



HEATING TAPES AND HEATING CORDS

Applications

In laboratories and experimental facilities where an easily employed system is desired to heat shapes and parts to high temperatures or where it is important to ensure short heating-up periods.

Advantages

- Very high and constant heating power per metre
- High operating temperature
- Extremely flexible
- Quick and easy installation

Please note:

- The high Power (W/m) requires a good heat-transfer contact with the heated object.
- Constant W/m heat output independent of pipe or surface temperature.
- To avoid overheating heating tapes or cords must be laid in such a way that they are not in close contact with each other or overlapping.
- The surface temperature of the (switched on) heating system is always higher than the pipe temperature.
- Install a temperature controller to ensure that the specified maximum temperature is not exceeded.

HEATING TAPE WBS00202

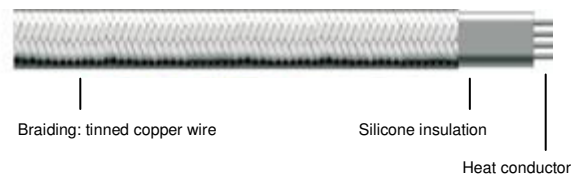
T_{max} = 200 °C

Structure

- 4 heat conductors
- Silicone-insulated
- Outer braiding: tinned copper wire
- Factory-terminated, vulcanized mains connection

TECHNICAL DATA

Heat conductor temp.	Max. 200 °C
Heating Power	50 / 75 / 100 W/m
Nominal Voltage	230 VAC
Power Tolerance	+/- 10%
Heating tape length	According to list
Mains connection	Terminated ready for connection 1.00 m
Insulation Material	Silicone rubber with protective conductor braiding
Construction Type	Moisture resistant
Dimensions	12.0 x 6.4 mm
Min. Bending radius	> 9 mm



HEATING TAPE WBS00202

(50 W/m) (230 VAC*)

Length (m)	Power (W +/- 10%)	Delivery	Article No.
			WBS00202-230XX200-
0.9	50		-00900050
1.8	100		-01800100
2.7	130		-02700130
4.0	200	3 - 4 weeks	-04000200
6.3	320		-06300320
9.5	470		-09500470
13.5	670		13500670
16.0	780		16000780

HEATING TAPE WBS00202

(75 W/m) (230 VAC*)

Length (m)	Power (W +/- 10%)	Delivery	Article No.
			WBS00202-230XX200-
1.1	80		-01100080
2.2	160		-02200160
3.1	230		-03100230
4.6	350	3 - 4 weeks	-04600350
7.3	550		-07300550
11.0	820		-11000820
15.5	1160		-15501160
18.3	1370		-18301370

HEATING TAPE WBS00202

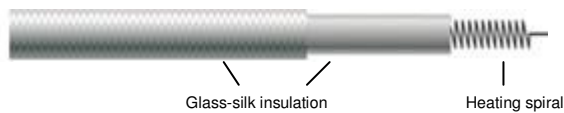
(100 W/m) (230 VAC*)

Length (m)	Power (W +/- 10%)	Delivery	Article No.
			WBS00202-230XX200-
0.9	100		-00900100
1.8	200	From stock**	-01800200
2.7	270		-02700270
4.0	410	3 - 4 weeks	-04000410
6.3	640		-06300640
9.5	950		-09500950
13.5	1340		-13501340
16.0	1570		-16001570

*115V on request

**Subject to prior sale

WINKLER® HEATING CORD WKG00401

T_{max} = 400 °C


Structure

- One heating spiral
- Protecting braiding: glass-silk insulation
- Outer braiding: flexible glass silk

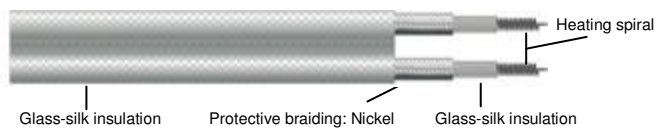
TECHNICAL DATA

Heat conductor temp.	Max. 400 °C
Heating Power	150 W/m
Nominal Voltage	230 VAC*
Power Tolerance	+/- 10%
Heating cord length	According to list
Mains connection	Ready for connection, both ends terminated; length 1.0m
Insulation Material	Glass silk
Construction Type	Not moisture resistant
Dimensions	Ø ca. 3,5 mm
Min. Bending radius	> 5 mm



Length (m)	Power (W +/- 10%)	Delivery	Article No.
0.5	75	From stock**	WKG00401-230XX400-00500075
1.0	150		WKG00401-230XX400-01000150
1.5	225		WKG00401-230XX400-015000225
2.0	300		WKG00401-230XX400-02000300
2.5	375		WKG00401-230XX400-02500375
3.0	450		WKG00401-230XX400-03000450
4.0	600		WKG00401-230XX400-04000600
5.0	750		WKG00401-230XX400-05000750
6.0	900		WKG00401-230XX400-06000900

HEATING TAPE WBG00402

T_{max} = 400 °C


Structure

- Two heat conductors arranged in parallel
- Glass silk-insulated
- Protective braiding: Nickel
- Outer braiding: flexible glass silk

TECHNICAL DATA

Heat conductor temp.	Max. 400 °C
Heating Power	250 W/m
Nominal Voltage	230 VAC*
Power Tolerance	+/- 10%
Heating tape length	According to list
Mains connection	Ready for connection, length 0.3m
Insulation Material	Glass-silk
Construction Type	Not moisture resistant
Dimensions	30 x 5 mm
Min. Bending radius	> 15 mm



Length (m)	Power (W +/- 10%)	Delivery	Article No.
0.5	125	From stock**	WBG00402-230XX400-00500125
1.0	250		WBG00402-230XX400-01000250
1.5	375		WBG00402-230XX400-01500375
2.0	500		WBG00402-230XX400-02000500
2.5	625		WBG00402-230XX400-02500625
3.0	750		WBG00402-230XX400-03000750
5.0	1250		WBG00402-230XX400-05001250

HEATING TAPE WBQ00901

T_{max} = 900 °C


Structure

- Two heating spirals arranged in parallel
- Protecting braiding: Silicate-fibre insulated
- Outer braiding: flexible silicate fibre

TECHNICAL DATA

Heat conductor temp.	Max. 900 °C
Heating Power	350 W/m
Nominal Voltage	230 VAC*
Power Tolerance	+/- 10%
Heating tape length	According to list
Mains connection	Ready for connection, length 0.3m
Insulation Material	Silicate fibre
Construction Type	Not moisture resistant
Dimensions	30 x 8 mm
Min. Bending radius	> 10 mm



Length (m)	Power (W +/- 10%)	Delivery	Article No.
0.5	175	From stock**	WBQ00901-230XX900-00500175
1.0	350		WBQ00901-230XX900-01000350
1.5	525		WBQ00901-230XX900-01500525
2.0	700		WBQ00901-230XX900-02000700
2.5	875		WBQ00901-230XX900-02500875
3.0	1050		WBQ00901-230XX900-03001050

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