



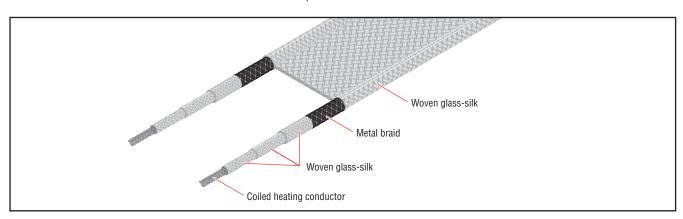
Glassfibre-insulated heating tape

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			
Туре	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		

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Lead Connection		
Cross section	2 x 1.0 mm ²	
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	

5 mm

932450-000

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

5.0

1250

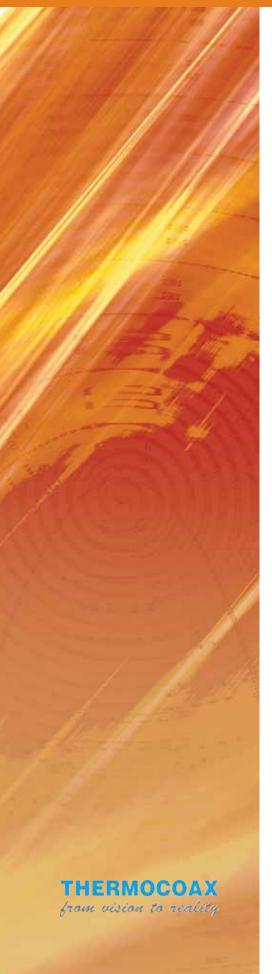
230

Minimum spacing

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

 $^{^{(2)}}$ Tolerances $\pm 10\%$









France:

THERMOCOAX SAS

40 Bd Henri Sellier F 92156 SURESNES Cedex Tél.: +33 1 41 38 80 50 Fax: +33 1 41 38 80 70 info@thermocoax.com

Germany:

THERMOCOAX ISOPAD GmbH

Englerstrasse 11 D-69 126 HEIDELBERG Tél.: +49 6221 3043-0 Fax: +49 6221 3043-956 isopad.info@thermocoax.com

USA:

THERMOCOAX Inc.

6825 Shiloh Road East, Ste B-3

ALPHARETTA, GA 30005 Tél.: +1 800 298 3345 Fax: +1 678 947 4450 info@thermocoax.us

UK:

THERMOCOAX UK Ltd.

Office N° 5 Manor Farm Aubourn. Lincolnshire LN5 9DX Tél.: +44 (1522) 789 900 Fax: +44 (1522) 789 902 info-uk@thermocoax.com

CHINA:

法国热缆公司

四川省成都市蛟龙工业港双流园

区涪江路11座

电话:13701325459 info-china@thermocoax.com

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