

Professional heating technology for industry and laboratory applications

Mineral-insulated heating cable series HM-HC-INC

for heating cable temperatures up to 1000°C.
Also available in EX-version based on rules of ATEX



Description:

Ready-made mineral insulated heating cables with a metal sheath out of Inconel 2.4816. Highly resilient heating cable for the conduction of greater heating power.

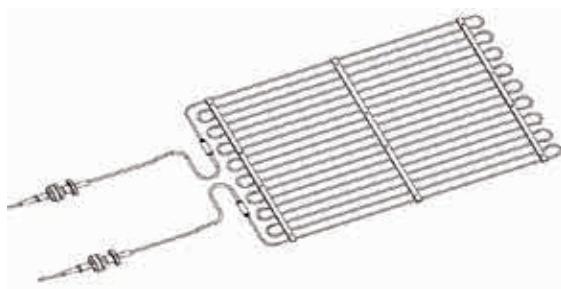
Applications:

Radiation heaters for vacuum technology, under-water radiators, container heaters, continuous heating ovens, process heaters, form heaters, panel heaters, etc.

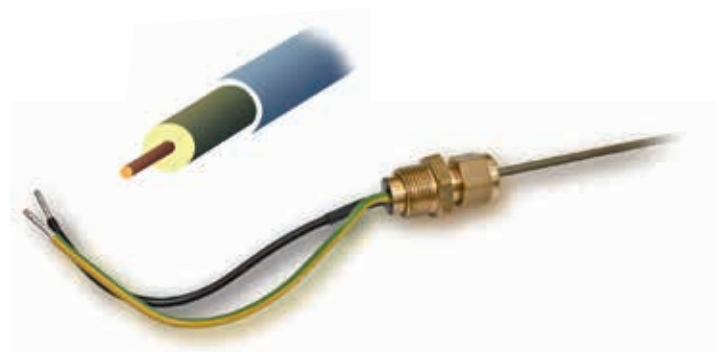
resistance	outer diameter	min. bending radius
0,16 Ω/m	6,5 mm	> 30 mm
0,25 Ω/m	5,6 mm	> 30 mm
0,40 Ω/m	5,0 mm	> 30 mm
0,63 Ω/m	4,5 mm	> 20 mm
1,00 Ω/m	4,1 mm	> 20 mm
1,60 Ω/m	3,8 mm	> 15 mm
2,50 Ω/m	3,6 mm	> 15 mm
4,00 Ω/m	3,2 mm	> 15 mm
6,30 Ω/m	3,2 mm	> 15 mm
10,0 Ω/m	3,2 mm	> 15 mm



Laser welded connexion



Application example



Technical data

HM-HC-INC

nominal voltage	230 V AC
nominal power	see order data
dimensions	Ø 3,2 - 6,5 mm
protection class	I
protective type	IP 67 (waterproof)
max. temperature heating cable	1000°C
length cold ends	2 x 0,5 m in Inconel 2.4816 mit 150 mm
fastening screw	M 20 x 1,5

Order data

100 W/m

length m	power W	order no.
7,2	720	26000072
9,1	910	26000091
11,5	1150	26000115
14,5	1450	26000145
18,0	1800	26000180
23,0	2300	26000230
29,0	2900	26000290
36,0	3600	26000360
46,0	4600	26000460
57,5	5750	26000575

Order data

200 W/m

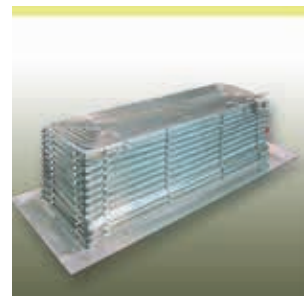
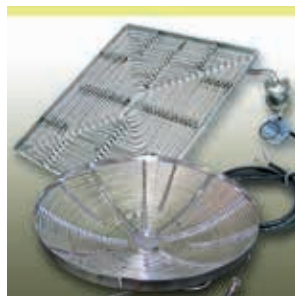
length m	power W	order no.
5,1	1020	26100051
6,5	1300	26100065
7,7	1540	26100077
10,3	2060	26100103
12,7	2540	26100127
15,5	3100	26100155
20,3	4060	26100203
25,5	5100	26100255
32,5	6500	26100325
40,0	8000	26100400

Other lengths, voltages and power are available upon request.

Accessories

Terminal boxes, matching assembly consoles and assembly materials upon request.

For temperature regulation we suggest our program of electronic control and temperature regulation appliances and corresponding temperature sensors.



Examples

MOHR & CO
Laborhandels-gesellschaft mbH

D-69181 Leimen
Gottlieb-Daimler-Straße 2

Phone + 49 (0) 6224 7 10 93 + 94
Fax + 49 (0) 6224 7 70 12

info@labo-mohr.de
www.labo-mohr.de