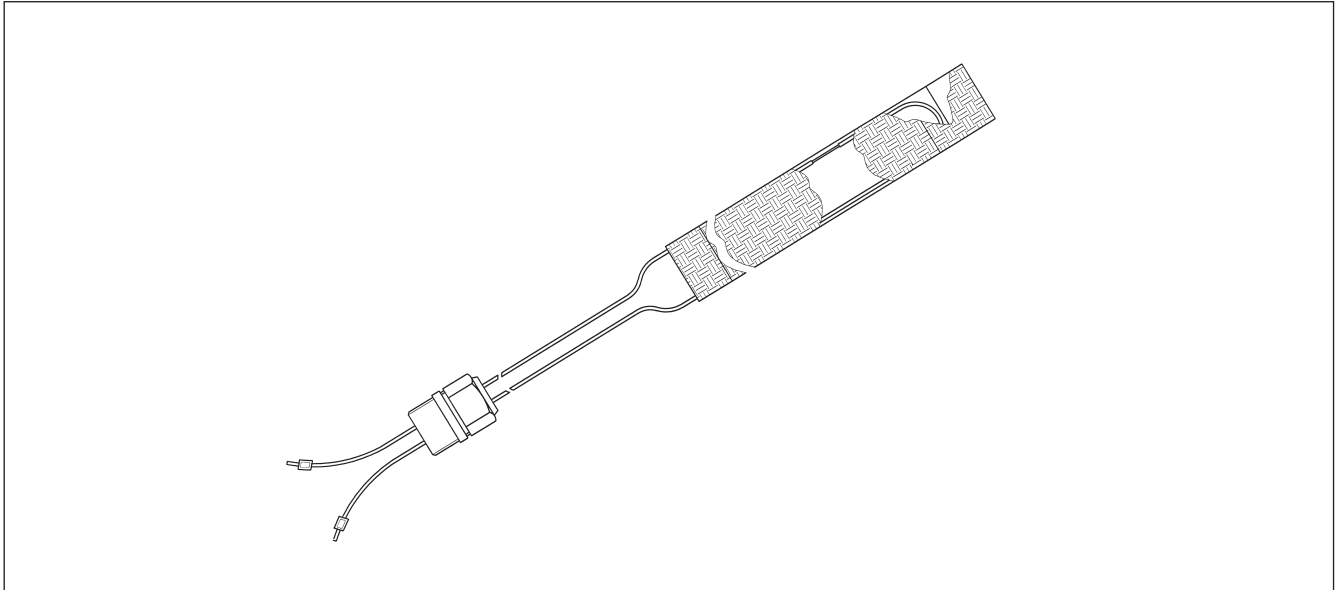


## Constant wattage mineral insulated heating tape (for non hazardous area use)

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

tions or areas where there is no risk of moisture ingress. ITH is electrically insulated with a silicone varnished glass braid and the heating

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



**Size** 25 mm wide x 4 mm thick

### Specification

Nominal power output	75 and 150 W/m
Supply voltage (AC)	240 V or 110 V
Loading tolerance	± 10% of total watts
Area classification	Non-hazardous, dry locations
Maximum withstand temperature (de-energised)	450°C
Maximum pipe temperature	Up to 375°C loading dependent
Minimum ambient temperature	-20°C

### Construction

Heating element	Copper and nickel alloys
Electrical insulation	Glass braid silicone varnished
Carrier	Glass weave

### Termination

Cold lead	350 mm long stranded nickel with glass braid silicone varnish electrical insulation
Gland	M20
Terminating tails	150 mm long

**Standard lengths and loadings table**

Output Voltage	75 W/m				150 W/m			
	Usable length (m)	Total watts	Max. pipe temp.	Part No.	Usable length (m)	Total watts	Max. pipe temp.	Part No.
240 V	1.1	87	375°C	127 826-000	0.8	120	290°C	698 158-000
	2.2	164	375°C	355 644-000	1.5	240	290°C	492 204-000
	3.1	232	375°C	264 108-000	2.2	327	290°C	514 720-000
	3.9	295	375°C	973 710-000	2.8	411	290°C	325 606-000
	5.1	376	375°C	278 420-000	3.6	533	290°C	979 028-000
	6.7	496	375°C	868 414-000	4.7	707	290°C	930 930-000
	8.4	618	375°C	466 228-000	5.9	880	290°C	298 266-000
	9.2	681	375°C	170 822-000	6.5	963	290°C	056 372-000
	10.1	743	375°C	219 944-000	7.1	1056	290°C	002 600-000
	--	--	--	--	8.3	1226	290°C	596 744-000
	--	--	--	--	9.5	1397	290°C	880 458-000
110 V	--	--	--	--	10.7	1574	290°C	767 952-000
	1.1	69	375°C	587 656-000	0.8	126	290°C	666 324-000
	2.2	138	375°C	889 796-000	1.5	202	290°C	426 438-000
	3.1	225	375°C	975 976-000	2.2	317	290°C	493 776-000
	3.9	280	375°C	205 392-000	2.8	389	290°C	563 450-000
	5.1	384	275°C	558 546-000	3.6	544	200°C	200 410-000
	6.7	438	275°C	045 818-000	4.7	625	200°C	878 192-000
	8.4	558	275°C	410 820-000	5.9	795	200°C	468 368-000
9.2	674	275°C	171 030-000	6.5	954	200°C	961 370-000	

**Ordering details**

Part description	ITH
Part No.	See table above

[www.isopad.de](http://www.isopad.de)
[www.tycothermal.com](http://www.tycothermal.com)

Isopad – a brand of Tyco Thermal Controls GmbH.

*Important: All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their particular application. Tyco Thermal Controls makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. Tyco Thermal Controls' only obligations are those in the Tyco Thermal Controls Standard Terms and Conditions of Sale for this product, and in no case will Tyco Thermal Controls or its distributors be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of the product. Specifications are subject to change without notice. In addition, Tyco Thermal Controls reserves the right to make changes, without notification to the Buyer, to processing or materials that do not affect compliance with any applicable specification.*

*Flow Control*
**Tyco Thermal Controls**

**Tyco Thermal Controls GmbH**  
 Englerstr. 11  
 D-69126 Heidelberg  
 Phone +49 (0) 62 21 30 43-0  
 Fax +49 (0) 62 21 30 43-956

**Tyco Thermal Controls**  
 Staatsbaan 4A 692  
 B-3210 Lubbeek  
 Phone +32 (0) 16-2135 11  
 Fax +32 (0) 16-2136 00

**Tyco Thermal Controls Limited**  
 3 Rutherford Road,  
 Stephenson Industrial Estate,  
 GB-Washington,  
 Tyne and Wear NE37 3HX  
 Phone +44 (0) 191 419 8200  
 Fax +44 (0) 191 419 8201

We manage the heat you need