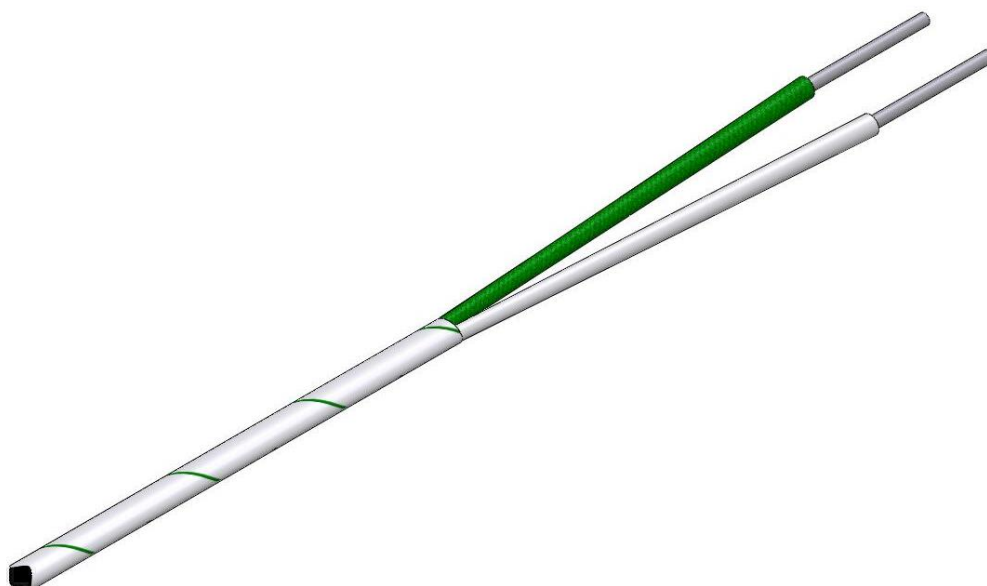




Thermocouple wire Glass braided insulation

Model G/G-30

Example of use

Manufacturing of wire temperature sensors.

Conductors

Area Type K, N: 0.051 mm² (AWG 30)
Strands Type: K, N: 1 x 0.25 mm

Insulation Glass fibre
Conductors are parallel in the outer sheathing.

Outer sheathing

Insulation: Glass fibre
Dimensions: Type K: 0.8 x 1.2 mm
 Type N: 1.1 x 1.8 mm

Colour code

Positive wire coded according the IEC standard.
Negative wire is white. Coloured fibre trace is integrated in outer sheathing.



Colour code as per IEC 60584

Part no	Type	Max temp. °C	Weight kg/km	Resistance ohm/dbm (double meter)	Colour code	Tolerance class IEC 60584
04-20230	K	510	3.3	20	IEC 60584	1
04-50260	N	480	3.3	26	IEC 60584	1

Other types of thermocouple wire on special request. Please contact Pentronic.