

## Type HIL-SS

800 °C

### Heating cable with metal braiding stainless steel 1.4541

#### Application potential:

Submersible heaters, containers, valves, pumps, forms, process and plate heaters.

This mineral-insulated heating cable with a braiding of high grade steel 1.4541 is applicable within extreme corrosive and damp surroundings. The HIL heating cable is extremely robust and easy to bend. The stainless steel braiding is watertight, oiltight and gastight. A utilisation temperature of up to 800°C enables a variety of applications.

The cold end of the heating cable can be fed into a terminal box and connected by means of a M20X1.5 screwed connection.



Metres	100 Watt/m	Order Nr.	AD Ø mm	Ohm/ Metres	Bending radius mm
7,2	720	HIL-SS/10007	3,2	10,0	> 12
9,1	910	HIL-SS/10009	3,2	6,3	> 12
11,5	1150	HIL-SS/10011	3,2	4,0	> 12
14,5	1460	HIL-SS/10014	3,6	2,5	> 15
18,0	1800	HIL-SS/10018	3,8	1,6	> 15
23,0	2300	HIL-SS/10023	4,1	1,0	> 20
29,0	2900	HIL-SS/10029	4,5	0,63	> 20
36,0	3600	HIL-SS/10036	5,0	0,4	> 30
46,0	4600	HIL-SS/10046	5,6	0,25	> 30
57,5	5750	HIL-SS/10057	6,5	0,16	> 30

Metres	200 Watt/m	Order Nr.	AD Ø mm	Ohm/ Metres	Bending radius mm
5,1	1020	HIL-SS/20005	3,2	10,0	> 12
6,5	1300	HIL-SS/20006	3,2	6,3	> 12
7,7	1540	HIL-SS/20008	3,2	4,0	> 12
10,3	2060	HIL-SS/20010	3,6	2,5	> 15
12,7	2540	HIL-SS/20012	3,8	1,6	> 15
15,5	3100	HIL-SS/20015	4,1	1,0	> 20
20,3	4060	HIL-SS/20020	4,5	0,63	> 20
25,5	5100	HIL-SS/20025	5,0	0,4	> 30
32,5	6500	HIL-SS/20032	5,6	0,25	> 30
40,0	8000	HIL-SS/20040	6,5	0,16	> 30

Metres	250 Watt/m	Order Nr.	AD Ø mm	Ohm/ Metres	Bending radius mm
4,6	1150	HIL-SS/25004	3,2	10,0	> 12
7,3	1800	HIL-SS/25007	3,2	4,0	> 12
9,2	2300	HIL-SS/25009	3,6	2,5	> 15
12,0	2870	HIL-SS/25012	3,8	1,6	> 15
14,0	3500	HIL-SS/25014	4,1	1,0	> 20
18,0	4550	HIL-SS/25018	4,5	0,63	> 20
23,0	5750	HIL-SS/25023	5,0	0,40	> 30
29,0	7250	HIL-SS/25029	5,6	0,25	> 30

<b>Operating temperature:</b>	max. 800°C
<b>Rated voltage:</b>	230 V AC/DC
<b>Rated capacity:</b>	100 / 200 / 250 W/m
<b>Outer jacket:</b>	stainless steel 1.4541
<b>Length of cold ends:</b>	0.5 m
<b>Protection class:</b>	IP 67 (EN60529)
<b>Protective conductor:</b>	yes
<b>Protection class:</b>	I

Temperature control as listed in chapter 6 Temperature Controllers.

