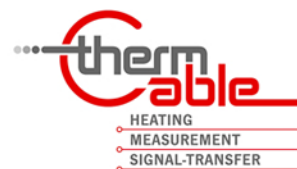
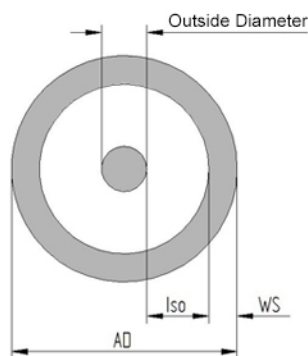


# Datasheet

## Single / 1-wire Mineral Insulated Heater Cable

Metal sheath	AISI 321 oder Inconel 600
Insulation	MgO
Working range	300-400V
Voltage strength	2000V
Insulation resistance	> 1000 MΩ*m bei RT
Bending radius	5x sheath diameter
Wall thickness	Min 10% vom AD

Tolerance:	
-Resistance (ohm/m)	± 10%
-Outside Diameter (ohm/m)	±0,05mm



TC-Article Number	Resistance ohm/m	Outside Diameter OD (mm) ± 0.05mm	Heating cable sheath material	Outside Diameter (mm)	Conductor Tolerance ± (mm)	Insulation Thickness (mm)
KF1-1A053-00007-1	0,007	5,30	Kupfer	1,77	0,085	1,23
HV1-1A065-00160-1	0,16	5,60	NiCr8020	2,93	0,142	1,14
HV1-1A053-00250-1	0,25	5,30	NiCr8020	2,34	0,119	0,95
HV1-1A047-00400-1	0,40	4,70	NiCr8020	1,85	0,094	0,96
HV1-1A043-00630-1	0,63	4,60	NiCr8020	1,47	0,072	0,98
HV1-0A039-01000-1	1,00	3,90	NiCr8020	1,17	0,057	0,97
HV1-0A036-01600-1	1,60	3,60	NiCr8020	0,93	0,042	0,98
HV1-1A034-02500-1	2,50	3,40	NiCr8020	0,74	0,036	0,99
HV1-0A032-04000-1	4,00	3,20	NiCr8020	0,59	0,025	0,99
HV1-0A032-06300-1	6,30	3,20	NiCr8020	0,47	0,023	1,11
HV1-0A032-10000-1	10,0	3,20	NiCr8020	0,67	0,019	1,16

### 1.4541 / AISI 321

Resistiveness against aggressive medium such as hot petrochemical, steam and combustion gases.  
 Good oxidation resistance in air up to ca. 900°C with temperature change up to ca. 800°C.  
 Operation resistance within carbon dioxide up to ca. 650°C.

### 2.4816 / Inconel 600

Good robustness against general corrosion and stress corrosion cracking. Oxidation robustness up to approx. 1150°C  
 Sulphurous atmosphere up till approx. 550°C and Chlorineless water up till 590°C usable.

subject to errors

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