



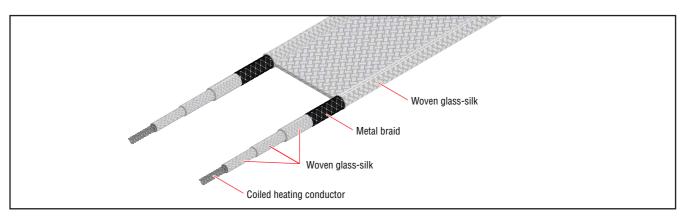
Glassfibre-insulated heating tape

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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IT-S45

Lead Connection		
Cross section	2 x 1.0 mm ²	
Maximum operating temperature	200°C	
Insulation material	PTFE	
Thousand material		
Technical Data		

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

	Orde	ring	Infori	mation
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	Part number	Length ⁽¹⁾ (m)	Nominal Power ⁽²⁾ (W)	Nominal Voltage (Vac)
Other lengths and power specifications, etc., available upon request	386552-000	0.5	100	230
	542364-000	1.0	250	230
	051330-000	1.5	375	230
	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

⁽¹⁾ Tolerances <2000 mm ± (1% + 50 mm) >2000 mm ± (2% + 100 mm) (2) Tolerances ±10%

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