Mineral-insulated heating cable MIL-HC-Alloy 825

Up to 750°C





- Pre-assembled, mineral-insulated heating cable with metal sheath made of Alloy 825 (2.4858)
- High-performance heating cable for transmitting a high heat output
- Laser welded connection technology
- The cold end can be inserted into our plenum boxes and connected using the pre-assembled M 20 x 1.5 screw connection
- **Length, voltage and power individually customizable**

Technical data:

Outer sheath	Alloy 825 (2.4858)
Insulating layer	Magnesium oxide
Inner conductor (resistance wire)	Nickel-chromium alloy
Nominal voltage	up to 500 V AC
Bending radius	5 x outer diameter
Rated power max.	up to 250 W/m depending on the operating temperature
Dimensions	Ø 3,2 – 6,5 mm
Protection class	I
Protection type	IP 67 (waterproof)
Max. temperature	750°C
Cold ends	2 x 0,5 m standard (other lengths possible)
Screw connection	M 20 x 1,5 in Brass

Resistance values	Outer diameter	Bending radius
0,16 Ω/m	6,5 mm	>32 mm
0,25 Ω/m	5,6 mm	>28 mm
0,40 Ω/m	5,0 mm	>25 mm
0,63 Ω/m	4,5 mm	>22 mm
1,00 Ω/m	4,1 mm	>20 mm
1,60 Ω/m	3,8 mm	>19 mm
2,50 Ω/m	3,6 mm	>18 mm
4,00 Ω/m	3,2 mm	>16 mm
6,30 Ω/m	3,2 mm	>16 mm
10,0 Ω/m	3,2 mm	>16 mm





You can find further information and suitable accessories on our website: www.isoheat.de

Do you have any questions or need a quote?
Contact us at: office@isoheat.de

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Technische Änderungen vorbehalten