

bedra resistance wire **bercotherm**® N23 out of a copper-nickel alloy (CuNi23Mn) according to standard DIN 17471.

## Fields of application

Wellness & living	electric blankets, electric pillows, electric carpet heating, underfloor heating, roof heating, roof gutter heating, defrosting elements
Industrial applications	heating wire, heating cable, deicing elements, defrosting systems, floor heating, outdoor heating systems, trace heating, tank heaters, panel heating, industrial heating systems, electrofusion applications
Further applications	car seat heating, sport turf, heating, operating table heating, leakage detection, electrofusion applications

## Physical properties

<b>Density (kg/dm<sup>3</sup>)</b>	8.9
<b>Conductivity soft (MS / m)</b>	3.4
<b>Temp.coeff. of resistance (% / K)</b>	0.025
<b>Resistivity soft (Ω x mm<sup>2</sup> / m)</b>	0.2941
<b>Tensile strength soft (MPa)</b>	450

## Spool dimensions and filling weight

Type	Weight [kg]	Flange [mm]	Core [mm]	Bore [mm]	Inner size [mm]	Outer size [mm]
<b>K 100</b>	1.6	100	63	16	80	100
<b>K 125</b>	3.5	125	80	16	100	125
<b>K 160</b>	8	160	100	22	128	160
<b>K 200</b>	16	200	125	22	160	200
<b>K 250</b>	25	250	160	22	160	200
<b>K 355</b>	45	355	224	36	160	200
<b>DWF 355</b>	45	355	224	36	160	200